



Daily Briefing - January 29, 2026

Your Daily Tech & Programming Digest

Thursday, January 29, 2026

1000

ARTICLES

114400

WORDS

1122

MIN READ

31

SOURCES



Today's Top Stories

Intuitive knowledge of object acoustics enables perceptual separation of physical variables from impact sounds



Agarwal, V., Traer, J., Schwartz, J., McDermott, J. H.



2026-01-28



1 min



152 words

BIORXIV NEUROSCIENCE

Summary: Upon hearing objects collide, humans can estimate physical attributes such as material and mass. Although the physics of sound generation is well established, the inverse problem that listeners solve - of inferring physical parameters from sound - remains poorly understood. Classical accounts posit ...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.28.702236v1?rss=1>

A Key Regulator of Dendritic Morphology in Supragranular Neocortex Impacts Mismatch Negativity



Rader Groves, A. M., Gallimore, C. G., Sutton, V. J., Ross, J. M., Sweet, R., Grubisha, M. J., Hamm, J. P.



2026-01-28



1
min



255
words

BIORXIV NEUROSCIENCE

Summary: Background: Cytoskeletal structure and neuronal function are heavily intertwined, and altered pyramidal neuron morphology (e.g., reduced dendritic arbors) has been consistently identified in the neocortex of individuals with psychiatric disorders. A missense mutation in Kalrn (Kalrn-PT) enhances act...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.28.702244v1?rss=1>

Subthreshold Kir and Ih currents modulate excitability of Layer 1 VIP interneurons in the medial prefrontal cortex



Moreno, C., Riquelme, D., Cornejo, C., Leyton, P., Leiva-Salcedo, E.



2026-01-28



1
min



301
words

BIORXIV NEUROSCIENCE


Summary: Cortical layer 1 (L1) is a key site for integrating top-down and bottom-up information and is populated by inhibitory interneurons, including vasoactive intestinal peptide (VIP)-expressing cells. These interneurons regulate information flow across the cortical column by disinhibiting pyramidal neuro...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.28.702118v1?rss=1>

Semantic axes in the brain support analogical representations

Zhu, H., Franch, M., Mickiewicz, E., Belanger, J., Cowan, R. L., Katlowitz, K., Chavez, A. G. L.,
 Chericoni, A., Paulo, D., Yan, X., Bartoli, E., Hennig, J., Provenza, N., Smith, E. H., Piantadosi, S.,
Sheth, S., Hayden, B. Y.



2026-01-28



1
min



204
words

BIORXIV NEUROSCIENCE


Summary: In vectorial embeddings of word meaning, semantic features often reflect consistent directions, or axes, within a representational space. A classic example is gender: the vector spanning boy to girl can be added to the embedding for king to predict queen. Here we show that the same principle governs...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.28.702241v1?rss=1>

Mechanisms of disrupted neurodevelopment after Zika virus infection in infancy

 Edara, V. V., Freeman, S., Sampson, M. M., Moore, K., Richardson, R., Schoof, N., Burgess, D., Lee, M., Tharp, G., Vlasova, R., Shane, T., Hodjatzadeh, A., Yihana, M.-A., Samia, A., Ndungu, E., Mascarenhas, A., Hsu, C.-H., Tu, T.-W., Styner, M., Suthar, M., Sanchez, M. M., Bosinger, S. E., Burke, M., Sloan, S., Raper, J., Chahroudi, A.



2026-01-28

1
min145
words

BIORXIV NEUROSCIENCE

Summary: Congenital and early-life Zika virus (ZIKV) infection can result in neurologic deficits. Precise mechanisms of injury, especially in the more subtle presentation of postnatal infection, are not fully elucidated. Here, we defined the effects of ZIKV on the developing brain using single cell transcrip...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701807v1?rss=1>

Human brain prefrontal cortex proteomics identifies compromised energy metabolism and neuronal function in Schizophrenia



2026-01-29

1
min0
words




NATURE NEUROSCIENCE SUBJECTS



Read full article:

<https://www.nature.com/articles/s41467-026-68950-y>

Cultural influences on dream: A comparative study of Tibetan and Han Chinese populations.

 2025-06-02  1 min  253 words




DREAMING

Summary: This study sought to compare the dream experiences of Tibetan and Han Chinese populations by employing the Attitudes Toward Dreams Scale, Dream Intensity Scale, and Frequency of Dream Sharing Scale, with a focus on analyzing the influence of cultural differences on these dimensions. The sample compr...

 Read full article:

<http://doi.org/10.1037/drm0000314>

The Oneiric Circle and the Misioneros del Temporal in Morelos, Mexico.

 2025-08-11  1 min  187 words




DREAMING

Summary: The Misioneros del Temporal is an agricultural community of “ritual specialists” located in the state of Morelos, Mexico. For this community, dream content serves as a bridge between individual experiences and collective life, linking the ecological environment with their cosmovision. Dreams functio...

 Read full article:

<http://doi.org/10.1037/drm0000319>

Show HN: Analyzing Semantic Redundancy in LLM Retrieval (Google GIST Protocol)



 2026-01-27  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46779520)


 **Read full article:**
<https://news.ycombinator.com/item?id=46779520>

Decompiling Xbox games using PDB debug info




 2026-01-26  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46768845)


 **Read full article:**
<https://i686.me/blog/cspllit/>

Europe's next-generation weather satellite sends back first images

 2026-01-29  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46806773)

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Europe's next-generation weather satellite sends back first images

 saubeidl  2026-01-29  1 min  13 words

HACKER NEWS

Summary:


Article URL: [https://www.esa.int/Applications/Observing_the_Earth/Meteorological_missions/meteosat_third_generation/E...](https://www.esa.int/Applications/Observing_the_Earth/Meteorological_missions/meteosat_third_generation/Europe_s_next-generation_weather_satellite_sends_back_first_images)

 Read full article:

https://www.esa.int/Applications/Observing_the_Earth/Meteorological_missions/meteosat_third_generation/Europe_s_next-generation_weather_satellite_sends_back_first_images

EAE models of neuropathic pain in multiple sclerosis do not require pertussis toxin

 1
min

 23
words

BRAIN RESEARCH

Summary:

Publication date: 15 March 2026

Source: Brain Research, Volume 1875

Author(s): Sydney R. Lamerand, Paramita Basu, Nina E. Gakii, Skyy S. Steber, Bradley K. Taylor

 Read full article:

https://www.sciencedirect.com/science/article/pii/S000689932600020X?dgcid=rss_sd_all


A prefrontal cortex map based on single-neuron activity

 Marie
Carlén

 17

2026-01-20

 1
min


 38
words

NATURE NEUROSCIENCE

Summary:


Nature Neuroscience, Published online: 20 January 2026; [doi:10.1038/s41593-025-02190-z](https://www.nature.com/articles/s41593-025-02190-z)


The authors mapped spontaneous and choice activity across mouse prefrontal cortex. The activity maps aligned with intrinsic connectivity rather than...

 Read full article:


<https://www.nature.com/articles/s41593-025-02190-z>

MS-DASNet: Multiple Sclerosis lesion segmentation from brain MRI using dual attention and spatial pyramid pooling with transfer learning

 Pramod Kumar
Soni

 2026-01-29

 1
min

 173
words


FRONTIERS COMPUTATIONAL NEUROSCIENCE


Summary: Accurate detection and segmentation of multiple sclerosis (MS) lesions in brain Magnetic Resonance Imaging (MRI) is a challenging task due to their small size, irregular shape, and variability in different imaging modalities. Precise segmentation of MS lesions from brain MRI is vital for early diagn...

 Read full article:


<https://www.frontiersin.org/articles/10.3389/fncom.2025.1713766>

Symmetry breaking and avalanche shapes in modular neural networks

 Silvia
Scarpetta

 2026-01-29

 1
min

 208
words


FRONTIERS COMPUTATIONAL NEUROSCIENCE


Summary: Modularity is as a key characteristic of structural and functional brain networks across species and spatial scales. We investigate the stochastic Wilson–Cowan model on a modular network in which synaptic strengths differ between intra-module and inter-module connections. The system exhibits a rich ...

 Read full article:


<https://www.frontiersin.org/articles/10.3389/fncom.2026.1744991>

AI-driven audience clustering in sport media: a human–computer interaction approach using ‘CoPE-DEC’

 Yong-Seok
Jang

 17 2026-01-29

 1
min

 299
words

FRONTIERS COMPUTATIONAL NEUROSCIENCE


Summary: This study investigates the characteristics and underlying patterns of sports media audiences from a human–computer interaction (HCI) perspective using artificial intelligence–based deep learning analysis, with the aim of providing foundational data for the sports media industry. To this end, a nove...

 Read full article:


<https://www.frontiersin.org/articles/10.3389/fncom.2026.1767724>

Lexicogrammatical profiling of ASD: cognitive-functional mapping and diagnostic implications

 Kazuaki
Hanawa

 17 2026-01-29

 1
min

 252
words

FRONTIERS HUMAN NEUROSCIENCE


Summary: IntroductionPrevious corpus-based study first established an annotated dataset of autism spectrum disorder (ASD) discourse, and subsequent modeling of lexicogrammatical patterns distinguished ASD from non-ASD discourse with high performance (accuracy 80%, precision 82%, sensitivity 73%, specificity ...

 Read full article:


<https://www.frontiersin.org/articles/10.3389/fnhum.2025.1704950>

Motion feature extraction based on semi-supervised learning and long short-term memory network in digital dance

 Yang
Sun


 17 2026-01-29

 1
min

 247
words


FRONTIERS NEUROBOTICS


Summary: Digital-image technology has broadened the creative space of dance, yet accurately capturing the semantic correspondence between low-level motion data and high-level dance key-points remains challenging, especially when labeled data are scarce. We aim to establish a lightweight, semi-supervised pipe...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnbot.2026.1743288>

Sympathetic signals beneath the surface: fresh insights from skin and muscle

 Patricia Jillian
Ward

 17 2026-01-29

 1
min

 174
words

FRONTIERS NEUROSCIENCE


Summary: The sympathetic branch of the autonomic nervous system, known for its governance of the “fight or flight” response, has attracted newfound interest due to its role in maintaining bodily homeostasis in various tissue types. Sympathetic activity in the skin is often perturbed in neurological and neuro...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnins.2025.1617735>

Sleep regulation in *Drosophila*: a review of neural circuits and genetics

 Lili
Huang

 17 2026-01-29

 1
min

 225
words


FRONTIERS NEUROSCIENCE


Summary: Sleep in *Drosophila melanogaster* is regulated by a complex and distributed network of neural circuits that are influenced by factors such as internal state, circadian timing, and prior experiences. While no single “sleep center” has been identified, key brain regions—including the central complex, t...

 Read full article:


<https://www.frontiersin.org/articles/10.3389/fnins.2026.1750211>

Evaluation of the myogenic effects of subthalamic nucleus deep brain stimulation at near therapeutic amplitudes

 Kenneth B.
Baker

 17 2026-01-29

 1
min

 246
words

FRONTIERS NEUROSCIENCE


Summary: IntroductionSubthalamic nucleus deep brain stimulation (STN-DBS) is a standard-of-care (SoC) treatment for the motor symptoms of Parkinson's disease (PD); however, how therapeutic DBS influences motor output is incompletely understood. Specifically, the extent of electromyographic (EMG) modulation d...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnins.2026.1733633>

A critical perspective of prion disease surveillance in Brazil

 José Eriton Gomes da Cunha

 2026-01-29

 1 min

 249 words

FRONTIERS NEUROSCIENCE


Summary: Introduction Prion diseases (PrD) are a group of rapidly progressive dementias. Among its subtypes, Creutzfeldt-Jakob Disease (CJD) is the most common, affecting around 1–2 individuals per million inhabitants yearly. In 2005, Brazil's Ministry of Health (MH) initiated a surveillance program for CJD, ...

 Read full article:


<https://www.frontiersin.org/articles/10.3389/fnins.2026.1762241>

Uses of coherent Raman scattering microscopy in neuroscience

 Mutsuo Nuriya

 2026-01-29

 1 min

 108 words



FRONTIERS NEUROSCIENCE

Summary: Multiphoton microscopy allows the imaging of biological phenomena deep within brain tissues and has greatly advanced knowledge in neuroscience. However, many optical phenomena other than the multiphoton excitation of fluorophores in nonlinear optics are underrecognized. Coherent Raman scattering (CR...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnins.2025.1715954>

Generative Music with the Muse

 2026-01-29  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46806505)



Read full article:

<https://computerhistory.org/blog/generative-music-with-the-muse/>

Putting Gemini to Work in Chrome

 diwank  2026-01-29  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://blog.google/products-and-platforms/products/chrome/gemini-3-auto-browse/>



Comments URL: <https://news.ycombinator.com/item?id=46805557>



Read full article:

<https://blog.google/products-and-platforms/products/chrome/gemini-3-auto-browse/>

Generative Music with the Muse

 andsoitis
  17 2026-01-29
  1 min
  13 words

HACKER NEWS

Summary:

Article URL: <https://computerhistory.org/blog/generative-music-with-the-muse/>

Comments URL: <https://news.ycombinator.com/item?id=46806505>

Points...

 Read full article:

<https://computerhistory.org/blog/generative-music-with-the-muse/>

Genetics of Autism Spectrum Disorder underscores the role of altered spontaneous neuronal activity as a catalyst for the neurodevelopmental anomalies

 1 min
  13 words

BRAIN RESEARCH

Summary:

Publication date: 15 March 2026

Source: Brain Research, Volume 1875


Author(s): Sarani Dey, Abhijit Das

 Read full article:

https://www.sciencedirect.com/science/article/pii/S0006899326000223?dgcid=rss_sd_all

The oral-gut-brain axis in periodontitis: microbial signaling in systemic and neuroinflammatory disease

 1
min

 16
words


BRAIN RESEARCH

Summary:

Publication date: 15 March 2026

Source: Brain Research, Volume 1875


Author(s): V. Pravin, Chitra Vellapandian, V. Naveen Kumar

 Read full article:

https://www.sciencedirect.com/science/article/pii/S0006899326000260?dgcid=rss_sd_all

A watershed algorithm GUI for personalized fMRI-guided rTMS target

 1
min

 24
words

NEUROIMAGE

Summary:

Publication date: 15 February 2026

Source: NeuroImage, Volume 327

Author(s): Zi-Jian Feng, Ziyu Wei, Liquan Hong, Hongli Fang, Yu Han, Peifeng Yang, Dongsheng Lv, Yu-Feng Zang

 Read full article:

https://www.sciencedirect.com/science/article/pii/S1053811926000613?dgcid=rss_sd_all

Editorial: Machine learning and applied neuroscience, volume II



Ganesh R.
Naik



2026-01-20



1
min



0
words

FRONTIERS NEUROROBOTICS



Read full article:

<https://www.frontiersin.org/articles/10.3389/fnbot.2025.1757770>

The significance of dreams and dreaming in the traditional culture of Luo people in Kenya.



2025-10-23



1
min



214
words

DREAMING

Summary: This article comprises two parts. Part I deals with Augustine Nwoye's classification of dreams in Africa, a theoretical background that has been used here purposively to explain the significance of dreams and dreaming to the Luo people in Kenya. This article is therefore deliberately anchored on Nwo...



Read full article:


<http://doi.org/10.1037/drm0000321>

Xmake: A cross-platform build utility based on Lua





 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46753037)

 **Read full article:**
<https://xmake.io/>

Call for Applications: IEEE T-MRB Editor in Chief Search

 Deidre Artis  2025-04-03  1 min  18 words


EMBS



Summary:


The post [Call for Applications: IEEE T-MRB Editor in Chief Search](https://www.embs.org/uncategorized/call-for-applications-ieee-tmr-editor-in-chief-search/) appeared first on [IEEE EMBS](https://www.embs.org/).

 **Read full article:**
<https://www.embs.org/uncategorized/call-for-applications-ieee-tmr-editor-in-chief-search/>

Remember Me, Not Save Me: A Collective Memory System for Evolving Virtual Identities in Augmented Reality

 Tongzhou Yu, Han Lin

 2026-01-29  1 min

 95 words


ARXIV CS HC



Summary: arXiv:2601.20437v1 Announce Type: new Abstract: This paper presents "Remember Me, Not Save Me," an AR & AI system enabling virtual citizens to develop personality through collective dialogue. Core innovations include: Dynamic Collective Memory (DCM) model with narrative tension mechanisms for handl...


 Read full article:

<https://arxiv.org/abs/2601.20437>

GuideAI: A Real-time Personalized Learning Solution with Adaptive Interventions


 Ananya Shukla, Chaitanya Modi, Satvik Bajpai, Siddharth Siddharth

 2026-01-29  1 min

 231 words

ARXIV CS HC

Summary: arXiv:2601.20402v1 Announce Type: new Abstract: Large Language Models (LLMs) have emerged as powerful learning tools, but they lack awareness of learners' cognitive and physiological states, limiting their adaptability to the user's learning style. Contemporary learning techniques primarily focus o...

 Read full article:


<https://arxiv.org/abs/2601.20402>

DiagLink: A Dual-User Diagnostic Assistance System by Synergizing Experts with LLMs and Knowledge Graphs



Zihan Zhou, Yinan Liu, Yuyang Xie, Bin Wang, Xiaochun Yang, Zezheng

Feng

 2026-01-29



1
min



150
words

ARXIV CS HC

Summary: arXiv:2601.20311v1 Announce Type: new Abstract: The global shortage and uneven distribution of medical expertise continue to hinder equitable access to accurate diagnostic care. While existing intelligent diagnostic system have shown promise, most struggle with dual-user interaction, and dynamic kn...



Read full article:

<https://arxiv.org/abs/2601.20311>

An Autonomous Agent Framework for Feature-Label Extraction from Device Dialogues and Automatic Multi-Dimensional Device Hosting Planning Based on Large Language Models



Huichao Men, Yizhen Hu, Yu Gao, Xiaofeng Mou, Yi Xu, Xinhua

Xiao



2026-01-29



1
min



212
words

ARXIV CS HC

Summary: arXiv:2601.20194v1 Announce Type: new Abstract: With the deep integration of artificial intelligence and smart home technologies, the intelligent transformation of traditional household appliances has become an inevitable trend. This paper presents AirAgent--an LLM-driven autonomous agent framework...



Read full article:

<https://arxiv.org/abs/2601.20194>

Supporting Informed Self-Disclosure: Design Recommendations for Presenting AI-Estimates of Privacy Risks to Users



Isadora Krsek, Meryl Ye, Wei Xu, Alan Ritter, Laura Dabbish, Sauvik Das



2026-01-29



1 min



158 words

ARXIV CS HC

Summary: arXiv:2601.20161v1 Announce Type: new Abstract: People candidly discuss sensitive topics online under the perceived safety of anonymity; yet, for many, this perceived safety is tenuous, as miscalibrated risk perceptions can lead to over-disclosure. Recent advances in Natural Language Processing (NL...



Read full article:

<https://arxiv.org/abs/2601.20161>

Taming Toxic Talk: Using chatbots to intervene with users posting toxic comments



Jeremy Foote, Deepak Kumar, Bedadyuti Jha, Ryan Funkhouser, Loizos Bitsikokos, Hitesh Goel, Hsuen-Chi Chiu



2026-01-29



1
min



196
words

ARXIV CS HC

Summary: arXiv:2601.20100v1 Announce Type: new Abstract: Generative AI chatbots have proven surprisingly effective at persuading people to change their beliefs and attitudes in lab settings. However, the practical implications of these findings are not yet clear. In this work, we explore the impact of rehab...



Read full article:

<https://arxiv.org/abs/2601.20100>

Evaluating Actionability in Explainable AI



Gennie Mansi, Julia Kim, Mark Riedl



2026-01-29



1
min



152
words

ARXIV CS HC

Summary: arXiv:2601.20086v1 Announce Type: new Abstract: A core assumption of Explainable AI (XAI) is that explanations are useful to users -- that is, users will do something with the explanations. Prior work, however, does not clearly connect the information provided in explanations to user actions to eva...



Read full article:

<https://arxiv.org/abs/2601.20086>

Editrail: Understanding AI Usage by Visualizing Student-AI Interaction in Code



Ashley Ge Zhang, Yan-Ru Jhou, Yinuo Yang, Shamita Rao, Maryam Arab, Yan Chen, Steve Oney



2026-01-29



1
min



155
words

ARXIV CS HC

Summary: arXiv:2601.20085v1 Announce Type: new Abstract: Programming instructors have diverse philosophies about integrating generative AI into their classes. Some encourage students to use AI, while others restrict or forbid it. Regardless of their approach, all instructors benefit from understanding how t...



Read full article:

<https://arxiv.org/abs/2601.20085>

Locatability and Locatability Robustness of Visual Variables in Single Target Localization



Wei Wei, Miguel A. Nacenta, Michelle F. Miranda, Charles Perin



2026-01-29



1
min



225
words

ARXIV CS HC

Summary: arXiv:2601.20080v1 Announce Type: new Abstract: Finding a particular object in a display is important for viewers in many visualizations, for example, when reacting to brushing or to a highlighted object. This can be enabled by making the target object different in one of the visual variables that ...



Read full article:

<https://arxiv.org/abs/2601.20080>

Treating symptoms or root causes: How does information about causal mechanisms affect interventions?



Romy

Müller



2026-01-29



1

min



171

words

ARXIV CS HC

Summary: arXiv:2601.20010v1 Announce Type: new Abstract: When deciding how to solve complex problems, it seems important not only to know whether an intervention is helpful but also to understand why. Therefore, the present study investigated whether explicit information about causal mechanisms enables peop...



Read full article:

<https://arxiv.org/abs/2601.20010>

An explainable framework for the relationship between dementia and glucose metabolism patterns



C. Vázquez-García, F. J. Martínez-Murcia, F. Segovia Román, A. Forte, J. Ramírez, I. Illán, A. Hernández-Segura, C. Jiménez-Mesa, Juan M. González



2026-01-29



1

min



177

words

ARXIV QBIO NC

Summary: arXiv:2601.20480v1 Announce Type: cross Abstract: High-dimensional neuroimaging data presents challenges for assessing neurodegenerative diseases due to complex non-linear relationships. Variational Autoencoders (VAEs) can encode scans into lower-dimensional latent spaces capturing disease-relevant...



Read full article:

<https://arxiv.org/abs/2601.20480>

Implications of temporal sampling in voltage imaging microscopy



Jakub Czuchnowski, Jerome Mertz



2026-01-29



1 min



199 words

ARXIV QBIO NC

Summary: arXiv:2601.20236v1 Announce Type: cross Abstract: Significance: Voltage imaging microscopy has emerged as a powerful tool to investigate neural activity both in vivo and in vitro. Various imaging approaches have been developed, including point-scanning, line-scanning and wide-field microscopes, how...



Read full article:

<https://arxiv.org/abs/2601.20236>

Assembling the Mind's Mosaic: Towards EEG Semantic Intent Decoding



Jiahe Li, Junru Chen, Fanqi Shen, Jialan Yang, Jada Li, Zhizhang Yuan, Baowen Cheng, Meng Li, Yang Yang



2026-01-29



1 min



170 words

ARXIV QBIO NC

Summary: arXiv:2601.20447v1 Announce Type: new Abstract: Enabling natural communication through brain-computer interfaces (BCIs) remains one of the most profound challenges in neuroscience and neurotechnology. While existing frameworks offer partial solutions, they are constrained by oversimplified semantic...



Read full article:

<https://arxiv.org/abs/2601.20447>

Protein folding stress shapes microglial phenotype in progressive supranuclear palsy



Tanikawa, S., Kuwabara, T., Tanaka, S., Kovacs, G.
G.



2026-01-28



1
min



140
words

BIORXIV NEUROSCIENCE

Summary: Microglia play a pivotal role in neurodegeneration, yet their response to tau pathology remains incompletely understood. Through single-nucleus RNA sequencing of Amyloid beta plaque-free frontal cortex from 4R tauopathy progressive supranuclear palsy (PSP) brains, we reveal a distinct transcriptiona...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.700084v1?rss=1>

Cell-Type Specific Molecular and Functional Consequences of TDP-43 Loss-of-Function in Human Induced Neurons



Filippa, V. G., Bach, K., Kolodyazhniy, V., Joenson, L., Costa, M.
R.



2026-01-28



1
min



229
words

BIORXIV NEUROSCIENCE

Summary: Amyotrophic Lateral Sclerosis (ALS) is a devastating neurodegenerative disorder characterized by the cytoplasmic aggregation and nuclear depletion of the TDP-43 protein. The latter impairs TDP-43 function as an RNA-binding protein and compromises the repression of cryptic splicing events, affecting ...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.700683v1?rss=1>

Flexible perception of face attributes under naturalistic visual constraints



Li, S., Wu, Y., Yan,
X.



2026-01-28



1
min



237
words

BIORXIV NEUROSCIENCE

Summary: How does human brain adapt face perception to naturalistic visual constraints? While faces are typically perceived under dynamic and uncertain conditions, most studies use static presentation and enough temporal exposure, leaving the neural mechanisms of adaptive face processing poorly understood. H...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701887v1?rss=1>

Path planning of industrial robots based on the adaptive field cooperative sampling algorithm



Lv
Wei



2025-11-13



1
min



178
words

FRONTIERS NEUROROBOTICS

Summary: For the low efficiency and poor generalization ability of path planning algorithm of industrial robots, this work proposes an adaptive field co-sampling algorithm (AFCS). Firstly, the environment complexity function is proposed to make full use of environment information and improve its generalizati...



Read full article:

<https://www.frontiersin.org/articles/10.3389/fnbot.2025.1574044>

Spectrograms: A high-performance toolkit for audio and image analysis

/u/
JackG049

17

2026-01-28

3

min

730

words

REDDIT PYTHON

Summary: I've released [Spectrograms](https://github.com/jmg049/Spectrograms), a library designed to provide an all-in-one pipeline for spectral analysis. It was originally built to handle the spectrogram logic for my [audio sample...](https://github.com/jmg049/audio_sample...)



Read full article:

https://www.reddit.com/r/Python/comments/1qps4e7/spectrograms_a_highperformance_toolkit_for_audio/

An Illustrated Guide to Hippo Castration

17

2026-01-24

1

min

2

words

HACKER NEWS



Summary: [Comments](https://news.ycombinator.com/item?id=46746971)



Read full article:

<https://www.science.org/content/article/scienceshot-illustrated-guide-hippo-castration>

Microsoft's Azure Linux

 2026-01-29  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46805841)

 **Read full article:**
<https://github.com/microsoft/azurelinux>

DECwindows Motif

 doener  2026-01-29  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://products.vmssoftware.com/decwindowsmotif>


Comments URL: <https://news.ycombinator.com/item?id=46805243>

Points: 6

Comments: 0

 **Read full article:**
<https://products.vmssoftware.com/decwindowsmotif>

Microsoft's Azure Linux

 AbuAssar  17 2026-01-29  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://github.com/microsoft/azurelinux>



Comments URL: <https://news.ycombinator.com/item?id=46805841>

Points: 20

Comments: 6

 Read full article:
<https://github.com/microsoft/azurelinux>

Spatial memory performance is associated with region-specific coordination of hippocampo-cortical sleep oscillations

 Caneo, M. A., Espinosa, N., Aguilera, A., Lazcano, G., Lara-Vasquez, A., Fuentealba, P.  17 2026-01-28


 1 min  228 words

BIORXIV NEUROSCIENCE

Summary: Sleep plays a critical role in memory consolidation, yet how coordination among sleep oscillations across hippocampo-cortical circuits relates to behavioral performance remains incompletely understood. Here, we examined how cross-regional coordination of cardinal sleep oscillations during non-rapid ...

 Read full article:
<https://www.biorxiv.org/content/10.64898/2026.01.27.702052v1?rss=1>

The Extremely Brilliant Brain: An Isotropic Microscale Human Brain Dataset

Chourrout, M., Keenlyside, A., Wanjau, E., Balbastre, Y., Yagis, E., Brunet, J., Stansby, D., Engel, K.,
 Gui, X., Thoennissen, J., Dickscheid, T., Lamalle, L., Bellier, A., Vivekananda, U., Tafforeau, P., Lee, P. D., Walsh, C. L.

 2026-01-28  1 min  138 words


BIORXIV NEUROSCIENCE

Summary: We present an isotropic 7.72 microns/voxel post-mortem human brain dataset acquired using Hierarchical Phase-Contrast Tomography (HiP-CT) at the ESRF Extremely Brilliant Source, beamline BM18. This fills a critical gap between whole-brain MRI at 100-micron resolution and serial-section histological ...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.27.702076v1?rss=1>

Sparse input representations explain odor discrimination in complex, concentration-varying mixtures

McCalmon, H., Cai, G., Tsibouris, C., Pashakhanloo, F., Chung, S., Kapoor, V., Murthy, V.
 N.

 2026-01-28  1 min  153 words

BIORXIV NEUROSCIENCE

Summary: In natural environments, animals must detect behaviorally relevant odors despite variability in both odor mixture composition and stimulus intensity. Although mice can identify salient odors embedded in complex mixtures, how target concentration and background complexity jointly constrain discrimina...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.27.702074v1?rss=1>

Large-Scale Control of Neuronal Networks In Vitro Using Perforated Microfluidic Devices



Hoerberg, C.-J., Beech, J. P., Englund Johansson, U., O'Carroll, D., Johansson, F.



2026-01-28



1
min



261
words

BIORXIV NEUROSCIENCE

Summary: Neurons in the brain are organized and connected into complex networks in which electrochemical signaling forms the basis for all brain function. Cortical neuronal networks are arranged in distinct modular, layered, and hierarchical structures, underlying its diverse functions such as learning, memo...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.27.702069v1?rss=1>

Task-Dependent Effects of Channel Density on Multivariate Pattern Analysis and Spatial Representational Similarity Analysis: Evidence from Three EEG Datasets



Hou, L., zhang, g., Hao, Y., Karkkainen, T., Cong, F.



2026-01-28



1
min



204
words

BIORXIV NEUROSCIENCE



Summary: Despite the widespread use of EEG decoding and representational similarity analysis (RSA), the extent of the impact of electrode density on these multivariate approaches has not been systematically evaluated, particularly across different cognitive domains. Here, we systematically compared four elec...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701731v1?rss=1>

Anticipation of periodic events influences cell motility in amoeba proteus

 2026-01-29  1 min  0 words




NATURE NEUROSCIENCE SUBJECTS



Read full article:

<https://www.nature.com/articles/s41598-026-37298-0>

Single-dose DMT reverses anhedonia and cognitive deficits via restoration of neurogenesis in a stress-induced depression model

 2026-01-29  1 min  0 words



NATURE NEUROSCIENCE SUBJECTS



Read full article:

<https://www.nature.com/articles/s41398-026-03852-7>

Investigating how individual differences in selective attention relate to schizotypy and altered states of consciousness.


 2023-09-14  1 min  251 words

CLINICAL NEUROSCIENCE

Summary: Measures of altered states of consciousness (ASC) are useful for understanding anomalies within conscious experiences. Within psychedelic clinical trials, ASC have been associated with long-term positive treatment outcomes for numerous types of mental illnesses. Schizotypal Personality Scale (STA), ...

 **Read full article:**
<http://doi.org/10.1037/cns0000370>

Sensory-processing sensitivity as a confounder in the positive relationship between mindful awareness and psychological distress: A theoretical review.




 2023-11-02  1 min  257 words

CLINICAL NEUROSCIENCE

Summary: Mindfulness meditation is credited as a positive driver of promoting psychological well-being and reducing stress, anxiety, and depression symptoms. However, dispositional mindfulness has been somewhat correlated with psychological distress, as awareness has been positively correlated with psycholog...

 **Read full article:**
<http://doi.org/10.1037/cns0000380>

A shared perceptual inference for cross-modally induced illusions of self-attribution.




 2022-08-25  1 min  184 words

CLINICAL NEUROSCIENCE

Summary: The representation of our own body is malleable. Evidence indicates that multisensory stimulation can trigger an illusory sense of ownership over a fake hand, a partner's face, or a virtual body. Despite our understanding of the processes supporting the construction of bodily self, we know less about...

 **Read full article:**
<http://doi.org/10.1037/cns0000335>

Questom (YC F25) is hiring an engineer


 2026-01-29  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46805439)

 **Read full article:**
<https://www.ycombinator.com/companies/questom/jobs/UBebsyO-founding-engineer>

We can't send mail farther than 500 miles (2002)

 2026-01-29  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46805665)



Read full article:

<https://web.mit.edu/jemorris/humor/500-miles>

Satellites encased in wood are in the works

 2026-01-26  1 min  2 words

HACKER NEWS



Summary: [Comments](https://news.ycombinator.com/item?id=46760542)



Read full article:


<https://www.economist.com/science-and-technology/2026/01/21/satellites-encased-in-wood-are-in-the-works>

Mecha Comet – Open Modular Linux Handheld Computer



 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46758652)

 **Read full article:**
<https://mecha.so/comet>

Maine's 'Lobster Lady' who fished for nearly a century dies aged 105



 2026-01-29  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46804854)

 **Read full article:**
<https://www.theguardian.com/us-news/2026/jan/28/maine-lobster-lady-dies-aged-105>

Render Mermaid diagrams as SVGs or ASCII art

 2026-01-29  1 min  2 words

HACKER NEWS





Summary: [Comments](https://news.ycombinator.com/item?id=46804828)



Read full article:

<https://github.com/lukilabs/beautiful-mermaid>

Show HN: Shelvy Books

 tekkie00  2026-01-29  1 min  78 words

HACKER NEWS

Summary:

Hey HN! I built a little side project I wanted to share.

Shelvy is a free, visual bookshelf app where you can organize books you're reading, want to read, or have finished. Sign in to save your own collection.

Not monetized, no ads, no tracking beyond basic auth. Just a fun weekend project th...



Read full article:

<https://shelvybooks.com>

Writing a .NET Garbage Collector in C# – Part 6: Mark and Sweep



vyrotek



2026-01-29

1
min13
words

HACKER NEWS

Summary:

Article URL: <https://minidump.net/writing-a-net-gc-in-c-part-6/>

Comments URL: <https://news.ycombinator.com/item?id=46804615>

Points: 3

Comments: 0



Read full article:

<https://minidump.net/writing-a-net-gc-in-c-part-6/>

Render Mermaid diagrams as SVGs or ASCII art



mellosouls



2026-01-29

1
min13
words

HACKER NEWS

Summary:

Article URL: <https://github.com/lukilabs/beautiful-mermaid>

Comments URL: <https://news.ycombinator.com/item?id=46804828>

Points: 77




Comments: 11



Read full article:

<https://github.com/lukilabs/beautiful-mermaid>

Maine's 'Lobster Lady' who fished for nearly a century dies aged 105

 NaOH  2026-01-29  1 min  13 words

HACKER NEWS

Summary:





Article URL: <https://www.theguardian.com/us-news/2026/jan/28/maine-lobster-lady-dies-aged-105>

Comments URL: <https://news.ycombinator.com/item?id=46804854>

 Read full article:

<https://www.theguardian.com/us-news/2026/jan/28/maine-lobster-lady-dies-aged-105>

Questom (YC F25) is hiring an engineer


 ritanshu  2026-01-29  1 min  13 words

HACKER NEWS

Summary:




Article URL: <https://www.ycombinator.com/companies/questom/jobs/UBebseyO-founding-engineer>

Comments URL: <https://news.ycombinator.com/item?id=46805439>

 Read full article:

<https://www.ycombinator.com/companies/questom/jobs/UBebseyO-founding-engineer>

Long-term effects of working memory retrieval from prioritized and deprioritized states

 2026-01-28  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:

<https://www.nature.com/articles/s44271-026-00399-7>

Unmuting lucid dreams: Speech decoding and vocalization in real time.

 2023-03-13  1 min  260 words




CLINICAL NEUROSCIENCE

Summary: Since the 1970s, scientists have been searching for ways to communicate with people in lucid dreams (LDs), during which it is possible to maintain consciousness. Previously, dreamers could hear sounds from reality and respond with some simple signals, but they could not speak back. In this study, fa...

 Read full article:

<http://doi.org/10.1037/cns0000353>

Creating a world in the head: The conscious apprehension of neural content originating from internal sources.




 2024-09-09  1 min  145 words

CLINICAL NEUROSCIENCE

Summary: Klein et al. (2023) argued that the evolutionary transition from respondent to agent during the Cambrian explosion would be a promising vantage point from which to gain insight into the evolution of organic sentience. They focused on how increased competition for resources—in consequence of the prol...


 **Read full article:**
<http://doi.org/10.1037/cns0000402>

Please Don't Say Mean Things about the AI I Just Invested a Billion Dollars In




 2026-01-28  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46803356)

 **Read full article:**
<https://www.mcsweeneys.net/articles/please-dont-say-mean-things-about-the-ai-that-i-just-invested-a-billion-dollars-in>

Please Don't Say Mean Things about the AI I Just Invested a Billion Dollars In

 2026-01-28  1 min  2 words


HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46803356)

 Read full article:

<https://www.mcsweeneys.net/articles/please-dont-say-mean-things-about-the-ai-that-i-just-invested-a-billion-dollars-in>

Ross Stevens Donates \$100M to Pay Every US Olympian and Paralympian \$200k

 2026-01-28  1 min  2 words



HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46803549)

 Read full article:

<https://www.townandcountrymag.com/leisure/sporting/a70171886/ross-stevens-american-olympians-donation/>

Ross Stevens Donates \$100M to Pay Every US Olympian and Paralympian \$200k

 2026-01-28  1 min  2 words


HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46803549)

 Read full article:

<https://www.townandcountrymag.com/leisure/sporting/a70171886/ross-stevens-american-olympians-donation/>

The UK paid £4.1M for a bookmarks site

 2026-01-28  1 min  2 words



HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46803119)

 Read full article:

<https://mahadk.com/posts/ai-skills-hub>

The UK paid £4.1M for a bookmarks site





 2026-01-28  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46803119)

 **Read full article:**
<https://mahadk.com/posts/ai-skills-hub>

Tesla ending Models S and X production

 keyboardJones  2026-01-28  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://www.cnn.com/2026/01/28/tesla-ending-model-s-x-production.html>

Comments URL: <https://news.ycombinator.com/item?id=46802867>

 **Read full article:**
<https://www.cnn.com/2026/01/28/tesla-ending-model-s-x-production.html>

State Department confirms federal censorship shield law incoming



MassPikeMike



2026-01-28



1

min



13

words

HACKER NEWS

Summary:

Article URL: <https://prestonbyrne.com/2026/01/28/state-department-confirms-federal-granite-act-incoming/>

Comments URL: [https://n...](https://news.ycombinator.com/item?id=46803198)



Read full article:

<https://prestonbyrne.com/2026/01/28/state-department-confirms-federal-granite-act-incoming/>

In 6 violent encounters, evidence contradicts immigration officials' narratives



petethomas



2026-01-28



1

min



13

words

HACKER NEWS

Summary:

Article URL: <https://www.reuters.com/world/us/evidence-contradicts-trump-immigration-officials-accounts-violent-encounters-2026-01-27/>

Comments URL: [https://](#)



Read full article:

<https://www.reuters.com/world/us/evidence-contradicts-trump-immigration-officials-accounts-violent-encounters-2026-01-27/>

Peripheral phoneme encoding and discrimination in aging and hearing impairment



Wouters, M., Gaudrain, E., Dapper, K., Schirmer, J., Baskent, D., Ruettiger, L., Knipper, M., Verhulst, S.



2026-01-28



1
min



245
words

BIORXIV NEUROSCIENCE

Summary: Speech perception difficulties in noise are common among older adults and individuals with hearing impairment, even when audiometric thresholds appear normal. We examined how aging, cochlear synaptopathy (CS), and outer hair cell (OHC) damage affect speech encoding and phoneme discrimination. Envelo...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.27.702044v1?rss=1>

Spatial transcriptomics reveals brain-wide circadian disruption in an Alzheimer's disease model



Gelber, A., Romero, H., Burrows, D., Whittaker, D. S., Carlin, D., Mukamel, E. A., Desplats, P.



2026-01-28



1
min



122
words

BIORXIV NEUROSCIENCE


Summary: Diurnal rhythms in brain transcription align neural, immune, and metabolic processes with the light-dark cycle and are profoundly disrupted in Alzheimer's disease (AD). However, the regional organization of diurnal transcription in the healthy and diseased brain remains poorly defined. Using large-s...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701799v1?rss=1>

Tunable Tau Expression in C. elegans Neurons Reveals that Early-AD Tau Phosphorylation Selectively Impacts Behavior and Mitochondrial Quality Control

 Carroll, T. A., Pfendler, D., Arhayem, H. A., Thoma, R., Mueller-Eigner, A., Straut, A., Johnson, G. V., Nehrke, K.

 2026-01-28  1 min  238 words


BIORXIV NEUROSCIENCE




Summary: Tau protein accumulates myriad post-translational modifications as Alzheimer's disease (AD) progresses, and early-disease tau modifications such as phosphorylation at threonine 231 (T231) likely play a key role in AD pathogenesis. Here, a series of "tunable tau" strains was developed in C. elegans t...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701793v1?rss=1>

(Rant) AI is killing programming and the Python community

 /u/
Fragrant_Ad3054

 2026-01-28  2 min  537 words


REDDIT PYTHON

Summary: <!-- SC_OFF --><div class="md"><p>I'm sorry but it has to come out.</p>
<p>We are experiencing an endless sleep paralysis and it is getting worse and worse.</p>
<p>Before, when we wanted to code in Python, it was simple: either we read the documentation and available resources, or we asked the commu...

 Read full article:

https://www.reddit.com/r/Python/comments/1qpq3cc/rant_ai_is_killing_programming_and_the_python/

Tesla profit tanked 46% in 2025

 coloneltcb  2026-01-28  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://techcrunch.com/2026/01/28/tesla-earnings-profit-q4-2025/>





Comments URL: <https://news.ycombinator.com/item?id=46801851>

Points...

 Read full article:

<https://techcrunch.com/2026/01/28/tesla-earnings-profit-q4-2025/>

Bf-Tree: modern read-write-optimized concurrent larger-than-memory range index

 SchwKatze  2026-01-28  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://github.com/microsoft/bf-tree>

Comments URL: <https://news.ycombinator.com/item?id=46802210>

Points: 3

Comments: 0

 Read full article:

<https://github.com/microsoft/bf-tree>

A multi-input optic glomerulus mediates opposing behavioral responses to visual objects



Ribeiro, I. M. A., Chen, W.-Q., Drummond, N., Prech, S., Sauter, M., Borst, A.



2026-01-28



1 min



154 words

BIORXIV NEUROSCIENCE

Summary: Prey, predators or conspecifics are first detected as visual objects in seeing animals. Vision guides behavioral actions towards or away from these objects. An error in this visual perception could prove fatal. How object information is untangled to avoid errors remains unclear. Here we show that LC...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701771v1?rss=1>

Endothelin 2-Mediated Neuroinflammation Drives Hypertension-Associated Retinal Dysfunction



Cui, Y., Au, M.-T., Zhang, L., Zhang, T., Pan, L., Li, H.-L., Zhang, Y., Wu, M. M., Li, H., Chung, S.-Y. R., Pan, F., Wen, C., Do, C.-W.



2026-01-28



1 min



153 words

BIORXIV NEUROSCIENCE


Summary: Systemic hypertension is a significant risk factor for glaucoma, a leading cause of irreversible blindness, yet the mechanistic basis connecting the two conditions remains elusive. Here, we demonstrate that hypertensive rats develop accelerated retinal degeneration characterized by retinal thinning,...




Read full article:


<https://www.biorxiv.org/content/10.64898/2026.01.26.701756v1?rss=1>

Personalized smartphone notifications bias auditory salience across processing stages

 Mishra, P., Gandhi, T. K., Gandhi, S. R.


 2026-01-28

 1 min

 232 words


BIORXIV NEUROSCIENCE


Summary: Modern digital environments expose the brain to a dense stream of personally meaningful cues that differ markedly from the conditions under which sensory systems evolved. Understanding how the brain responds and adapts to such environments is increasingly relevant for cognitive and mental well-being...

 Read full article:


<https://www.biorxiv.org/content/10.64898/2026.01.26.701556v1?rss=1>

From Python 3.3 to today: ending 15 years of subprocess polling

 /u/
grodola

 2026-01-28

 1 min

 80 words



REDDIT PYTHON

Summary: For ~15 years, Python's `subprocess` module implemented timeouts using busy-loop polling. This post explains how that was finally replaced with true event-driven waiting on POSIX systems: `pidfd_open()` + `poll()` on Linux and ...

 Read full article:

https://www.reddit.com/r/Python/comments/1qpp42k/from_python_33_to_today_ending_15_years_of/

Somebody used spoofed ADSB signals to raster the meme of JD Vance





 2026-01-28  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46802067)

 Read full article:
<https://alecmuffett.com/article/143548>

Somebody used spoofed ADSB signals to raster the meme of JD Vance

 wubin  2026-01-28  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://alecmuffett.com/article/143548>

Comments URL: <https://news.ycombinator.com/item?id=46802067>


Points: 33

Comments: 13

 Read full article:
<https://alecmuffett.com/article/143548>

A sexually dimorphic neuronal cluster in the mouse medial amygdala responds to male sexual status

Tamar LichtAdan AkariehAya DhamshyAmit ZeiselOsnat OphirDan RokniaDepartment of Medical Neurobiology, Faculty of Medicine and Institute for Medical Research Israel-Canada, The Hebrew University of Jerusalem, Jerusalem 9112001, IsraelbFaculty of Biotechnology and Food Engineering, Technion Israel Institute of Technology, Haifa 3200003, Israel

 2026-01-22  1 min  52 words




PNAS NEUROSCIENCE

Summary: Proceedings of the National Academy of Sciences, Volume 123, Issue 4, January 2026.
SignificanceWe identified a distinct cluster of neurons in the medial amygdala of mice showing a striking on/off pattern of c-fos promoter activity. This cluster is consistently active in females, independent o...

 Read full article:

<https://www.pnas.org/doi/abs/10.1073/pnas.2518703123?af=R>

Jellyfin LLM/"AI" Development Policy

 2026-01-28  1 min  2 words




HACKER NEWS

Summary: <https://news.ycombinator.com/item?id=46801976>>Comments

 Read full article:

<https://jellyfin.org/docs/general/contributing/llm-policies/>

Trinity large: An open 400B sparse MoE model

 2026-01-28  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46789561)



Read full article:

<https://www.arcee.ai/blog/trinity-large>

Did a celebrated researcher obscure a baby's poisoning?

 2026-01-28  1 min  2 words

HACKER NEWS


Summary: [Comments](https://news.ycombinator.com/item?id=46789205)



Read full article:

<https://www.newyorker.com/magazine/2026/02/02/did-a-celebrated-researcher-obscure-a-fatal-poisoning>

How London became the rest of the world's startup capital

 2026-01-28  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46789180)

 Read full article:

<https://www.economist.com/britain/2026/01/26/how-london-became-the-rest-of-the-worlds-startup-capital>

Apple to Soon Take Up to 30% Cut from All Patreon Creators in iOS App

 pier25  2026-01-28  1 min  13 words

HACKER NEWS


Summary:

Article URL: <https://www.macrumors.com/2026/01/28/patreon-apple-tax/>

Comments URL: <https://news.ycombinator.com/item?id=46801419>

Points: 27

Comm...

 Read full article:

<https://www.macrumors.com/2026/01/28/patreon-apple-tax/>

First In Vivo Demonstration of Nose-to-Brain Drug Delivery of Memantine Using NosaPlugs Nasal Inserts



Eliasson, E., Hallgren, O., Onnervik, P.-O., Deierborg, T.



2026-01-28



1 min



257 words

BIORXIV NEUROSCIENCE

Summary: Treatment of neurological disorders such as Alzheimer's disease remains a challenge due to ineffective drug delivery to the brain. In recent years, intranasal administration has emerged as a promising non-invasive approach for nose-to-brain delivery. Compared to other routes of administration, nose-...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701702v1?rss=1>

Calcium-binding protein expression alone is insufficient to identify and classify GABAergic neurons in macaque cortex



Brigande, A. M., Krueger, J., Park, C., Disney, A. A.



2026-01-28



1 min



239 words

BIORXIV NEUROSCIENCE

Summary: Understanding neuron subclasses and their functional consequences can contribute to understanding brain circuits. A scheme long used to classify GABAergic neurons in the neocortex is based on expression of three calcium-binding proteins (CBPs): parvalbumin (PV), calbindin D-28K (CB), and calretinin ...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701495v1?rss=1>

Protein synthesis blockade prevents fear memory reactivation via inhibition of engram synapse strengthening

Ilgang HongYeonjun KimHyunsu JungChang-Ho KimJun-Hyeong ChoBong-Kiun KaangaLearning and Memory Group, Center for Memory and Glioscience, Institute for Basic Science, Daejeon 34126, South KoreaabInterdisciplinary Program in Neuroscience, College of Natural Sciences, Seoul National University, Seoul 08826, South KoreaacDepartment of Biological Sciences, College of Natural Sciences, Seoul National University, Seoul 08826, South KoreadDepartment of Molecular, Cell and Systems Biology, University of California, Riverside, CA 92521eDepartment of Biological Sciences, Korea Advanced Institute of Science and Technology, Daejeon 34141, South Korea

 2026-01-12  1 min  51 words

PNAS NEUROSCIENCE




Summary: Proceedings of the National Academy of Sciences, Volume 123, Issue 3, January 2026.
SignificanceMemory is not stored solely within specialized engram “cells” but also in the dynamic connections between them called engram synapses. Our study shows that the formation and maintenance of these syn...



Read full article:

<https://www.pnas.org/doi/abs/10.1073/pnas.2510016123?af=R>

Not all minds think alike: Examining the impact of time and task on visual and verbal thought.

 2024-10-14  1 min  259 words





CLINICAL NEUROSCIENCE

Summary: Research suggests that individuals have different phenomenological experiences across various tasks. However, little is known about how these experiences vary by task or over time. This study examined participants' experiences of task-unrelated thoughts (i.e., TUTs), visual, and verbal thoughts across...

 Read full article:


<http://doi.org/10.1037/cns0000406>

Oxyde: async type-safe Pydantic-centric Python ORM

 /u/
mr_Fatalyst  2026-01-28  5 min  1131 words




REDDIT PYTHON

Summary: Hey everyone! Sharing a project I've been working on: **Oxyde ORM**. It's an async ORM for Python with a Rust core that uses Pydantic v2 for models. **GitHub:** [github.com/...](https://github.com/mr-fatalyst/oxyde)

 Read full article:

https://www.reddit.com/r/Python/comments/1qpm140/oxyde_async_typesafe_pydanticcentric_python_orm/

Who sets the Doomsday Clock?

 2026-01-28  1 min  2 words

HACKER NEWS


Summary: [Comments](https://news.ycombinator.com/item?id=46800623)



Read full article:

<https://www.popularmechanics.com/science/a70162364/setting-the-doomsday-clock/>

Trying to craft AI images that are worth displaying to end users

 2026-01-28  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46800303)



Read full article:

<https://www.approachwithalacrity.com/how-to-turn-sfo-jfk-into-a-beautiful-photo/>

The Five Levels: From Spicy Autocomplete to the Software Factory

 2026-01-23  1 min  2 words




HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46739117)

 Read full article:

<https://www.danshapiro.com/blog/2026/01/the-five-levels-from-spicy-autocomplete-to-the-software-factory/>

Show HN: I'm building an AI-proof writing tool. How would you defeat it?

 callmeed  2026-01-28  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://auth-auth.vercel.app/>

Comments URL: <https://news.ycombinator.com/item?id=46799402>





Points: 3

Comments: 1

 Read full article:

<https://auth-auth.vercel.app/>

Show HN: A MitM proxy to see what your LLM tools are sending

 jmuncor  17 2026-01-28  1 min  65 words

HACKER NEWS





Summary:

I built this out of curiosity about what Claude Code was actually sending to the API. Turns out, watching your tokens tick up in real-time is oddly satisfying.

 Sherlock sits between your LLM tools and the API, showing you every request with a live dashboard, and auto-saved copies of every prompt...

 Read full article:
<https://github.com/jmuncor/sherlock>

Trying to craft AI images that are worth displaying to end users

 bblcla  17 2026-01-28  1 min  13 words

HACKER NEWS




Summary:

Article URL: <https://www.approachwithalacrity.com/how-to-turn-sfo-jfk-into-a-beautiful-photo/>

Comments URL: <https://news.ycombinator.com/item?id=46800303>

 Read full article:
<https://www.approachwithalacrity.com/how-to-turn-sfo-jfk-into-a-beautiful-photo/>

Show HN: Cursor for Userscripts

 mifydev  2026-01-28  1 min  214 words





HACKER NEWS

Summary: <p>I've been experimenting with embedding an Claude Code/Cursor-style coding agent directly into the browser.<p>At a high level, the agent generates and maintains userscripts and CSS that are re-applied on page load. Rather than just editing DOM via JS in console the agent is treating the page, and ...

 Read full article:


<https://github.com/chebykinn/browser-code>

Who sets the Doomsday Clock?

 littlexsparkee  2026-01-28  1 min  13 words





HACKER NEWS

Summary: <p>Article URL: https://www.popularmechanics.com/science/a70162364/setting-the-doomsday-clock/</p> <p>Comments URL: https://news.ycombinator.com/item?i...

 Read full article:

<https://www.popularmechanics.com/science/a70162364/setting-the-doomsday-clock/>

Native Instruments enters into insolvency proceedings

 elevaet  17 2026-01-28  1 min  13 words

HACKER NEWS

Summary:





Article URL: <https://www.engadget.com/audio/native-instruments-enters-into-insolvency-proceedings-leaving-its-future-uncertain-183206826.html>

Comme...

 **Read full article:**

<https://www.engadget.com/audio/native-instruments-enters-into-insolvency-proceedings-leaving-its-future-uncertain-183206826.html>

What does Werner Herzog's nihilist penguin teach us about life?


 Marceltan  17 2026-01-28  1 min  13 words

HACKER NEWS

Summary:




Article URL: <https://lwies.com/article/werner-herzog-penguin-encounters-at-the-end-of-the-world>

Comments URL: <https://news.ycombinator.com/item?id=46801225>

 **Read full article:**

<https://lwies.com/article/werner-herzog-penguin-encounters-at-the-end-of-the-world>

The representation of omitted sounds in the mouse auditory cortex


 2026-01-28  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:

<https://www.nature.com/articles/s41467-026-68847-w>

Holistic motor control of zebra finch song syllable sequences

 2026-01-28  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS


 Read full article:

<https://www.nature.com/articles/s41586-025-10069-z>

Cholinergic modulation of dopamine release drives effortful behaviour


 2026-01-28  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:

<https://www.nature.com/articles/s41586-025-10046-6>

How your brain chemistry rewards hard work

 2026-01-28  1 min  0 words


NATURE NEUROSCIENCE SUBJECTS



Read full article:

<https://www.nature.com/articles/d41586-026-00282-9>

Bioinspired spiking architecture enables energy constrained touch encoding

 2026-01-28  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS






Read full article:

<https://www.nature.com/articles/s41467-026-68858-7>

Brain displacement and nonlinear deformation following human spaceflight

Tianyi WangRouglas J. OdorYiri E. De DiosEdwin MulderJacob J. BloombergScott J. WoodRachael D. SeidlerDepartment of Applied Physiology and Kinesiology, University of Florida, Gainesville, FL

 32611bKBR, Inc., Houston, TX 77058cGerman Aerospace Center, Cologne 51147, GermanydNeuroscience Laboratory, NASA Johnson Space Center, Houston, TX 77058eDepartment of Neurology, University of Florida, Gainesville, FL 32610

 2026-01-12  1 min  51 words

PNAS NEUROSCIENCE

Summary: Proceedings of the National Academy of Sciences, Volume 123, Issue 3, January 2026.
SignificanceUnderstanding how spaceflight impacts the human brain is crucial as space exploration and tourism expand. We find that the brain shifts upward and backward within the skull following spaceflight, wi...

 Read full article:

<https://www.pnas.org/doi/abs/10.1073/pnas.2505682122?af=R>

Native Linux VST plugin directory

 2026-01-28  1 min  2 words

HACKER NEWS

Summary: <https://news.ycombinator.com/item?id=46800737>>Comments

 Read full article:

<https://linuxmusic.rocks>

ahe: a minimalist image-processing library for contrast enhancement



/u/
chromium52



2026-01-28



1
min



236
words

REDDIT PYTHON

Summary: I just published the first alpha version of my new project: a minimal, highly consistent, portable and fast library for (contrast limited) (adaptive) histogram equalization of image arrays in Python. The heavily lifting is done in Rust. If you find this useful, plea...



Read full article:

https://www.reddit.com/r/Python/comments/1qp94or/ahe_a_minimalist_imageprocessing_library_for/

I have written gemma3 inference in pure C



2026-01-26



1
min



2
words

HACKER NEWS


Summary: [Comments](https://news.ycombinator.com/item?id=46765772)




Read full article:


<https://github.com/robitec97/gemma3.c>

UV + FastAPI + Tortoise ORM template

 /u/
Nekogi1

 2026-01-28

 1
min

 290
words


REDDIT PYTHON

Summary: <!-- SC_OFF --><div class="md"><p>I found myself writing this code every time I start a new project, so I made it a template.</p> <p>I wrote a pretty-descriptive guide on how it's structured in the README, it's basically <code>project.lib</code> for application support code, <code>project.db</code> ...


 Read full article:

https://www.reddit.com/r/Python/comments/1qpdnxx/uv_fastapi_tortoise_orm_template/

3D-Printed Mathematical Lampshades

 2026-01-24

 1
min

 2
words





HACKER NEWS

Summary: Comments

 Read full article:

<https://hessammehr.github.io/blog/posts/2025-12-24-maths-to-lampshade.html>

When Every Network is 192.168.1.x

 pcarroll  17 2026-01-28  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://netrinos.com/blog/conflicting-subnets>





Comments URL: <https://news.ycombinator.com/item?id=46795582>

Points: 25

Comments: 12

 Read full article:
<https://netrinos.com/blog/conflicting-subnets>

Computer History Museum Launches Digital Portal to Its Collection


 ChrisArchitect  17 2026-01-28  1 min  13 words

HACKER NEWS


Summary:

Article URL: <https://computerhistory.org/press-releases/computer-history-museum-launches-digital-portal-to-its-vast-collection/>

Comments URL: <https://ne...>

 Read full article:
<https://computerhistory.org/press-releases/computer-history-museum-launches-digital-portal-to-its-vast-collection/>

LM Studio 0.4.0

 jiqiren  17 2026-01-28  1 min  13 words

HACKER NEWS


Summary:

Article URL: <https://lmstudio.ai/blog/0.4.0>





Comments URL: <https://news.ycombinator.com/item?id=46799477>

Points: 22

Comments: 3

 Read full article:
<https://lmstudio.ai/blog/0.4.0>

Dogmatic Bayesianism Disorder

 noreply@blogger.com (Daniel Lakens)  17 2025-12-06  4 min  910 words

TWENTY PERCENT STATISTICIAN

Summary:

Note: This humorously intended sarcastic blog post directly mimics classifications of psychological disorders in the Diagnostic and Statistical Manual of the American Psychological Association, but Dogmatic Bayesianism is not in the DSM-5 as an actual psychologic...

 Read full article:
<http://daniellakens.blogspot.com/2025/12/dogmatic-bayesianism-disorder.html>

Best practices while testing, benchmarking a library involving sparse linear algebra?



/u/

BawliTaread



2026-01-28



1

min



287

words

REDDIT PYTHON

Summary: I am working on a python library which heavily utilises sparse matrices and functions from Scipy like <https://docs.scipy.org/doc/scipy-1.17.0/reference/generated/scipy.sparse.linalg.spsolve.html> for solving a sparse linear systems $Ax=b$.



Read full article:

https://www.reddit.com/r/Python/comments/1qpb1ln/best_practices_while_testing_benchmarking_a/

Large simulation performance: objects vs matrices



/u/

Willing_Employee_600



2026-01-28



1

min



186

words

REDDIT PYTHON

Summary: Hi!

Let's say you have a simulation of 100,000 entities for X time periods.

These entities do not interact with each other. They all have some defined properties such as:




- Revenue
- Expenditure
- Size
- Location
- ...



Read full article:

https://www.reddit.com/r/Python/comments/1qp59it/large_simulation_performance_objects_vs_matrices/

Immanuel 'the Königsberg clock' Kant (2015)

 2026-01-25  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46755278)



Read full article:

<https://www.versobooks.com/en-gb/blogs/news/1963-immanuel-kant-the-errrr-walker>

Mousefood – Build embedded terminal UIs for microcontrollers

 2026-01-28  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46798402)



Read full article:

<https://github.com/ratatui/mousefood>

Android's full desktop interface leaks: New status bar, Chrome Extensions




 2026-01-28  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46790740)

 Read full article:
<https://9to5google.com/2026/01/27/android-desktop-leak/>

Oban, the job processing framework from Elixir, has come to Python

 2026-01-28  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46797594)

 Read full article:
https://www.dimamik.com/posts/oban_py/

Oban, the job processing framework from Elixir, has come to Python



dimamik



2026-01-28

1
min13
words

HACKER NEWS

Summary:

Article URL: https://www.dimamik.com/posts/oban_py/

Comments URL: <https://news.ycombinator.com/item?id=46797594>

Points: 44

Comments: 17



Read full article:

https://www.dimamik.com/posts/oban_py/

Spinning around: Please don't – Common problems with spin locks



bdash



2026-01-28

1
min13
words

HACKER NEWS

Summary:

Article URL: <https://www.siliceum.com/en/blog/post/spinning-around/>

Comments URL: <https://news.ycombinator.com/item?id=46797868>

Points: 5






Comment...



Read full article:

<https://www.siliceum.com/en/blog/post/spinning-around/>

Show HN: I Built a Sandbox for Agents

 vrn21  2026-01-28  1 min  13 words 

Summary:

Article URL: <https://github.com/vrn21/bouvet.com>






Comments URL: <https://news.ycombinator.com/item?id=46797895>

Points: 28

Comments: 29

 Read full article:
<https://github.com/vrn21/bouvet.com>

Mousefood – Build embedded terminal UIs for microcontrollers

 orhunp_  2026-01-28  1 min  13 words 

Summary:

Article URL: <https://github.com/ratatui/mousefood>





Comments URL: <https://news.ycombinator.com/item?id=46798402>

Points: 14

Comments: 1

 Read full article:
<https://github.com/ratatui/mousefood>

That's Not How Email Works, HSBC

 HotGarbage
  2026-01-28
  1 min
  13 words
 [HACKER NEWS](#)

Summary:

Article URL: <https://danq.me/2026/01/28/hsbc-dont-understand-email/>

Comments URL: <https://news.ycombinator.com/item?id=46799304>

Points: 11

Commen...

 **Read full article:**
<https://danq.me/2026/01/28/hsbc-dont-understand-email/>



Assessing the eligibility of Brainomix e-ASPECTS for acute stroke imaging

 Maciej Guziński
  2025-12-11
  1 min
  267 words
 [FRONTIERS NEUROINFORMATICS](#)

Summary: BackgroundTimely and accurate assessment of acute ischemic stroke is crucial for determining eligibility for mechanical thrombectomy. The Alberta Stroke Program Early CT Score (ASPECTS) is a widely used tool for evaluating early ischemic changes on non-contrast CT (NCCT), but its interpretation is s...

 **Read full article:**
<https://www.frontiersin.org/articles/10.3389/fninf.2025.1668395>

I Overengineered a Spinning Top

 2026-01-23  1 min  2 words

HACKER NEWS


Summary: [Comments](https://news.ycombinator.com/item?id=46728070)



Read full article:

<https://www.youtube.com/watch?v=Wp5NodfvvF4>

Amazon One palm authentication discontinued

 2026-01-28  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46797913)



Read full article:

<https://amazonone.aws.com/help>

Amazon One palm authentication discontinued

 2026-01-28  1 min  2 words

HACKER NEWS





Summary: [Comments](https://news.ycombinator.com/item?id=46797913)



Read full article:

<https://amazonone.aws.com/help>

Show HN: I built a small browser engine from scratch in C++

 crediblejhj  2026-01-28  1 min  117 words

HACKER NEWS

Summary:

Hi HN! Korean high school senior here, about to start CS in college.

I built a browser engine from scratch in C++ to understand how browsers work. First time using C++, 8 weeks of development, lots of debugging—but it works!

Features:


- HTML parsing with error correction
- CSS cascade and...




Read full article:


https://github.com/beginner-jhj/mini_browser

Call for Applications Editor-in-Chief: IEEE Open Journal of Engineering in Medicine and Biology

 Deidre
Artis

 17 2025-04-04

 1
min

 22
words


EMBS


Summary: <p>The post Call for Applications Editor-in-Chief: IEEE Open Journal of Engineering in Medicine and Biology appeared first on IEEE EMBS.</p>

 Read full article:

https://www.embs.org/ojemb/search-for-editor-in-chief/#new_tab

Open Call for AdCom Nominations

 Nancy
Zimmerman

 17 2025-05-02

 1
min

 14
words




EMBS

Summary: <p>The post Open Call for AdCom Nominations appeared first on IEEE EMBS.</p>

 Read full article:

<https://www.embs.org/uncategorized/call-for-adcom-nominations/>

Metacognitive ability is associated with reduced emotion suppression

 2026-01-28  1 min  0 words


NATURE NEUROSCIENCE SUBJECTS



Read full article:

<https://www.nature.com/articles/s41598-026-37054-4>

Comparing qualitative thematic analysis and machine-based topic modelling in the analysis of autistic and ADHD young people's accounts of emotions

 2026-01-28  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS



Read full article:

<https://www.nature.com/articles/s41598-025-34570-7>

Human approach-avoidance conflict behaviour relates to transdiagnostic psychiatric symptom dimensions

 2026-01-28  1 min  0 words




NATURE NEUROSCIENCE SUBJECTS



Read full article:

<https://www.nature.com/articles/s41398-026-03835-8>

Mu rhythm motor–auditory delay in imagined speech mirrors overt speech timing




 2026-01-28  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:


<https://www.nature.com/articles/s41598-026-37421-1>

Amazon axes 16,000 jobs as it pushes AI and efficiency

 2026-01-28  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46796745)

 Read full article:

<https://www.reuters.com/legal/litigation/amazon-cuts-16000-jobs-globally-broader-restructuring-2026-01-28/>

Amazon axes 16,000 jobs as it pushes AI and efficiency

 DGAP  2026-01-28  1 min  13 words

HACKER NEWS

Summary:




Article URL: <https://www.reuters.com/legal/litigation/amazon-cuts-16000-jobs-globally-broader-restructuring-2026-01-28/>

Comments URL: <https://news.ycombinator.c...>

 Read full article:


<https://www.reuters.com/legal/litigation/amazon-cuts-16000-jobs-globally-broader-restructuring-2026-01-28/>

Show HN: Cua-Bench – a benchmark for AI agents in GUI environments

 2026-01-26  1 min  2 words




HACKER NEWS

Summary: <https://news.ycombinator.com/item?id=46768906> Comments

 Read full article:

<https://github.com/trycua/cua>

A verification layer for browser agents: Amazon case study

 2026-01-28  1 min  2 words

HACKER NEWS


Summary: [Comments](https://news.ycombinator.com/item?id=46790127)



Read full article:

<https://senticenceapi.com/blog/verification-layer-amazon-case-study>

A verification layer for browser agents: Amazon case study

 2026-01-28  1 min  2 words

HACKER NEWS



Summary: [Comments](https://news.ycombinator.com/item?id=46790127)



Read full article:

<https://senticenceapi.com/blog/verification-layer-amazon-case-study>

Dole Kemp 96 Web Site

 2026-01-28  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46796571)



Read full article:

<https://www.dolekemp96.org/main.htm>

Airfoil (2024)

 2026-01-28  1 min  2 words

HACKER NEWS



Summary: [Comments](https://news.ycombinator.com/item?id=46795908)



Read full article:

<https://ciechanow.ski/airfoil/>

Airfoil (2024)

 2026-01-28  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46795908)

 **Read full article:**
<https://ciechanow.ski/airfoil/>

Microsoft forced me to switch to Linux


 2026-01-28  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46795864)

 **Read full article:**
<https://www.himthe.dev/blog/microsoft-to-linux>

Microsoft forced me to switch to Linux

 2026-01-28  1 min  2 words


HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46795864)

 Read full article:

<https://www.himthe.dev/blog/microsoft-to-linux>

IEEE EMBS Appoints Sunghoon “Ivan” Lee, Ph.D., as Editor-in-Chief of EMBC Proceedings, the Leading Biomedical Engineering Conference Publication

 Nancy
Zimmerman

 2025-08-19  1 min  79 words





EMBS

Summary: (Piscataway, N.J., August 12, 2025) Sunghoon “Ivan” Lee, Ph.D., a Donna M. and Robert J. Manning Faculty Fellow and an Associate Professor of computer science, electrical and computer engineering, and [Continu...](https://www.embs.org/press/embc-eic-sunghoon-ivan-lee/)

 Read full article:

<https://www.embs.org/press/embc-eic-sunghoon-ivan-lee/>

Welcoming the Newly Elected EMBS AdCom Members for 2026–2028

 dziura  2025-12-10  1 min  18 words

EMBS

Summary: <p>The post Welcoming the Newly Elected EMBS AdCom Members for 2026–2028 appeared first on IEEE EMBS.</p>

 Read full article:


<https://www.embs.org/featured-news/welcoming-the-newly-elected-embs-adcom-members-for-2026-2028/>

Package Management Is a Wicked Problem

 2026-01-24  1 min  2 words



HACKER NEWS

Summary: Comments

 Read full article:

<https://nesbitt.io/2026/01/23/package-management-is-a-wicked-problem.html>

Show HN: Dwm.tmux – a dwm-inspired window manager for tmux

 2026-01-24  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46739704)

 Read full article:
<https://github.com/saysjonathan/dwm.tmux>

Single administration of vitamin C produces rapid antidepressant-like effects in female mice: A possible role of dopamine D2 receptor signalling

 1 min  19 words

BRAIN RESEARCH

Summary:

Publication date: 15 March 2026


Source: Brain Research, Volume 1875

Author(s): Ming-Lian Luo, Yi-Heng Li, Xue-Mei Gao, Yuan-Jian Yang, Shu-Zhen Jiang

 Read full article:
https://www.sciencedirect.com/science/article/pii/S0006899326000399?dgcid=rss_sd_all

Longitudinal P2X7R and myelin PET reveal distinct neuroinflammatory and white matter signatures compared with TSPO PET and DTI-MRI in the TgF344-AD rat model

 1
min

 24
words

NEUROIMAGE

Summary: <p>Publication date: 15 February 2026</p><p>Source: Neurolmage, Volume 327</p><p>Author(s): Oscar Moreno, Izaro Fernández, Sandra Plaza-García, Daniel Padro, Zuriñe Baz, Pedro Ramos-Cabrer, Abraham Martín, Jordi Llop</p>




Read full article:

https://www.sciencedirect.com/science/article/pii/S1053811926000716?dgcid=rss_sd_all

Temporal evolution of neural codes: The added value of a geometric approach to linear coefficients

 1
min

 18
words

NEUROIMAGE

Summary: <p>Publication date: 15 February 2026</p><p>Source: Neurolmage, Volume 327</p><p>Author(s): Théo Desbordes, Itsaso Olasagasti, Nicolas Piron, Sophie Schwartz, Nina Kazanina</p>



Read full article:

https://www.sciencedirect.com/science/article/pii/S1053811926000558?dgcid=rss_sd_all

Neural representations of emotional response inhibition reveal trait and state biomarkers in pediatric bipolar disorder

 1
min

 18
words


NEUROIMAGE

Summary:

Publication date: 15 February 2026

Source: Neurolmage, Volume 327

Author(s): Jia Li, Rong Wang, Jianze Wu, Qian Xiao, Yuan Zhong

 Read full article:

https://www.sciencedirect.com/science/article/pii/S105381192600056X?dgcid=rss_sd_all

Added value of quantitative [¹⁸F]FDG-PET analysis in MRI-negative epilepsy: A simulation-based study using realistic ground-truths

 1
min

 41
words

NEUROIMAGE

Summary:

Publication date: 15 February 2026

Source: Neurolmage, Volume 327


Author(s): Andrés Perissinotti, Arnau Farré-Melero, Francisco J. López-González, María del Carmen Mallón-Araujo, Julia Cortés, Xavier Setoain, Andrea Fritsch, Katherine Quintero, Angela Esteban, Silvia Morbelli, ...

 Read full article:

https://www.sciencedirect.com/science/article/pii/S1053811926000583?dgcid=rss_sd_all

Motor-based prediction during preparation of hand movement modulates auditory processing in two distinct directions

 1
min

 22
words

NEUROIMAGE

Summary: <p>Publication date: 15 February 2026</p><p>Source: Neurolmage, Volume 327</p><p>Author(s): Xinjing Li, Xiaodan Zheng, Yuchunzi Wu, Hao Zhu, Yunying Shu, Ruiqi Tong, Xing Tian</p>




Read full article:

https://www.sciencedirect.com/science/article/pii/S1053811926000625?dgcid=rss_sd_all

Divergent neural mechanisms of reward processing and cognitive control in non-substance and substance addiction: A meta-analytic perspective

 1
min

 26
words

NEUROIMAGE

Summary: <p>Publication date: 15 February 2026</p><p>Source: Neurolmage, Volume 327</p><p>Author(s): Qi Li, Mei Du, Jing Xiao, Ting Li, Kesong Hu, Song Tu, Xun Liu, Lingxiao Wang, Weine Dai</p>




Read full article:


https://www.sciencedirect.com/science/article/pii/S1053811926000534?dgcid=rss_sd_all

Converting from Pandas to Polars - Ressources

/u/
aala7

 2026-01-27

 1
min

 87
words

REDDIT PYTHON

Summary: <!-- SC_OFF --><div class="md"><p>In light of Pandas v3 and former Pandas core dev, Marc Garcia's blog post, that recommends Polars multiple times, I think it is time for me to inspect the new bear 🐻</p> <p>Usually I would have read the whole documentation, but I am father now, so time is limited...

 Read full article:

https://www.reddit.com/r/Python/comments/1qoo8ka/converting_from_pandas_to_polars_ressources/

I built a Python IDE that runs completely in your browser (no login, fully local)

/u/Regular-
Entrance-205

 2026-01-28

 1
min

 217
words

REDDIT PYTHON

Summary: <!-- SC_OFF --><div class="md"><p>I've been working on this browser-based Python compiler and just want to share it in case anyone finds it useful: https://pythoncompiler.io/</p> <p>What's different about it:</p> <p>First of all, Everything runs in your browse...

 Read full article:

https://www.reddit.com/r/Python/comments/1qp6smf/i_built_a_python_ide_that_runs_completely_in_your/

SoftBank in Talks to Invest Up to \$30B More in OpenAI

 JumpCrisscross  2026-01-28  1 min  13 words HACKER NEWS

Summary:

Article URL: <https://www.wsj.com/tech/ai/softbank-in-talks-to-invest-up-to-30-billion-more-in-openai-8585dea3>

Comments URL: <https://news.ycombinator.com/item?id=46794258>...




 **Read full article:**
<https://www.wsj.com/tech/ai/softbank-in-talks-to-invest-up-to-30-billion-more-in-openai-8585dea3>

Correction: Reciprocal regulation of oxidative stress and mitochondrial fission augments parvalbumin downregulation through CDK5-DRP1- and GPx1-NF-κB signaling pathways

 2026-01-28  1 min  0 words NATURE NEUROSCIENCE SUBJECTS

 **Read full article:**
<https://www.nature.com/articles/s41419-025-08409-y>

Kyber (YC W23) Is Hiring a Staff Engineer

 2026-01-28  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46794231)



Read full article:

<https://www.ycombinator.com/companies/kyber/jobs/GPJkv5v-staff-engineer-tech-lead>

If You Tax Them, Will They Leave?

 2026-01-28  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46794472)



Read full article:

<https://www.theatlantic.com/economy/2026/01/california-wealth-tax-billionaire-migration/685779/>

ICE and Palantir: US agents using health data to hunt illegal immigrants

 2026-01-28  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46794365)

 Read full article:

<https://www.bmj.com/content/392/bmj.s168>

Virtual Boy on TV with Intelligent Systems Video Boy

 hcs  2026-01-28  1 min  13 words

HACKER NEWS


Summary:

Article URL: <https://hcs64.com/video-boy-vue/>

Comments URL: <https://news.ycombinator.com/item?id=46792572>

Points: 8

Comments: 0

 Read full article:

<https://hcs64.com/video-boy-vue/>

Google just gave us an accidental first look at Android's PC future



tambourine_man



2026-01-28



1
min



13
words

HACKER NEWS

Summary:

Article URL: <https://www.androidauthority.com/google-aluminium-os-first-look-bug-report-3635801/>

Comments URL: <https://news.ycombinator.com/item?id=46793721>



Read full article:

<https://www.androidauthority.com/google-aluminium-os-first-look-bug-report-3635801/>

Kyber (YC W23) Is Hiring a Staff Engineer



asontha



2026-01-28



1
min



13
words

HACKER NEWS

Summary:

Article URL: <https://www.ycombinator.com/companies/kyber/jobs/GPJkv5v-staff-engineer-tech-lead>

Comments URL: <https://news.ycombinator.com/item?id=46794231>



Read full article:

<https://www.ycombinator.com/companies/kyber/jobs/GPJkv5v-staff-engineer-tech-lead>

ICE and Palantir: US agents using health data to hunt illegal immigrants



dberhane



2026-01-28



1
min



13
words

HACKER NEWS

Summary:

Article URL: <https://www.bmj.com/content/392/bmj.s168>

Comments URL: <https://news.ycombinator.com/item?id=46794365>

Points: 43

Comments: 2



Read full article:

<https://www.bmj.com/content/392/bmj.s168>

If You Tax Them, Will They Leave?



JumpCrisscross



2026-01-28



1
min



13
words

HACKER NEWS

Summary:

Article URL: <https://www.theatlantic.com/economy/2026/01/california-wealth-tax-billionaire-migration/685779/>

Comments URL: <https://news.ycombinator.com/item?id=46794472>




Read full article:

<https://www.theatlantic.com/economy/2026/01/california-wealth-tax-billionaire-migration/685779/>

Effects of personalized vs. non-personalized neurostimulation protocols in improving speech and limb reaction times

 1
min

 21
words

NEUROSCIENCE JOURNAL

Summary:

Publication date: 5 March 2026

Source: Neuroscience, Volume 596


Author(s): Fatemeh Tabari, Joel Isaac Berger, Arend W.A. Van Gemmert, Melda Kunduk, Karim Johari

 Read full article:

https://www.sciencedirect.com/science/article/pii/S0306452226000072?dgcid=rss_sd_all

A multi-view DTI feature fusion framework for enhanced diagnosis of Alzheimer's disease

 1
min

 20
words


NEUROSCIENCE JOURNAL

Summary:

Publication date: 17 March 2026

Source: Neuroscience, Volume 597

Author(s): Jianping Qiao, Guangchao Zhou, Shaoqi Wu, Hao Shang, Qi Yuan, Jiande Sun

 Read full article:

https://www.sciencedirect.com/science/article/pii/S0306452226000497?dgcid=rss_sd_all

From truth to deception: a network control theory perspective on brain connectivity and cognitive dynamics

 1
min

 20
words

BRAIN RESEARCH


Summary: <p>Publication date: 15 March 2026</p><p>Source: Brain Research, Volume 1875</p><p>Author(s): Ali Rahimi Saryazdi, Farnaz Ghassemi, Fatemeh Parastesh, Karthikeyan Rajagopal, Sajad Jafari</p>

 Read full article:

https://www.sciencedirect.com/science/article/pii/S000689932600017X?dgcid=rss_sd_all

Evaluation of neurobiochemical and behavioral responses to carvone nanoemulsion: A neuroprotective approach for Alzheimer's disease-associated dementia in a rat model

 1
min

 27
words



BRAIN RESEARCH

Summary: <p>Publication date: 15 March 2026</p><p>Source: Brain Research, Volume 1875</p><p>Author(s): Sahand Kabiri, Pariya Gholizadeh Dangheralou, Farnaz Khazaeifard, Samir Rostami Mehr, Seyedeh Mohadeseh Mansouri, Nahal Rahimi Rad, Saeid Abbasi-Maleki</p>

 Read full article:

https://www.sciencedirect.com/science/article/pii/S0006899326000016?dgcid=rss_sd_all

Pandas 3.0

 2026-01-23  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46734641)



Read full article:

<https://pandas.pydata.org/community/blog/pandas-3.0.html>

Show HN: The HN Arcade

 2026-01-28  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46793693)



Read full article:

<https://andrewgy8.github.io/hnarcade/>

Australian high schoolers build coding platform to help learners in Sri Lanka



thadusTeam



2026-01-28

1
min13
words

HACKER NEWS

Summary:

Article URL: <https://www.abc.net.au/news/2026-01-21/qld-teenagers-create-coding-app-code-lab-sri-lanka-students/106225842>

Comments URL: <https://news.ycombinat...>



Read full article:

<https://www.abc.net.au/news/2026-01-21/qld-teenagers-create-coding-app-code-lab-sri-lanka-students/106225842>

Show HN: The HN Arcade



yuppiepuppie



2026-01-28

1
min63
words

HACKER NEWS

Summary:

I love seeing all the small games that people build and post to this site. I don't want to forget any, so I have built a directory/arcade for the games here that I maintain. Feel free to check it out, add your game if its missing and let me know what you think. Thanks!


Comments ...



Read full article:

<https://andrewgy8.github.io/hnarcade/>

Looking back, looking forward.




 2025-10-30  1 min  60 words

CLINICAL NEUROSCIENCE

Summary: Looking back at the editor's two 3-year terms as editor of *Psychology of Consciousness*, they feel that they and the journal's associate editors have satisfied their two editorial aspirations: (a) providing authors with fair and constructive reviews and (b) providing readers with high-quality...

 Read full article:
<http://doi.org/10.1037/cns0000437>

ASML staffing changes could result in a net reduction of around 1700 positions





 2026-01-28  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46792370)

 Read full article:
<https://www.asml.com/en/news/press-releases/2026/strengthening-focus-on-engineering-and-innovation>

ASML staffing changes could result in a net reduction of around 1700 positions

 dep_b  17 2026-01-28  1 min  13 words

HACKER NEWS

Summary:





Article URL: <https://www.asml.com/en/news/press-releases/2026/strengthening-focus-on-engineering-and-innovation>

Comments URL: <https://news.ycombinator.com/item?id=46792...>

 Read full article:

<https://www.asml.com/en/news/press-releases/2026/strengthening-focus-on-engineering-and-innovation>

Devuan – Debian Without Systemd

 smartmic  17 2026-01-28  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://www.devuan.org/>

Comments URL: <https://news.ycombinator.com/item?id=46792783>


Points: 4



Comments: 2

 Read full article:

<https://www.devuan.org/>

Left-right asymmetry of the microminipig brain.

 Fujiwara, Y., Yoshizaki, K., Mikoshiba, R., Wang, N., Seki, A., Takasu, M., Goda, N., Chiken, S., Nambu, A., Shinohara, Y.

 2026-01-28  1 min  184 words


BIORXIV NEUROSCIENCE

Summary: Left-right asymmetry of the brain is well recognized in various animals including *C. elegans*, *drosophila* and zebrafish. In primates, most of the brain studies describe side of the brain. However, in spite of huge amounts of accumulating rodent studies on neuroscience, most of rodent studies do not d...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.25.700707v1?rss=1>

Noninvasive and Objective Near Real-Time Detection of Pain Changes in Fluctuating Pain

 Visser, L., Buechel, C.

 2026-01-28  1 min  250 words

BIORXIV NEUROSCIENCE

Summary: Chronic pain involves natural intensity fluctuations that patients cannot control, contributing to learned helplessness and functional impairment. Detecting spontaneous pain decreases could enable precisely timed interventions that enhance perceived control. However, existing research on objective p...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701710v1?rss=1>

Neurogranin enhances spontaneous activity and neuronal survival of hippocampal neurons



Martinez-Blanco, E., de Andres, R., Lopez-Merino, E., Esteban, J. A., Diez-Guerra, F.

J.

17 2026-01-28



1
min



247
words

BIORXIV NEUROSCIENCE

Summary: Neurogranin (Ng) is a postsynaptic protein highly enriched in forebrain neurons and implicated in synaptic plasticity through its ability to bind calmodulin. However, its impact on neuronal development, network dynamics, and cellular homeostasis remains incompletely understood. In this study, we exa...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.27.701932v1?rss=1>

Attention-like regulation of theta sweeps in the brain's spatial navigation circuit



Vollan, A. Z., Schellenberger, M. F., Moser, M.-B., Moser, E.

I.



17 2026-01-28



1
min



126
words

BIORXIV NEUROSCIENCE

Summary: Spatial attention supports navigation by prioritizing information from selected locations. A candidate neural mechanism is provided by theta-paced sweeps in grid- and place-cell population activity, which sample nearby space in a left-right-alternating pattern coordinated by parasubicular direction ...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.27.702083v1?rss=1>

Heterogeneity in neural network engagement supports individual differences in top-down attention



Holmes, E., Friston, K. J., Griffiths, T. D.



2026-01-28



1 min



144 words

BIORXIV NEUROSCIENCE

Summary: Top-down attention enables selective prioritisation of goal-relevant information, yet how attentional control varies across individuals remains unclear, particularly in relation to sensory processing. Here, we combined magnetoencephalography (MEG) and pupillometry--in older adults performing a spati...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.27.701998v1?rss=1>

Reduced Pupil-Linked Arousal Marks Implicit Memory for Complex Auditory Sequences



Leung, W. S., Yeung, L., Huviyetli, M., Bianco, R., Chait, M.



2026-01-28



1 min



249 words

BIORXIV NEUROSCIENCE

Summary: Observers rapidly form long-lasting implicit memories for recurring sensory patterns, supporting adaptive behaviour through learning of environmental contingencies. Here we tested how such memories interact with neuromodulatory systems that regulate arousal - whether implicit familiarity increases a...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.27.701958v1?rss=1>

Parental state dynamically reshapes auditory processing of offspring vocalizations in zebra finches



Smiley, K. O., Cini, F. A., Ramage-Healey,
L.



2026-01-28



1
min



293
words

BIORXIV NEUROSCIENCE

Summary: Parental care is critical for offspring survival. For many species, including humans, auditory cues unique to dependent offspring, such as baby cries, elicit the necessary behavior from parents to care for young. Despite this, we know little about how the brain encodes auditory cues specific to offs...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.27.702116v1?rss=1>

Inter-neural co-regulation before and after an interactive perturbation in mother-infant dyads



2026-01-28



1
min



0
words


NATURE NEUROSCIENCE SUBJECTS



Read full article:

<https://www.nature.com/articles/s41598-026-36750-5>

Strategies for blood–brain barrier rejuvenation and repair

 2026-01-28  1 min  0 words


NATURE NEUROSCIENCE SUBJECTS



Read full article:

<https://www.nature.com/articles/s41573-025-01364-5>

Convergent transcriptomic and connectomic controllers of information integration and its anaesthetic breakdown across mammalian brains

 2026-01-28  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS



Read full article:

<https://www.nature.com/articles/s41562-025-02381-5>

Representational differentiation and integration within the hippocampal circuit during naturalistic stimuli

 2026-01-28  1 min  0 words




NATURE NEUROSCIENCE SUBJECTS




Read full article:

<https://www.nature.com/articles/s42003-026-09554-6>

Dysfunctional connectivity within hippocampal and entorhinal networks underlies early-life iron deficiency induced social recognition deficits, a preliminary study




 2026-01-28  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:


<https://www.nature.com/articles/s41598-026-36710-z>

Thirty Years of the Square Kilometre Array

 2026-01-25  1 min  2 words




HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46756311)

 Read full article:

<https://physicsworld.com/a/thirty-years-of-the-square-kilometre-array-heres-what-the-worlds-largest-radio-telescope-project-has-achieved-so-far/>

I Stopped Following the News

 2026-01-28  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46792580)



Read full article:

<https://mertbulan.com/2026/01/28/why-i-stopped-following-the-news/>

I Stopped Following the News

 2026-01-28  1 min  2 words

HACKER NEWS


Summary: [Comments](https://news.ycombinator.com/item?id=46792580)



Read full article:

<https://mertbulan.com/2026/01/28/why-i-stopped-following-the-news/>

Rust at Scale: An Added Layer of Security for WhatsApp

 ubj  2026-01-28  1 min  13 words [HACKER NEWS](#)

Summary:

Article URL: <https://engineering.fb.com/2026/01/27/security/rust-at-scale-security-whatsapp/>

Comments URL: <https://news.ycombinator.com/item?id=46791742>

 **Read full article:**
<https://engineering.fb.com/2026/01/27/security/rust-at-scale-security-whatsapp/>



Make.ts

 2026-01-28  1 min  2 words [HACKER NEWS](#)

Summary: <https://news.ycombinator.com/item?id=46792194> Comments

 **Read full article:**
<https://matklad.github.io/2026/01/27/make-ts.html>

Make.ts

 2026-01-28  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46792194)



Read full article:

<https://matklad.github.io/2026/01/27/make-ts.html>

ASML firing 1700 people, mostly managers

 2026-01-28  1 min  2 words

HACKER NEWS



Summary: [Comments](https://news.ycombinator.com/item?id=46792370)



Read full article:

<https://www.ed.nl/binnenland/asml-wil-veel-managementbanen-schrappen-rekent-op-1700-ontslagen~a04807f1/>

ASML firing 1700 people, mostly managers

 2026-01-28  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46792370)

 **Read full article:**

<https://www.ed.nl/binnenland/asml-wil-veel-managementbanen-schrappen-rekent-op-1700-ontslagen~a04807f1/>

'ICE Is Going Too Far': OpenAI's Altman Weighs in on Minnesota

 haritha-j  2026-01-28  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://www.nytimes.com/2026/01/27/business/dealbook/altman-openai-minnesota.html>


Comments URL: <https://news.ycombinator.com/item?id=46792158>

 **Read full article:**

<https://www.nytimes.com/2026/01/27/business/dealbook/altman-openai-minnesota.html>

Programmed cell death pathways in Parkinson's disease: Spotlight on ferroptosis and pyroptosis

 1
min

 18
words


BRAIN RESEARCH

Summary:

Publication date: 15 March 2026


Source: Brain Research, Volume 1875

Author(s): Veerta Sharma, Reet Verma, Prateek Sharma, Thakur Gurjeet Singh


 Read full article:

https://www.sciencedirect.com/science/article/pii/S0006899326000235?dgcid=rss_sd_all

SVG Path Editor


 2026-01-22

 1
min

 2
words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46726269)

 Read full article:

<https://yqnn.github.io/svg-path-editor/>

How the new era of CEO supervillains are trapped in their own ideology



mandevil



2026-01-28



1

min



13

words

HACKER NEWS

Summary: <p>Article URL: https://statmodeling.stat.columbia.edu/2026/01/27/facebook-and-the-inherent-incoherence-of-the-ideology-of-market-leading-tech-companies...



Read full article:

<https://statmodeling.stat.columbia.edu/2026/01/27/facebook-and-the-inherent-incoherence-of-the-ideology-of-market-leading-tech-companies/>

Important Changes to the 2024 ERP Boot Camp

Steve
Luck

2024-03-05



2

min



444

words

ERP BOOT CAMP


Summary: <p class="">We are disappointed to announce that we will not be holding a regular 10-day ERP Boot Camp this summer.</p><p class="">We have held Boot Camps nearly every summer since 2007, supported by a series of generous grants from NIMH that allowed us to provide scholarships for all attendees. Unf...




Read full article:


<https://erpinfo.org/blog/2024/3/5/changes-to-the-2024-erp-boot-camp>

Standardized Measurement Error now available in BrainVision Analyzer and MNE-Python

 Steve
Luck

 2025-12-19

 1
min

 244
words


ERP BOOT CAMP

Summary: A few years ago, we developed a universal metric of data quality for averaged ERPs called the standardized measurement error ([click here](https://erpinfo.org/blog/2020/4/28/data-quality) for more information). It has been available in ERPLAB for several years, and I'm happy t...


 Read full article:

<https://erpinfo.org/blog/2025/12/19/sme-now-available-in-bva-and-mne-python>

Cognitive models facilitate real-time inference of latent motives

 2026-01-28

 1
min




 0
words

NATURE NEUROSCIENCE SUBJECTS


 Read full article:

<https://www.nature.com/articles/s41598-026-37587-8>

Pre-stimulus alpha power modulates trial-by-trial variability in theta rhythmic multisensory entrainment strength and theta-induced memory effect




 2026-01-28  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:


<https://www.nature.com/articles/s44271-026-00406-x>

There's only one Woz, but we can all learn from him

 2026-01-23  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46735407)

 Read full article:

<https://www.fastcompany.com/91477114/steve-wozniak-woz-apple-the-tech-interactive-humanitarian-award>

Moltbot Security Guide: Protect Your VPS from Hackers and Vulnerabilities



aymanaljunaid



2026-01-28



1

min



13

words

HACKER NEWS

Summary:

Article URL: <https://veerhost.com/moltbot-security-guide/>

Comments URL: <https://news.ycombinator.com/item?id=46791496>

Points: 13

Comments: 1



Read full article:

<https://veerhost.com/moltbot-security-guide/>

What are the virtual reality solutions for dual-task intervention to promote health in aging? A scoping review



Elisa

Pedroli



2026-01-28



1

min



343

words

FRONTIERS HUMAN NEUROSCIENCE


Summary: IntroductionCognitive-motor dual-task (CMDT) performance is crucial for everyday activities, particularly in older adults who commonly experience deficiencies in cognitive and motor domains. These impairments compromise daily functioning, causing a decrease in quality of life. However, traditional a...



Read full article:

<https://www.frontiersin.org/articles/10.3389/fnhum.2025.1753364>

A cross-continental comparative analysis of the neurological manifestations of Long COVID

 Igor J.
Koralnik

 17

2026-01-28



1
min



231
words

FRONTIERS HUMAN NEUROSCIENCE


Summary: ObjectiveTo compare demographics, comorbidities, neurologic symptoms, quality of life, and cognitive outcomes among adult individuals with neurologic manifestations of post-acute sequelae of SARS-CoV-2 infection (Neuro-PASC) across countries with varying income levels: the United States (U.S.), Colo...



Read full article:

<https://www.frontiersin.org/articles/10.3389/fnhum.2025.1760173>

Dynamic sensor adaptation based on efferent feedback for adaptive bio-inspired sound source localization

 Claudia
Lenk

 17

2026-01-28



1
min



224
words

FRONTIERS NEUROSCIENCE

Summary: Auditory perception and localization are fundamental tasks for many species, allowing them to detect, identify, and spatially localize sound sources in their environment. While biological systems have evolved sophisticated neural mechanisms for auditory adaptation, artificial auditory systems still ...



Read full article:

<https://www.frontiersin.org/articles/10.3389/fnins.2026.1736957>

Editorial: Theoretical advances and practical applications of spiking neural networks, volume II

 Jundong
Liu

 17

2026-01-28



1
min



0
words

FRONTIERS NEUROSCIENCE



Read full article:

<https://www.frontiersin.org/articles/10.3389/fnins.2026.1771268>

Altered static and dynamic functional network connectivity between subcortical nuclei and cortical regions of the default mode network in type 2 diabetes mellitus

 Yarong
Wang

 17

2026-01-28



1
min



328
words

FRONTIERS NEUROSCIENCE





Summary: Introduction Disruptions in functional connectivity (FC) within the default mode network (DMN) are well established as a key neuropathology underlying cognitive impairment in type 2 diabetes mellitus (T2DM). Subcortical nuclei, including the basal forebrain (BF) and mediodorsal thalamus, play critica...



Read full article:

<https://www.frontiersin.org/articles/10.3389/fnins.2026.1766192>



Join the Mailing List

 dziura  17 2025-12-10  1 min  13 words 

Summary: <p>The post Join the Mailing List appeared first on IEEE EMBS.</p>

 **Read full article:**
https://embc.embs.org/2026/#new_tab

Apply for the 2026 One Mind Accelerator Emerging Innovator Observership


 dziura  17 2025-12-10  1 min  19 words 



Summary: <p>The post Apply for the 2026 One Mind Accelerator Emerging Innovator Observership appeared first on IEEE EMBS.</p>

 **Read full article:**
https://app.smartsheet.com/b/form/0199e95f16727ef99ec5b9ea73e78ab6#new_tab

Quantifying the compressibility of the human brain

Nicholas J. WeaverJoshua FaskowitzRichard F. BetzelChristopher W. LynnaDepartment of Physics,
Yale University, New Haven, CT 06520bQuantitative Biology Institute, Yale University, New Haven, CT
06520cProgram in Physical and Engineering Biology, Yale University, New Haven, CT

 06520dDepartment of Psychological and Brain Sciences, Indiana University, Bloomington, IN
47405eDepartment of Neuroscience, University of Minnesota, Minneapolis, MN 55455fMasonic
Institute for the Developing Brain, University of Minnesota, Minneapolis, MN 55414gWu Tsai Institute,
Yale University, New Haven, CT 06520

 2026-01-21  1
min  51
words

PNAS NEUROSCIENCE

Summary: Proceedings of the National Academy of Sciences, Volume 123, Issue 4, January 2026.
SignificanceThe correlations between different regions of the human brain define the shape of neural activity. While these correlations form the foundation for our understanding of human brain function, basic q...

 **Read full article:**

<https://www.pnas.org/doi/abs/10.1073/pnas.2531115123?af=R>

Dynamic mode decomposition of resting-state fMRI revealing abnormal brain region features in schizophrenia



Xiaochuan
Pan



2026-01-14



1
min



229
words

FRONTIERS COMPUTATIONAL NEUROSCIENCE

Summary: Extracting features from abnormal brain regions in schizophrenia patients' brain images holds significant importance for aiding diagnosis. However, existing methods remained limited in simultaneously capturing spatiotemporal information. Dynamic mode decomposition (DMD) effectively extracts spatiote...



Read full article:

<https://www.frontiersin.org/articles/10.3389/fncom.2025.1742563>

On collective behavior in *C. elegans*



Elio
Tuci



2025-11-17



1
min



197
words

FRONTIERS NEUROBOTICS




Summary: *C. elegans* is a model organism in many biological domains, such as genetics, neurophysiology, and behavioral ecology. Despite our relatively deep knowledge of the neuronal, genetic and molecular mechanisms underlying *C. elegans* communication, we still lack a comprehensive understanding of emergent g...



Read full article:

<https://www.frontiersin.org/articles/10.3389/fnbot.2025.1689332>

The sound of manufactured music: Reviewing the role of artificial stimuli in music cognition research.

 2024-01-22  1 min  259 words

PSYCHOMUSICOLOGY

Summary: Having participants listen and react to musical stimuli is one of music cognition's foundational methods. Whereas most researchers have used stimuli adapted from existing musical traditions in such work, others have incorporated artificial stimuli (i.e., stimuli generated specifically for research t...

 **Read full article:**
<http://doi.org/10.1037/pmu0000304>

Music-evoked nostalgia and charitable giving: A cross-cultural study in the United States and Mexico.




 2024-01-22  1 min  192 words

PSYCHOMUSICOLOGY

Summary: Nostalgia, a past-oriented emotion characterized by complex affective responses, is a pervasive and fundamental human experience. Prior research has demonstrated that nostalgia serves various socioemotional functions, such as promoting a sense of belonging, enhancing one's perception of meaning in l...

 **Read full article:**
<http://doi.org/10.1037/pmu0000302>

Preferred music listening does not affect cognitive inhibition in young and older adults.




 2023-10-12  1 min  227 words

PSYCHOMUSICOLOGY

Summary: Previous literature has found links between music listening and cognitive performance. Specifically, background music may play a role in modulating cognitive inhibition. However, determining what type of background music affects cognitive inhibition throughout the lifespan has not been studied. The ...

 **Read full article:**
<http://doi.org/10.1037/pmu0000300>

Absolute pitch: A literature review of underlying factors, with special regard to music pedagogy.

 2023-07-10  1 min  202 words

PSYCHOMUSICOLOGY

Summary: Absolute pitch (AP) is a fairly rare and special phenomenon that has relevance for musicology, psychology, genetics, and neuroscience. AP possessors are able to identify the pitch of an isolated sound or to produce that sound without a reference point. The authors' aim is to review the literature on...

 **Read full article:**
<http://doi.org/10.1037/pmu0000298>

Before Smelling the Video: A Two-Stage Pipeline for Interpretable Video-to-Scent Plans



Kaicheng Wang, Kevin Zhongyang Shao, Ruiqi Chen, Sep Makhsous, Denise Wilson

17 2026-01-28



1
min



126
words

ARXIV CS HC

Summary: arXiv:2601.19203v1 Announce Type: new Abstract: Olfactory cues can enhance immersion in interactive media, yet smell remains rare because it is difficult to author and synchronize with dynamic video. Prior olfactory interfaces rely on designer triggers and fixed event-to-odor mappings that do not s...



Read full article:

<https://arxiv.org/abs/2601.19203>

Bridging Gulfs in UI Generation through Semantic Guidance



Seokhyeon Park, Soohyun Lee, Eugene Choi, Hyunwoo Kim, Minkyu Kweon, Yumin Song, Jinwook Seo



17 2026-01-28



1
min



152
words

ARXIV CS HC

Summary: arXiv:2601.19171v1 Announce Type: new Abstract: While generative AI enables high-fidelity UI generation from text prompts, users struggle to articulate design intent and evaluate or refine results-creating gulfs of execution and evaluation. To understand the information needed for UI generation, we...



Read full article:

<https://arxiv.org/abs/2601.19171>

Nonvisual Support for Understanding and Reasoning about Data Structures



Brianna L. Wimer, Ritesh Kanchi, Kaija Frierson, Venkatesh Potluri, Ronald Metoyer, Jennifer Mankoff, Miya Natsuhara, Matt X. Wang



2026-01-28



1
min



170
words

ARXIV CS HC

Summary: arXiv:2601.19168v1 Announce Type: new Abstract: Blind and visually impaired (BVI) computer science students face systematic barriers when learning data structures: current accessibility approaches typically translate diagrams into alternative text, focusing on visual appearance rather than preservi...







Read full article:

<https://arxiv.org/abs/2601.19168>

Grand Challenges around Designing Computers' Control Over Our Bodies

Florian 'Floyd' Mueller, Nadia Bianchi-Berthouze, Misha Sra, Mar Gonzalez-Franco, Henning Pohl, Susanne Boll, Richard Byrne, Arthur Caetano, Masahiko Inami, Jarrod Knibbe, Per Ola Kristensson,

 Xiang Li, Zhuying Li, Joe Marshall, Louise Petersen Matjeka, Minna Nygren, Rakesh Patibanda, Sara Price, Harald Reiterer, Aryan Saini, Oliver Schneider, Ambika Shahu, J'l'urgen Steimle, Phoebe O. Touns Dugas, Don Samitha Elvitigala

 2026-01-28  1 min  133 words

ARXIV CS HC

Summary: arXiv:2601.19143v1 Announce Type: new Abstract: Advances in emerging technologies, such as on-body mechanical actuators and electrical muscle stimulation, have allowed computers to take control over our bodies. This presents opportunities as well as challenges, raising fundamental questions about a...



Read full article:

<https://arxiv.org/abs/2601.19143>

From Answer Givers to Design Mentors: Guiding LLMs with the Cognitive Apprenticeship Model



Yongsu Ahn, Lejun R Liao, Benjamin Bach, Nam Wook Kim



2026-01-28



1 min



157 words

ARXIV CS HC

Summary: arXiv:2601.19053v1 Announce Type: new Abstract: Design feedback helps practitioners improve their artifacts while also fostering reflection and design reasoning. Large Language Models (LLMs) such as ChatGPT can support design work, but often provide generic, one-off suggestions that limit reflectiv...



Read full article:

<https://arxiv.org/abs/2601.19053>

Listening before Asking: Lived-Experience Advisors as Methodological Partners in Dementia Caregiving Studies



Joy Lai, Kelly Beaton, David Black, Alex Mihailidis



2026-01-28



1 min



236 words

ARXIV CS HC


Summary: arXiv:2601.19021v1 Announce Type: new Abstract: Research with dementia caregivers poses persistent methodological and ethical challenges, particularly when interview-based studies are designed without sufficient grounding in lived caregiving realities. Questions framed through clinical or deficit-o...




Read full article:

<https://arxiv.org/abs/2601.19021>

XR Design Framework for Early Childhood Education

 Supriya Khadka, Sanchari Das

 2026-01-28

 1 min


 105 words


ARXIV CS HC

Summary: arXiv:2601.18979v1 Announce Type: new Abstract: Extended Reality in early childhood education presents high-risk challenges due to children's rapid developmental changes. While augmented and virtual reality offer immersive pedagogical benefits, they often impose excessive cognitive load or sensory ...


 Read full article:
<https://arxiv.org/abs/2601.18979>

HumanoidTurk: Expanding VR Haptics with Humanoids for Driving Simulations

 DaeHo Lee, Ryo Suzuki, Jin-Hyuk Hong

 2026-01-28

 1 min

 150 words

ARXIV CS HC

Summary: arXiv:2601.18975v1 Announce Type: new Abstract: We explore how humanoid robots can be repurposed as haptic media, extending beyond their conventional role as social, assistive, collaborative agents. To illustrate this approach, we implemented HumanoidTurk, taking a first step toward a humanoid-base...

 Read full article:
<https://arxiv.org/abs/2601.18975>

People Can Accurately Predict Behavior of Complex Algorithms That Are Available, Compact, and Aligned



Lindsay Popowski, Helena Vasconcelos, Ignacio Javier Fernandez, Chijioke Chinaza Mgbahurike, Ralf Herbrich, Jeffrey Hancock, Michael S. Bernstein



2026-01-28



1
min



211
words

ARXIV CS HC

Summary: arXiv:2601.18966v1 Announce Type: new Abstract: Users trust algorithms more when they can predict the algorithms' behavior. Simple algorithms trivially yield predictively accurate mental models, but modern AI algorithms have often been assumed too complex for people to build predictive mental model...



Read full article:

<https://arxiv.org/abs/2601.18966>

Whispering Water: Materializing Human-AI Dialogue as Interactive Ripples



Ruipeng Wang, Tawab Safi, Yunge Wen, Christina Cunningham, Hoi Ling Tang, Behnaz Farahi



2026-01-28



1
min



146
words

ARXIV CS HC

Summary: arXiv:2601.18934v1 Announce Type: new Abstract: Across cultures, water has served as a recipient of human confession, a yielding medium that receives vulnerability where rigid surfaces cannot. We present Whispering Water, an interactive installation that materializes human-AI dialogue through cymat...



Read full article:

<https://arxiv.org/abs/2601.18934>

Noradrenergic-inspired gain modulation attenuates the stability gap in joint training



Alejandro Rodriguez-Garcia, Anindya Ghosh, Srikanth Ramaswamy



2026-01-28



1
min



174
words

ARXIV QBIO NC


Summary: arXiv:2507.14056v2 Announce Type: replace-cross Abstract: Recent work in continual learning has highlighted the stability gap -- a temporary performance drop on previously learned tasks when new ones are introduced. This phenomenon reflects a mismatch between rapid adaptation and strong retention a...






Read full article:

<https://arxiv.org/abs/2507.14056>

KOCOBrian: Kuramoto-Guided Graph Network for Uncovering Structure-Function Coupling in Adolescent Prenatal Drug Exposure

 Badhan Mazumder, Lei Wu, Sir-Lord Wiafe, Vince D. Calhoun, Dong Hye Ye

 2026-01-28  1 min


 122 words

ARXIV QBIO NC

Summary: arXiv:2601.11018v2 Announce Type: replace Abstract: Exposure to psychoactive substances during pregnancy, such as cannabis, can disrupt neurodevelopment and alter large-scale brain networks, yet identifying their neural signatures remains challenging. We introduced KOCOBrian: Kuramoto COupled Brain...

 Read full article:
<https://arxiv.org/abs/2601.11018>

Decoding Cortical Microcircuits: A Generative Model for Latent Space Exploration and Controlled Synthesis

 Xingyu Liu, Yubin Li, Guozhang Chen

 2026-01-28  1 min  173 words

ARXIV QBIO NC

Summary: arXiv:2506.11062v2 Announce Type: replace Abstract: A central idea in understanding brains and building artificial intelligence is that structure determines function. Yet, how the brain's complex structure arises from a limited set of genetic instructions remains a key question. The ultra high-dime...

 Read full article:
<https://arxiv.org/abs/2506.11062>

The Copernican Argument for Alien Consciousness; The Mimicry Argument Against Robot Consciousness



Eric Schwitzgebel, Jeremy
Poher



2026-01-28



1
min



181
words

ARXIV QBIO NC

Summary: arXiv:2412.00008v3 Announce Type: replace Abstract: On broadly Copernican grounds, we are entitled to assume that apparently behaviorally sophisticated extraterrestrial entities ("aliens") would be conscious. Otherwise, we humans would be inexplicably, implausibly lucky to have consciousness, while...



Read full article:

<https://arxiv.org/abs/2412.00008>

Stroboscopic motion reversals in delay-coupled neural fields



Noah Parks, Zachary P
Kilpatrick



2026-01-28



1
min



218
words

ARXIV QBIO NC

Summary: arXiv:2601.19125v1 Announce Type: new Abstract: Visual illusions provide a window into the mechanisms underlying visual processing, and dynamical neural circuit models offer a natural framework for proposing and testing theories of their emergence. We propose and analyze a delay-coupled neural field...



Read full article:

<https://arxiv.org/abs/2601.19125>

Smooth embeddings in contracting recurrent networks driven by regular dynamics: A synthesis for neural representation



Vikas N. O'Reilly-Shah, Alessandro Maria
Selvitella



2026-01-28



1
min



230
words

ARXIV QBIO NC

Summary: arXiv:2601.19019v1 Announce Type: new Abstract: Recurrent neural networks trained for time-series prediction often develop latent trajectories that preserve qualitative structure of the dynamical systems generating their inputs. Recent empirical work has documented topology-preserving latent organi...



Read full article:

<https://arxiv.org/abs/2601.19019>

Schema-based active inference supports rapid generalization of experience and frontal cortical coding of abstract structure



Toon Van de Maele, Tim Verbelen, Dileep George, Giovanni
Pezzulo



2026-01-28



1
min



245
words

ARXIV QBIO NC




Summary: arXiv:2601.18946v1 Announce Type: new Abstract: Schemas -- abstract relational structures that capture the commonalities across experiences -- are thought to underlie humans' and animals' ability to rapidly generalize knowledge, rebind new experiences to existing structures, and flexibly adapt beha...



Read full article:

<https://arxiv.org/abs/2601.18946>

The role of brain health and resilience in reshaping trajectories of late-life neuropsychiatric disorders

 2026-01-28  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:

<https://www.nature.com/articles/s41386-026-02332-2>

Measurement effects on critical scaling in neural systems

 Audrey J. Sederberg  2026-01-23  1 min  159 words


FRONTIERS COMPUTATIONAL NEUROSCIENCE


Summary: The recently developed phenomenological renormalization group (pRG) analysis has uncovered scale-free properties in large-scale neural population recordings across recording modalities, including extracellular electrophysiology and calcium imaging. The convergence of these properties across the data...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fncom.2025.1724190>

Causal links between serotonin dynamics and cued fear learning: evidence from experimental studies

 Taegon Kim

 2026-01-23

 1 min

 123 words

FRONTIERS COMPUTATIONAL NEUROSCIENCE


Summary: Serotonin is thought to regulate emotional learning and memory, but there remains much to be explored regarding its causal role in cued fear conditioning and extinction (CFC-E). Recent in vivo recording of dorsal raphe nucleus serotonin neuronal activity during CFC-E paradigm showed that the time co...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fncom.2026.1750926>

Deep learning approaches for EEG-based healthcare applications: a comprehensive review

 RuiFang Lyu

 2026-01-23

 1 min

 171 words




FRONTIERS HUMAN NEUROSCIENCE

Summary: Electroencephalography (EEG) is a longstanding means of non-invasively recording brain signals and has become highly valuable for the study of neurological and cognitive processes. Recent progress in deep learning has also greatly improved both EEG signal analysis and interpretation, making more acc...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnhum.2025.1689073>

Notes on starting to use Django


ingve  2026-01-27  1 min  13 words **HACKER NEWS**

Summary:

Article URL: <https://jvns.ca/blog/2026/01/27/some-notes-on-starting-to-use-django/>



Comments URL: <https://news.ycombinator.com/item?id=46788384>

...

 **Read full article:**

<https://jvns.ca/blog/2026/01/27/some-notes-on-starting-to-use-django/>

The cortical contribution to the speech-FFR is not modulated by visual information

 Riegel, J., Schüller, A., Wissmann, A., Zeiler, S., Kolossa, D., Reichenbach, T.  2026-01-27



 1 min  235 words **BIORXIV NEUROSCIENCE**

Summary: Seeing a speaker's face can significantly aid understanding, particularly in challenging acoustic environments. An early neural response implicated in audiovisual speech processing is the frequency-following response (speech-FFR), which occurs at the fundamental frequency of the speech signal. This ...

 **Read full article:**

<https://www.biorxiv.org/content/10.64898/2026.01.26.701703v1?rss=1>

CDS-PD: a novel clinical decision support platform for Parkinson's disease





 2026-01-28  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:

<https://www.nature.com/articles/s41598-026-37316-1>

Speech pattern disorders in verbally fluent individuals with autism spectrum disorder: a machine learning analysis

 Xin Li  2025-10-24  1 min  233 words

FRONTIERS NEUROINFORMATICS

Summary: Introduction Diagnosing Autism Spectrum Disorder (ASD) in verbally fluent individuals based on speech patterns in examiner-patient dialogues is challenging because speech-related symptoms are often subtle and heterogeneous. This study aimed to identify distinctive speech characteristics associated wi...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fninf.2025.1647194>

Editorial: Women pioneering neuroinformatics and neuroscience-related machine learning, 2024



Alice
Geminiani



2025-11-12



1
min



0
words

FRONTIERS NEUROINFORMATICS



Read full article:

<https://www.frontiersin.org/articles/10.3389/fninf.2025.1724386>

Enhancing dementia and cognitive decline detection with large language models and speech representation learning



Grzegorz M.
Wójcik



2025-12-05



1
min



214
words

FRONTIERS NEUROINFORMATICS

Summary: Dementia poses a major challenge to individuals and public health systems. Detecting cognitive decline through spontaneous speech offers a promising, non-invasive avenue for diagnosis of mild cognitive impairment (MCI) and dementia, enabling timely intervention and improved outcomes. This study desc...



Read full article:

<https://www.frontiersin.org/articles/10.3389/fninf.2025.1679664>

Randomized prenatal and postnatal nutrient supplementation shows no long-term impact on cortical gray matter in Ghanaian children

 Amanda E.
Guyer



2026-01-23



1
min



316
words

FRONTIERS HUMAN NEUROSCIENCE


Summary: Introduction Maternal and child undernutrition are linked to atypical brain development in children. Provision of pre- and post-natal small-quantity lipid-based nutrient supplements (SQ-LNS) has been shown to positively impact children's growth and development. It is unknown, however, whether SQ-LNS ...



Read full article:

<https://www.frontiersin.org/articles/10.3389/fnhum.2025.1672317>

Editorial: Neurocomputational models of decision-making and cognitive processes

 Anuradha
Saha



2026-01-23



1
min



0
words




FRONTIERS HUMAN NEUROSCIENCE



Read full article:

<https://www.frontiersin.org/articles/10.3389/fnhum.2026.1775871>

Golden Ratio using an equilateral triangle inscribed in a circle

 2026-01-23  1 min  2 words


HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46735152)

 **Read full article:**

<https://geometrycode.com/free/how-to-graphically-derive-the-golden-ratio-using-an-equilateral-triangle-inscribed-in-a-circle/>

Ask HN: Why all the sudden people are writing browsers with AI?

 paperplaneflyr  2026-01-28  1 min  32 words

HACKER NEWS

Summary:

There is something going on with people, like why do you want to write a browser with the help of AI?

Comments URL: <https://news.ycombinator.com/item?id=46790957>

Points: 5

Comments: 3

 **Read full article:**

<https://news.ycombinator.com/item?id=46790957>

Ca²⁺-mediated protein citrullination regulates proliferation in the regenerating and malignant CNS



Crossman, S. H., Walpola, T., Douek, A. M., Wang, J., Khabooshan, M., Fung, C., Lieschke, G. J., Azimi, I., Kaslin, J.



2026-01-27



1
min



151
words

BIORXIV NEUROSCIENCE

Summary: Unlike most adult mammals, regenerative vertebrates can awaken dormant neural stem cells in response to injury. Understanding how this process is regulated could guide strategies to activate stem cells for tissue repair and limit aberrant proliferation in cancers of the CNS. Here, using zebrafish in...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.25.701650v1?rss=1>

Precision in Motion: Reactive and Anticipatory Control of Mouse Tongue Movement for Interception



ELTabbal, M., Galetzka, C., Kuhn, B.



2026-01-27



1
min



251
words

BIORXIV NEUROSCIENCE

Summary: The ability to perform high precision motor actions to intercept moving objects is fundamental to animal motor behavior, whereby organisms must constantly adapt to a dynamic environment. Such interception tasks rely on tightly integrating predictive internal models and moment-to-moment sensory feedb...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.25.701632v1?rss=1>

Data-Driven Retrieval of Effective Point Spread Functions for Super-Resolution Optoacoustic Imaging



Li, H., Zhan, H., Ma, R., Liu, Y., Cao, H., Yan, T., You, Z., Dean-Ben, X. L., Razansky, D., Xing, F.



2026-01-27



1
min



198
words

BIORXIV NEUROSCIENCE

Summary: Localization-based super-resolution techniques have revolutionized biomedical imaging by surpassing classical diffraction limits. However, their performance is fundamentally constrained by distortions of the point spread function (PSF) induced by the system and the sample, which are particularly pro...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701644v1?rss=1>

A brain dynamic model based on graph neural network reflect the inter-region interaction of cortical areas



Li, S., Zeng, D., Dong, X., He, Y., Che, T., Zhang, J., Yang, Z., Jiang, J., Chu, L., Han, Y., Li, S.



2026-01-27



1
min



228
words

BIORXIV NEUROSCIENCE

Summary: A central objective in neuroscience is to elucidate how the brain generates complex dynamic activity through the interactions of brain areas. In this study, we utilized Interaction Network, a graph neural network model, to develop a computational framework for predicting whole-brain cortical blood o...




Read full article:


<https://www.biorxiv.org/content/10.64898/2026.01.26.701662v1?rss=1>

Subdomain adaptation method based on transferable semantic alignment and class correlation

 Jinyong
Zhang

 2026-01-05

 1
min

 178
words


FRONTIERS NEUROBOTICS

Summary: To address these challenges, we propose a subdomain adaptation framework driven by transferable semantic alignment and class correlation. First, source and target domains are divided into subdomains according to class labels, and a joint subdomain distribution alignment mechanism is introduced to re...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnbot.2025.1665528>

AI found 12 vulnerabilities in OpenSSL


 2026-01-28

 1
min

 2
words



HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46789913)

 Read full article:

<https://aisle.com/blog/aisle-discovered-12-out-of-12-openssl-vulnerabilities>

Apple MacBook Pro order deliveries delayed until mid March

 2026-01-28  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46790250)

 **Read full article:**


<https://www.apple.com/shop/buy-mac/macbook-pro/16-inch-space-black-standard-display-apple-m4-max-with-16-core-cpu-and-40-core-gpu-48gb-memory-1tb>

Super Monkey Ball ported to a website

 2026-01-28  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46789961)

 **Read full article:**

<https://monkeyball-online.pages.dev/>

AI found 12 vulnerabilities in OpenSSL

 mmsc  17 2026-01-28  1 min  13 words 

Summary:

Article URL: <https://aisle.com/blog/aisle-discovered-12-out-of-12-openssl-vulnerabilities>

Comments URL: <https://news.ycombinator.com/item?id=46789913>

 **Read full article:**
<https://aisle.com/blog/aisle-discovered-12-out-of-12-openssl-vulnerabilities>

Super Monkey Ball ported to a website

 rebasedoctopus  17 2026-01-28  1 min  13 words 

Summary:

Article URL: <https://monkeyball-online.pages.dev/>



Comments URL: <https://news.ycombinator.com/item?id=46789961>

Points: 118

Comments: 32

 **Read full article:**
<https://monkeyball-online.pages.dev/>

Is coding dead because AI has taken over it?

 s3arch  17 2026-01-28  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://www.jehuamanna.com/blog/2026/is-coding-dead/>

Comments URL: <https://news.ycombinator.com/item?id=46790068>





Points: 4

Comments: 2...

 Read full article:

<https://www.jehuamanna.com/blog/2026/is-coding-dead/>

Apple MacBook Pro order deliveries delayed until mid March

 behnamoh  17 2026-01-28  1 min  13 words

HACKER NEWS




Summary:

Article URL: <https://www.apple.com/shop/buy-mac/macbook-pro/16-inch-space-black-standard-display-apple-m4-max-with-16-core-cpu-and-40-core-gpu-48gb-memory-1tb>

 Read full article:

<https://www.apple.com/shop/buy-mac/macbook-pro/16-inch-space-black-standard-display-apple-m4-max-with-16-core-cpu-and-40-core-gpu-48gb-memory-1tb>

Identifying heart rate characteristics of sleep states of preterm infants using video analysis

 2026-01-28  1 min  0 words



NATURE NEUROSCIENCE SUBJECTS



Read full article:

<https://www.nature.com/articles/s41598-025-31873-7>

Translational assessment of butyrylcholinesterase activity as a diagnostic biomarker for depression using a chemiluminescent probe

 2026-01-28  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS



Read full article:

<https://www.nature.com/articles/s41598-026-35023-5>

Python 1.0 came out exactly 32 years ago

/u/
jabbalaci



2026-01-27



1
min



37
words

REDDIT PYTHON

Summary: Python 1.0 came out on January 27, 1994; exactly 32 years ago. Announcement here: https://groups.google.com/g/comp.lang.misc/c/_QUzdEGFwCo/m/KIFdu0-Dv7sJ?pli=1



Read full article:

https://www.reddit.com/r/Python/comments/1qoqm3z/python_10_came_out_exactly_32_years_ago/

Rust's Standard Library on the GPU



2026-01-24



1
min



2
words

HACKER NEWS




Summary: <https://news.ycombinator.com/item?id=46741150> Comments



Read full article:

<https://www.vectorware.com/blog/rust-std-on-gpu/>

US population growth slows as immigration declines

 geox  2026-01-28  1 min  13 words

HACKER NEWS

Summary:





Article URL: <https://www.reuters.com/world/us/us-population-growth-slows-immigration-declines-census-data-shows-2026-01-27/>

Comments URL: <https://news.ycomb...>

 Read full article:

<https://www.reuters.com/world/us/us-population-growth-slows-immigration-declines-census-data-shows-2026-01-27/>

Thief of \$90M in seized U.S.-controlled crypto is gov't contractor's son

 pavel_lishin  2026-01-27  1 min  13 words

HACKER NEWS


Summary:

Article URL: <https://www.web3isgoinggreat.com/single/lick-theft>

Comments URL: <https://news.ycombinator.com/item?id=46787521>

Points: 52

Comments: 6

 Read full article:

<https://www.web3isgoinggreat.com/single/lick-theft>

Electro-Calcium uncoupling precedes neurodegeneration in Alzheimers disease



Kwon, H. C., Eiden, A., Li, J., MacKinnon, M., Garfinkel, J. B., Hooper, S. M., Liu, Y., Nelson, M. T., Koretsky, A., Mughal, A.



2026-01-27



1
min



351
words

BIORXIV NEUROSCIENCE


Summary: Alzheimers disease (AD) is categorized as a neurodegenerative disease, but there is a growing recognition of the vascular components in AD pathophysiology. Reduction in cerebral perfusion is routinely observed in AD patients and preclinical models prior to overt clinical symptoms. However, there is ...




Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701803v1?rss=1>

Translational regulation of GAD1 identified by circadian and light-responsive ribosome-bound transcriptome analysis in the mouse hypothalamic suprachiasmatic nucleus

 Shao, X., Hsiao, S.-W., Xiao, C., Zhou, H., Tanaka, Y., Macpherson, T., Shichino, Y., Iwasaki, S., Hasegawa, E., Doi, M.

 2026-01-27  1 min  214 words


BIORXIV NEUROSCIENCE

Summary: The suprachiasmatic nucleus (SCN) serves as the master circadian pacemaker, integrating photic information to synchronize daily rhythms throughout the body. While transcriptional regulation of clock genes in the SCN has been extensively studied, whether gene expression in the SCN is regulated at the...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701657v1?rss=1>

The impact of dynamic reversal potential on the evolution of action potential attributes during spike trains

 Kevin L. Lear

 2026-01-09  1 min  297 words


FRONTIERS COMPUTATIONAL NEUROSCIENCE


Summary: Action potentials (AP) are the basic elements of information processing in the nervous system. Understanding AP generation mechanisms is a critical step to understand how neurons encode information. However, an individual neuron might fire APs with various shapes even in response to the same stimulu...

 Read full article:


<https://www.frontiersin.org/articles/10.3389/fncom.2025.1740570>

IAP-TransUNet: integration of the attention mechanism and pyramid pooling for medical image segmentation

 Quan
Liu


 17 2025-12-01

 1
min

 219
words


FRONTIERS NEUROROBOTICS


Summary: IntroductionThe combination of CNN and Transformer has attracted much attention for medical image segmentation due to its superior performance at present. However, the segmentation performance is affected by limitations such as the local receptive field and static weights of CNN convolution operatio...

 Read full article:


<https://www.frontiersin.org/articles/10.3389/fnbot.2025.1706626>

AMANet: a data-augmented multi-scale temporal attention convolutional network for motor imagery classification

 Lingyan
Hu

 17 2026-01-09

 1
min

 199
words


FRONTIERS NEUROROBOTICS

Summary: Motor imagery brain–computer interface (MI-BCI) has garnered considerable attention due to its potential for neural plasticity. However, the limited number of MI-EEG samples per subject and the susceptibility of features to noise and artifacts posed significant challenges for achieving high decoding...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnbot.2025.1704111>

Methodological optimization for eliciting robust median nerve somatosensory evoked potentials for realtime single trial applications

 Disha Gupta, Jodi Brangaccio and N Jeremy Hill

 17

2026-01-09



1
min



308
words

JOURNAL NEURAL ENGINEERING

Summary: Objective. Single-trial measurement of median nerve somatosensory evoked potentials (SEPs) with noninvasive electroencephalography (EEG) is challenging due to low signal-to-noise ratio (SNR), limiting its use in real-time neurorehabilitation applications. We describe and evaluate methodological opti...



Read full article:

<https://iopscience.iop.org/article/10.1088/1741-2552/ae30ac>

Capturing coordination and intentionality in joint musical improvisation.

 17

2023-08-03



1
min



217
words

PSYCHOMUSICOLOGY


Summary: Humans collaborate with each other on a wide variety of tasks that are often largely improvised and unscripted. In this study, we investigated the dynamics of coordination in a joint musical improvisation task, what the effect of intentions is on coordination, and how musicians propagate these inten...



Read full article:

<http://doi.org/10.1037/pmu0000299>

Psychometrics of a fear-avoidance measure adapted for youth with persistent postconcussive symptoms: Fear of Concussive Symptoms Questionnaire (FOCSQ) child and parent-proxy versions.

 2025-10-02  1 min  281 words

NEUROPSYCHOLOGY

Summary: Objective: This article aimed to examine the psychometric properties of a measure of youth fear-avoidance of concussive symptoms. Method: Fear-avoidance is thought to be a risk factor for prolonged concussion recovery; however, current measures of fear-avoidance focus on pain rather than broader sym...

 Read full article:
<http://doi.org/10.1037/neu0001031>

Phonological networks remain intact in multiple sclerosis.




 2025-09-22  1 min  259 words

NEUROPSYCHOLOGY

Summary: Objective: Multiple sclerosis (MS) is a neurological condition characterized by white and gray matter decline that leads to slower motor function and cognitive impairment. Although language remains relatively intact, individuals with MS often have word retrieval difficulties. Previous research sugge...

 Read full article:
<http://doi.org/10.1037/neu0001040>

Try text scaling support in Chrome Canary

 2026-01-27  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46784977)

 Read full article:

<https://www.joshtumath.uk/posts/2026-01-27-try-text-scaling-support-in-chrome-canary/>

LLM-as-a-Courtroom

 jmtulloss  2026-01-27  1 min  13 words

HACKER NEWS


Summary:

Article URL: <https://falconer.com/notes/llm-as-a-courtroom/>

Comments URL: <https://news.ycombinator.com/item?id=46784210>





Points: 7

Comments: 0

 Read full article:

<https://falconer.com/notes/llm-as-a-courtroom/>

Try text scaling support in Chrome Canary

 linolevan  2026-01-27  1 min  13 words

HACKER NEWS

Summary:


Article URL: <https://www.joshtumath.uk/posts/2026-01-27-try-text-scaling-support-in-chrome-canary/>

Comments URL: <https://news.ycombinator.com/item?id=46784977>

 Read full article:

<https://www.joshtumath.uk/posts/2026-01-27-try-text-scaling-support-in-chrome-canary/>

Pathological TDP-43 filaments accumulate at synapses and cause synaptic dysfunction

 Chen, R., Stockwell, I., Pierce, J. C., Peak-Chew, S.-Y., Huang, M., Newell, K., Ghetti, B., Cousin, M. A., Greger, I. H., Ryskeldi-Falcon, B.

 2026-01-27  1 min  240 words


BIORXIV NEUROSCIENCE



Summary: The assembly of TAR DNA-binding protein 43 (TDP-43) into amyloid filaments within neurons is a hallmark of multiple neurodegenerative diseases, including motor neuron diseases (MND), frontotemporal dementias (FTD) and limbic-predominant age-related TDP-43 encephalopathy (LATE). These diseases result...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.27.701787v1?rss=1>

Cerebellar Gray Matter Volume Changes Across Development: Posterolateral and Vermal Transient Increases during Adolescence

 Gil-Paterna, P., M. Hoppe, J., Timmann, D., Apps, R., Widegren, E., Frick, M. A., Fallmar, D., Gingnell, M., Frick, A.

 2026-01-27  1 min  201 words

BIORXIV NEUROSCIENCE

Summary: The cerebellum undergoes substantial maturation with regionally distinct developmental trajectories. This study examined cerebellar gray matter volume (GMV) in healthy children, adolescents, and adults, using voxel-based morphometry, the ACAPULCO algorithm, and the SUIT toolbox for cerebellum-optimi...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.27.701939v1?rss=1>

Continuous affect responses to a large diverse set of unfamiliar music: Bayesian time-series and cluster analyses.

 2023-04-20  1 min  252 words




PSYCHOMUSICOLOGY

Summary: Sixty-nine participants made continuous response judgments of perceived arousal and valence while listening to 30-s extracts of 100 unfamiliar pieces within a novel recommender system. Our purpose was to take advantage of the relatively large number of participants and pieces studied (compared with ...

 Read full article:

<http://doi.org/10.1037/pmu0000295>

Moral decision making and moral judgment in multiple sclerosis.

 2025-09-18  1 min  257 words

NEUROPSYCHOLOGY

Summary: Objective: Moral cognition has been insufficiently studied in people with multiple sclerosis (pwMS). This study investigated moral decision making and judgment using ecologically valid moral dilemmas in relapsing-remitting multiple sclerosis (MS) and progressive MS phenotypes, exploring associations...

 **Read full article:**
<http://doi.org/10.1037/neu0001030>

Moderating effects of limbic white matter on verbal memory in older adults with multiple sclerosis.



 2025-07-24  1 min  266 words

NEUROPSYCHOLOGY

Summary: Objective: Literature concerning the structural brain correlates of verbal memory in aging with multiple sclerosis (MS) is scarce. This study addressed this gap by examining the impact of white matter microstructure and macrostructure on verbal memory in older adults with and without MS. Method: Par...

 **Read full article:**
<http://doi.org/10.1037/neu0001023>

The classification accuracy of the recognition memory test–words as a performance validity test is affected by gender and education.


 2025-07-03  1 min  242 words

NEUROPSYCHOLOGY

Summary: Objective: Previous research suggested that Recognition Memory Test–Words (RMT-W) scores may be confounded by gender and handedness. This study was designed to examine its classification accuracy as a performance validity test (PVT) and susceptibility to demographic characteristics. Method: Archival...

 Read full article:
<http://doi.org/10.1037/neu0001027>

Exploring the link between National Institutes of Health (NIH) Toolbox Cognition Battery performance and everyday functioning in mild cognitive impairment.




 2025-08-25  1 min  266 words

NEUROPSYCHOLOGY

Summary: Objective: Neuropsychologists routinely use scores on traditional paper-and-pencil tests to assess capacity for independent functioning, with these assessments accounting for a moderate amount (20%–37%) of the variance in instrumental activities of daily living (IADL) performance. The field is shift...

 Read full article:
<http://doi.org/10.1037/neu0001034>

Pathway analysis of cognitive resilience factors and cognitive function in the Long Life Family Study (LLFS).



 2025-09-29  1 min  264 words

NEUROPSYCHOLOGY

Summary: Objective: Familial longevity, educational attainment, and engagement in cognitively stimulating activities are independently protective for cognitive aging, yet little is known about how these factors relate with one another. We explored the interplay between familial longevity, life exposures that...

 **Read full article:**
<http://doi.org/10.1037/neu0001039>

Validity of telephone-administered word list learning measures for assessment of episodic memory in aging and Alzheimer's disease.


 2025-11-06  1 min  255 words

NEUROPSYCHOLOGY

Summary: Objective: Remote assessment of episodic memory would be a cost-effective alternative to in-person visits for early detection of memory impairment related to Alzheimer's disease (AD), but there is a need for test development and studies in population-based samples. The aim of this study was to inves...

 **Read full article:**
<http://doi.org/10.1037/neu0001019>

TikTok settles just before social media addiction trial to begin

 2026-01-27  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46786237)



Read full article:

<https://www.bbc.com/news/articles/c24g8v6qr1mo>

How many chess games are possible?

 jmount  2026-01-27  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://win-vector.com/2026/01/27/how-many-chess-games-are-possible/>

Comments URL: <https://news.ycombinator.com/item?id=46785598>





 <...</p></p></div>

Read full article:

<https://win-vector.com/2026/01/27/how-many-chess-games-are-possible/>

Page 164 of 504 • Generated January 29, 2026 at 08:41 AM UTC

Time Station Emulator

 FriedPickles  2026-01-27  1 min  13 words [HACKER NEWS](#)

Summary:

Article URL: <https://github.com/kangtastic/timestation>





Comments URL: <https://news.ycombinator.com/item?id=46786183>

Points: 5

Comments: 0

 Read full article:
<https://github.com/kangtastic/timestacion>

Parametric CAD in Rust

 ecto  2026-01-27  1 min  13 words [HACKER NEWS](#)

Summary:

Article URL: <https://campedersen.com/vcad>

Comments URL: <https://news.ycombinator.com/item?id=46786196>

Points: 3

Comments: 0

 Read full article:
<https://campedersen.com/vcad>

TikTok settles just before social media addiction trial to begin

 ourmandave  2026-01-27  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://www.bbc.com/news/articles/c24g8v6qr1mo>

Comments URL: <https://news.ycombinator.com/item?id=46786237>





Points: 16

Comments: 2

 Read full article:

<https://www.bbc.com/news/articles/c24g8v6qr1mo>

Show HN: I Wrapped the Zorks with an LLM

 alecf  2026-01-27  1 min  173 words

HACKER NEWS

Summary:

I grew up on the Infocom games and when microsoft actually open-sourced Zork 1/2/3 I really wanted to figure out how to use LLMs to let you type whatever you want, I always found the amount language that the games "understood" to be so limiting - even if it was pretty state of the art at the time...

 Read full article:

<https://infocom.tambo.co/>

Domain-specific changes in everyday cognition: Associations with diagnosis change and gray matter volume change.

 2025-10-23  1 min  260 words

NEUROPSYCHOLOGY

Summary: Objective: Declines in everyday cognitive functioning are a common occurrence in late life. The present study sought to understand how informant-rated everyday cognitive abilities related to memory, language, spatial skills, planning, organization, and divided attention—as measured by the Everyday C...

 Read full article:
<http://doi.org/10.1037/neu0001043>

The future of Neuropsychology is




 2026-01-08  1 min  159 words

NEUROPSYCHOLOGY

Summary: In this editorial, the author states that editors do not assume ownership of a journal; they merely look after it for the next generation. The incoming associate editors and the author are grateful to the American Psychological Association (APA) for entrusting them to look after Neuropsychology for ...

 Read full article:
<http://doi.org/10.1037/neu0001056>

Monthly Updates [August]

 2025-08-01  4 min  858 words

[FMHY](#)




Summary:

INFO

These update threads only contains major updates. If you're interested in seeing all minor changes you can follow our [Commits Page](https://github.com/fmhy/FMHYedit/commits/main) on ...

 Read full article:
<https://fmhy.net/posts/aug-2025>

Monthly Updates [Sept]

 2025-08-31  2 min  569 words

[FMHY](#)


Summary:

INFO

These update threads only contains major updates. If you're interested in seeing all minor changes you can follow our [Commits Page](https://github.com/fmhy/FMHYedit/commits/main) on ...

 Read full article:
<https://fmhy.net/posts/sept-2025>


Fight Chat Control

 2025-09-04  1 min  153 words

[FMHY](#)

Summary:

The EU (still) wants to scan your private messages and photos. [</h3> The "Chat Control" proposal would mand...](#the-eu-still-wants-to-scan-your-private-messages-and-photos)

 Read full article:
<https://fmhy.net/posts/FCC>

Why We're Here


 2025-09-11  1 min  346 words

[FMHY](#)


Summary:

People always want to know what the point of life is. Why are they on earth? What are we doing here? Whats our purpose? *Whats the point?*

For most of my life, I didn't really have any answer, but as I got older, I realized, things weren't about me. I took a step back, and recognize...


 Read full article:
<https://fmhy.net/posts/WWH>

What are people using instead of Anaconda these days?

 /u/
rage997

 17 2026-01-27

 1
min

 126
words

REDDIT PYTHON


Summary: <!-- SC_OFF --><div class="md"><p>I've been using Anaconda/Conda for years, but I'm increasingly frustrated with the solver slowness. It feels outdated</p><p>What are people actually using nowadays for Python environments and dependency management?</p> micromamba / mamba? pyenv + ...

 Read full article:

https://www.reddit.com/r/Python/comments/1qokvh5/what_are_people_using_instead_of_anaconda_these/

Twin – The AI Company Builder

 bkolobara

 17 2026-01-27

 1
min

 13
words





HACKER NEWS

Summary: <p>Article URL: https://twin.so/</p><p>Comments URL: https://news.ycombinator.com/item?id=46785334</p> <p>Points: 4</p> <p># Comments: 2</p>

 Read full article:

<https://twin.so/>

The bachelor tax – what it costs in taxes to be single

 wkaisertexas  17 2026-01-27  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://bachelor-tax.vercel.app/>





Comments URL: <https://news.ycombinator.com/item?id=46785371>

Points: 9

Comments: 13

 Read full article:
<https://bachelor-tax.vercel.app/>

Ultraprocessed foods make up to 70% of the US food supply

 paulpauper  17 2026-01-27  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://www.cnn.com/2025/02/26/health/ultraprocessed-hyperpalatable-foods-wellness>

Comments URL: <https://news.ycombinator.com/item?id=46785813>

 Read full article:
<https://www.cnn.com/2025/02/26/health/ultraprocessed-hyperpalatable-foods-wellness>

Perspectives of Global Standards on Validation of Blood Pressure Measuring Devices

17

2025-07-10



1

min



234

words

TRANSACTIONS BIOMEDICAL ENGINEERING

Summary: Blood pressure (BP) measuring devices are essential tools across all areas of medicine, where BP is used as a vital sign for assessing cardiovascular status, guiding clinical decisions in acute medicine, critical care, and routine monitoring of hospitalized patients. International standards for BP m...



Read full article:

<http://ieeexplore.ieee.org/document/11075520>

Confidence-Driven Deep Learning Framework for Early Detection of Knee Osteoarthritis

17

2025-07-08



1

min



211

words

TRANSACTIONS BIOMEDICAL ENGINEERING




Summary: Knee Osteoarthritis (KOA) is a prevalent musculoskeletal disorder that severely impacts mobility and quality of life, particularly among older adults. Its diagnosis often relies on subjective assessments using the Kellgren-Lawrence (KL) grading system, leading to variability in clinical evaluations....



Read full article:

<http://ieeexplore.ieee.org/document/11072912>

Intracortical Brain–Machine Interfaces With High-Performance Neural Decoding Through Efficient Transfer Meta-Learning

 2025-07-08  1 min  194 words


TRANSACTIONS BIOMEDICAL ENGINEERING

Summary: Implantable brain-machine interfaces (iBMIs) have emerged as a groundbreaking neural technology for restoring motor function and enabling direct neural communication pathways. Despite their therapeutic potential in neurological rehabilitation, the critical challenge of neural decoder calibration per...

 Read full article:

<http://ieeexplore.ieee.org/document/11072916>

An Active Spring Mass Model With Biomimetic Ground Reaction Forces for Multiple Terrains

 2025-07-07  1 min  251 words



TRANSACTIONS BIOMEDICAL ENGINEERING

Summary: Common activities of daily living naturally blend walking on level ground, stairs, and slopes. Predicting human locomotion behavior across these environments is critical for control design in lower-limb assistive devices. One approach to achieving this goal is to use feedforward simulation of concep...

 Read full article:

<http://ieeexplore.ieee.org/document/11072291>

A Multimodal Ultrasound-Driven Approach for Automated Tumor Assessment With B-Mode and Multi-Frequency Harmonic Motion Images

 2025-07-04  1 min  249 words


TRANSACTIONS BIOMEDICAL ENGINEERING

Summary: Objective: Harmonic Motion Imaging (HMI) is an ultrasound elasticity imaging method that measures the mechanical properties of tissue using amplitude-modulated acoustic radiation force (AM-ARF). Multi-frequency HMI (MF-HMI) excites tissue at various AM frequencies simultaneously, allowing for image ...

 Read full article:

<http://ieeexplore.ieee.org/document/11072028>


Electrophysiological Correlates of Reinforcement Learning in the Human Ventral Tegmental Area

 Ramaswamy, A., Steele, D., Roiser, J. P., Simmonds, L., Lagrata, S., Matharu, M. S., Vivekananda, U., Akram, H., Zrinzo, L., Litvak, V.

 2026-01-27  2 min  400 words

BIORXIV NEUROSCIENCE

Summary: The ventral tegmental area is the primary source of dopaminergic input to the human prefrontal cortex and plays a central role in reinforcement learning. Although animal studies have established that dopaminergic neurons encode reward prediction error signals, direct electrophysiological evidence in...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.27.701696v1?rss=1>

Graph-Based EEG Symmetry Features from the Temporal Lobe as Markers of Antidepressant Treatment Response



Davoodi, A., Vlachos, I., Bares, M., Brunovsky, M., Palus, M.



2026-01-27



1 min



308 words

BIORXIV NEUROSCIENCE

Summary: Major Depressive Disorder (MDD) is a mental disorder that affects millions globally and has highly individualized responses to antidepressant treatment. Identifying objective early markers that can distinguish responders from non-responders remains a critical challenge in personalized psychiatry. In...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701781v1?rss=1>

Population decoding of sound source location by receptive field neurons in the mouse superior colliculus



Mullen, B. R., Litke, A. M., Feldheim, D. A.



2026-01-27



1 min



258 words

BIORXIV NEUROSCIENCE


Summary: Identifying the location of a sound source in a complex environment and assessing its importance can be crucial for survival. The superior colliculus (SC), a midbrain structure involved in sensorimotor functions, contributes to sound localization and contains auditory responsive neurons that have sp...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701861v1?rss=1>


An integrated platform for simultaneous wide-field voltage/calcium imaging and fMRI (EPI & ZTE) reveals neuronal infraslow dynamics underlying functional connectivity

 Pan, W.-J., Daley, L., Watters, H., Meyer-Baese, L., Gopinath, K., Jaeger, D., Keilholz, S.

 2026-01-27  1 min  150 words


BIORXIV NEUROSCIENCE

Summary: Wide-field optical imaging acquired simultaneously with functional MRI has the ability to provide unprecedented insight into the neural origins of time-varying whole-brain activity. Simultaneously linking cellular-scale activity to whole-brain fMRI remains challenging due to optical access, RF coil ...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701889v1?rss=1>

Preventing Data Leakage in Neural Decoding

 Wong, R., Zhu, S. I., McCullough, M. H., Goodhill, G. J.

 2026-01-27  1 min  128 words




BIORXIV NEUROSCIENCE

Summary: Neural decoding is a widely-used machine learning technique for investigating how behavior, perception and cognition are represented in neural activity. However without careful application data leakage can occur, where information from the test set contaminates the training set, leading to biased es...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701583v1?rss=1>

Show HN: One Human + One Agent = One Browser From Scratch in 20K LOC

 2026-01-27  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46779522)



Read full article:

<https://emsh.cat/one-human-one-agent-one-browser/>

FBI is investigating Minnesota Signal chats tracking ICE

 2026-01-27  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46783254)



Read full article:

<https://www.nbcnews.com/tech/internet/fbi-investigating-minnesota-signal-minneapolis-group-ice-patel-kash-rcna256041>

FBI is investigating Minnesota Signal chats tracking ICE

 duxup  17 2026-01-27  1 min  13 words

HACKER NEWS

Summary:





Article URL: <https://www.nbcnews.com/tech/internet/fbi-investigating-minnesota-signal-minneapolis-group-ice-patel-kash-rcna256041>

Comments URL: <https://www.nbcnews.com/tech/internet/fbi-investigating-minnesota-signal-minneapolis-group-ice-patel-kash-rcna256041>

 Read full article:

<https://www.nbcnews.com/tech/internet/fbi-investigating-minnesota-signal-minneapolis-group-ice-patel-kash-rcna256041>

Chuck Klosterman on why we've never actually seen a real football game

 proposal  17 2026-01-27  1 min  14 words

HACKER NEWS

Summary:

<https://archive.is/mi308>

Comments URL: <https://news.ycombinator.com/item?id=46785572>


Points: 6

Comments: 4

 Read full article:

<https://www.latimes.com/entertainment-arts/books/story/2026-01-22/chuck-klosterman-new-book-football>

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TRANSACTIONS BIOMEDICAL ENGINEERING



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IEEE Transactions on Biomedical Engineering Handling Editors Information

 2026-01-21  1 min  1 words



TRANSACTIONS BIOMEDICAL ENGINEERING



Read full article:

<http://ieeexplore.ieee.org/document/11360517>

IEEE Transactions on Biomedical Engineering Information for Authors

 2026-01-21  1 min  1 words


TRANSACTIONS BIOMEDICAL ENGINEERING



Read full article:

<http://ieeexplore.ieee.org/document/11360513>

IEEE Engineering in Medicine and Biology Society Publication Information




 2026-01-21  1 min  1 words

TRANSACTIONS BIOMEDICAL ENGINEERING

 Read full article:

<http://ieeexplore.ieee.org/document/11360102>

Front Cover



 2026-01-21  1 min  1 words

TRANSACTIONS BIOMEDICAL ENGINEERING

 Read full article:

<http://ieeexplore.ieee.org/document/11360514>

Bassoontracker, Tracking in the Browser

 2026-01-27  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46777329)

 Read full article:

<https://www.stef.be/bassoontracker/>

AI2: Open Coding Agents

 publicmatt  2026-01-27  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://allenai.org/blog/open-coding-agents>





Comments URL: <https://news.ycombinator.com/item?id=46783017>

Points: 22

Comments: 1

 Read full article:
<https://allenai.org/blog/open-coding-agents>

Clawdbot Renames to Moltbot

 philip1209  2026-01-27  1 min  13 words

HACKER NEWS





Summary:

Article URL: <https://github.com/moltbot/moltbot/commit/6d16a658e5ebe6ce15856565a47090d5b9d5dfb6>

Comments URL: [https://news.ycombinator.co...](https://news.ycombinator.com/item?id=46783863)

 Read full article:
<https://github.com/moltbot/moltbot/commit/6d16a658e5ebe6ce15856565a47090d5b9d5dfb6>

Arm's Cortex A725 Ft. Dell's Pro Max with GB10

 pixelpoet
  2026-01-27
  1 min
  13 words


HACKER NEWS

Summary:

Article URL: <https://chipsandcheese.com/p/arms-cortex-a725-ft-dells-pro-max>

Comments URL: <https://news.ycombinator.com/item?id=46784599>

Points: 4<...

 Read full article:

<https://chipsandcheese.com/p/arms-cortex-a725-ft-dells-pro-max>

Rendering Affective Touch With an Array of Pneumatic Unit Cell Actuators

 2025-09-18
  1 min
  193 words




TRANSACTIONS HAPTICS

Summary: Rendering affective touch through haptic interfaces has gathered significant interest due to its ability to elicit emotional responses. Among various forms of affective touch, this study focuses on stroke stimuli. An illusory stroke stimulus is rendered using eight discrete Pneumatic Unit Cell (PUC)...

 Read full article:

<http://ieeexplore.ieee.org/document/11170404>

Monolingual, Non-tone Bilingual, and Tone Bilingual Infants: Language Experiences Alter Speech and Nonspeech Perception

 2025-12-18  1 min  203 words

COGNITIVE NEUROSCIENCE

Summary: Studies on first-year infants' pitch perception have witnessed shifts of perceptual focus from acoustic to linguistic information and from a wide range of contrasts to those relevant to their native language. Nevertheless, how linguistic experience interacts with this developmental process remains a...



Read full article:

<http://ieeexplore.ieee.org/document/11303644>

Oscillatory Correlates of Metacontrol: Beta and Theta Band Contributions to Feedback-dependent Cognitive Adaptation

 2025-12-18  1 min  160 words

COGNITIVE NEUROSCIENCE




Summary: The ability to adapt to varying task demands is essential for goal-directed behavior. Cognitive control styles regulate this adaptation, with persistence reflecting high top-down control and flexibility reflecting lower control. Metacontrol facilitates the dynamic adjustment between these states bas...



Read full article:

<http://ieeexplore.ieee.org/document/11303559>

The Role of Rapid Eye Movement Sleep in Neural Differentiation of Memories in the Hippocampus

 2025-12-18  1 min  298 words


COGNITIVE NEUROSCIENCE

Summary: When faced with a familiar situation, we can use memory to make predictions about what will happen next. If such predictions turn out to be erroneous, the brain can adapt by differentiating the representations of the cue from the mispredicted item itself, reducing the likelihood of future prediction...

 Read full article:

<http://ieeexplore.ieee.org/document/11303564>

The mood stabilizer lithium alters behaviour and physiology via the gut brain axis.

 Thorpe, D. W., Ootsuka, Y., Peterson, R. A., Jones, L. A., Humenick, A., Martin, A. M., Zivkovic, J., Sakaguchi, J., McArdle, J., Ittner, A., Brookes, S. J., Habib, A., Sirimaharaj, R., Tawodros, Y., Roach, M. J., Edwards, R. A., Clevers, H., Beumer, J., Puschof, J., Wei, L., Singh, R., Ha, S. E., Ro, S., Zubcevic, J., otmanowski, E., Mendez-Hernandez, R., de Lartigue, G., Blessing, W. W., Keating, D. J.

 2026-01-27  1 min  199 words

BIORXIV NEUROSCIENCE

Summary: Lithium, introduced 75 years ago by John Cade¹, remains the most effective mood stabilizer for bipolar disorder². Lithium is proposed to modulate an array of cellular pathways, many ubiquitous to all cells, with pleiotropic roles unlinked to bipolar disorder or lithium responsiveness in genome wide ...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701868v1?rss=1>

Dynamic conformational ensembles of soluble Tau encode neuronal toxicity prior to aggregation



Georgescauld, F., Okekenwa, S., Boyd, T., Donahue, C., Quittot, N., Dickson, J., Fan, Z., Brady, S., Blackston, C., Hyman, B., Song, Y.



2026-01-27



1
min



181
words

BIORXIV NEUROSCIENCE


Summary: Tau aggregation is a defining feature of Alzheimer's disease and related tauopathies, yet the conformational states of Tau in neurons prior to aggregation remain poorly understood. Existing structural models are derived largely from fibrillar assemblies and provide limited insight into the dynamic, ...




Read full article:


<https://www.biorxiv.org/content/10.64898/2026.01.26.701882v1?rss=1>

Traumatic Brain Injury Associated with Altered Corpus Callosum Microstructure in Females: Exploring the Roles of Menopause Timing and Hormone Therapy in UK Biobank

 Espana-Irla, G., Tinney, E. M., Perko, M., Nwakamma, M., Noble, S., Morris, T. P.

 2026-01-27

 1 min

 306 words



BIORXIV NEUROSCIENCE


Summary: Abstract Background Traumatic brain injury (TBI) has lasting effects on white matter, yet sex-specific factors such as menopause timing and hormone replacement therapy (HRT) may modulate these outcomes in females. Objectives To investigate how TBI, menopause timing, HRT use, and reproductive history...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701743v1?rss=1>

Normal force in natural active touch correlates with fingertip stiffness

 2026-01-27  1 min




 0 words

NATURE NEUROSCIENCE SUBJECTS


 Read full article:

<https://www.nature.com/articles/s41598-026-37174-x>

Combinatorial chemistry identifies additional compounds that selectively inhibit DLK-dependent retrograde signaling while minimally affecting other axonal roles of DLK




 2026-01-27  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:

<https://www.nature.com/articles/s41598-025-24517-3>

Doing the thing is doing the thing

 2026-01-27  1 min  2 words




HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46776155)

 Read full article:

<https://www.softwaredesigning.blog/doing-the-thing-is-doing-the-thing>

Hypercubic (YC F25) Is Hiring a Founding SWE and COBOL Engineer



 2026-01-27  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46784491)


 Read full article:
<https://www.ycombinator.com/companies/hypercubic/jobs>

U.S. government has lost more than 10k STEM PhDs since Trump took office




 2026-01-27  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46784263)


 Read full article:
<https://www.science.org/content/article/u-s-government-has-lost-more-10-000-stem-ph-d-s-trump-took-office>

Lennart Poettering, Christian Brauner founded a new company


 2026-01-27  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46784572)

 Read full article:
<https://amutable.com/about>

One Human and One Agent = One Browser from Scratch

 pretext  2026-01-27  1 min  13 words

HACKER NEWS





Summary:

Article URL: <https://simonwillison.net/2026/Jan/27/one-human-one-agent-one-browser/>

Comments URL: <https://news.ycombinator.com/item?id=46783024>

 Read full article:
<https://simonwillison.net/2026/Jan/27/one-human-one-agent-one-browser/>

Prism

 meetpateltech  2026-01-27  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://openai.com/index/introducing-prism>

Comments URL: <https://news.ycombinator.com/item?id=46783752>

Points: 13

Comments: 4

 Read full article:
<https://openai.com/index/introducing-prism>

U.S. government has lost more than 10k STEM PhDs since Trump took office


 j_maffe  2026-01-27  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://www.science.org/content/article/u-s-government-has-lost-more-10-000-stem-ph-d-s-trump-took-office>

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<https://www.science.org/content/article/u-s-government-has-lost-more-10-000-stem-ph-d-s-trump-took-office>

Hypercubic (YC F25) Is Hiring a Founding SWE and COBOL Engineer

 sai18  17 2026-01-27  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://www.ycombinator.com/companies/hypercubic/jobs>





Comments URL: <https://news.ycombinator.com/item?id=46784491>

Points: 0

Comments:...

 **Read full article:**
<https://www.ycombinator.com/companies/hypercubic/jobs>

Lennart Poettering, Christian Brauner founded a new company

 hornedhob  17 2026-01-27  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://amutable.com/about>



Comments URL: <https://news.ycombinator.com/item?id=46784572>

Points: 33

Comments: 17


 **Read full article:**
<https://amutable.com/about>

Drawing the Line: Wearable Linear Haptics Motivated by Guided Breathing

 2025-09-15  1 min  187 words



TRANSACTIONS HAPTICS

Summary: Haptic wearables provide an intuitive human-machine interface to convey information through the sense of touch, which may have promising applications in guided breathing. In this paper, we detail the design and evaluation of three wearable prototypes (Vibration, Skin Drag, and Tapping) capable of ad...

 Read full article:


<http://ieeexplore.ieee.org/document/11164370>

Haptics of Pulse Palpation: Simulation and Validation Through Novel Sensor-Actuator System

 2025-08-29  1 min  233 words




TRANSACTIONS HAPTICS

Summary: Palpation of arteries holds significant physiological importance. Existing pulse actuator designs intended to replicate the haptic sensations of palpation primarily focus on normal force interactions, often overlooking the shear forces generated by oscillations of the arterial wall during blood flow...

 Read full article:

<http://ieeexplore.ieee.org/document/11145272>

Scene-sensitive Medial Temporal Lobe Subregions Are Recruited for the Integration of Non-scene Stimuli

 2025-12-18  1 min  281 words

COGNITIVE NEUROSCIENCE

Summary: A hallmark feature of episodic memory is the ability to flexibly recombine information across episodes to form new associations and guide behavior. This process, termed associative inference, relies on the hippocampus and surrounding medial temporal lobe (MTL) subregions. We previously found that cr...

 Read full article:


<http://ieeexplore.ieee.org/document/11303561>

Increasing Signal, Reducing Noise: Contrasting Neural Mechanisms of Attention in Visual Search

 2025-12-18  1 min  291 words




COGNITIVE NEUROSCIENCE

Summary: When invariant target–distractor arrays are presented repeatedly during visual search, participants respond faster on repeated versus novel configuration trials. This effect reflects attentional guidance through long-term memory (LTM) templates—a phenomenon termed contextual cueing. Subsequently, re...

 Read full article:


<http://ieeexplore.ieee.org/document/11303567>

The Neural Bases of Graphical Perception: A Novel Instance of Cultural Recycling?

 2025-12-18  1 min  208 words

COGNITIVE NEUROSCIENCE

Summary: Graphical representations of quantitative data abound in our culture, and yet the brain mechanisms of graphicacy, by which viewers quickly extract statistical information from a data graphic, are unknown. Here, using scatterplots as stimuli, we tested two hypotheses about the brain areas underlying ...

 Read full article:

<http://ieeexplore.ieee.org/document/11303565>

Neural Evidence for Tonal Prediction: Multivariate Decoding of Predicted Tone Categories Using Functional Magnetic Resonance Imaging Data

 2025-12-18  1 min  170 words

COGNITIVE NEUROSCIENCE

Summary: Predictive processing plays a central role in language comprehension, allowing listeners to generate predictions about upcoming linguistic input. Although considerable evidence supports segmental prediction, less is known about whether listeners can form predictions about suprasegmental features suc...

 Read full article:

<http://ieeexplore.ieee.org/document/11303571>

Is torpor a quiescent state? Periodic motility and transient brain activation during daily torpor in Djungarian hamsters



Hauglund, N. L., Mukherji, R., Zhou, X., Hoerder-Suabedissen, A., Mao, R., Peirson, S. N., Herwig, A., Deboer, T., Vyazovskiy, V. V.



2026-01-27



1
min



274
words

BIORXIV NEUROSCIENCE

Summary: Torpor is a hypometabolic state employed by many mammalian and non-mammalian species to cope with harsh environments. When exposed to a short photoperiod, Djungarian hamsters (*Phodopus sungorus*) enter daily torpor with body temperatures dropping as low as 15 degrees Celcius. Despite the widely-held ...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.25.701526v1?rss=1>

A low-variance subspace underlies individual differences in resting state fMRI



Borovykh, A., Weissenbacher, M., Noble, S., Shinn, M.



2026-01-27



1
min



219
words

BIORXIV NEUROSCIENCE

Summary: People differ remarkably from one another, yet isolating individual differences in their brain activity remains challenging. Non-invasive whole-brain recordings of human brain activity, such as those from resting state fMRI (rs-fMRI), are complex and noisy, making it difficult to isolate stable dime...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.25.701594v1?rss=1>

Sample size dependence of Occam's razor in human decision-making



Rinaldi, F. G., Piasini,
E.



2026-01-27



1
min



298
words

BIORXIV NEUROSCIENCE

Summary: To make sense of a noisy world, living beings constantly face decisions between competing interpretations for ambiguous sensory data. This process parallels statistical model selection, where most frameworks, like the Akaike Information Criterion (AIC) and the Bayesian Information Criterion (BIC), a...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.25.701581v1?rss=1>

4 Pyrefly Type Narrowing Patterns that make Type Checking more Intuitive



/u/
BeamMeUpBiscotti



2026-01-27



1
min



151
words

REDDIT PYTHON




Summary: <!-- SC_OFF --><div class="md"><p>Since Python is a duck-typed language, programs often narrow types by checking a structural property of something rather than just its class name. For a type checker, understanding a wide variety of narrowing patterns is essential for making it as easy as possible f...



Read full article:

https://www.reddit.com/r/Python/comments/1qolit2/4_pyrefly_type_narrowing_patterns_that_make_type/

Flexible use of a multi-purpose tool by a cow

 2026-01-21  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46711159)



Read full article:

<https://doi.org/10.1016/j.cub.2025.11.059>

A few random notes from Claude coding quite a bit last few weeks

 2026-01-26  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46771564)



Read full article:

<https://twitter.com/karpathy/status/2015883857489522876>

430k-year-old well-preserved wooden tools are the oldest ever found

 2026-01-27  1 min  2 words

HACKER NEWS





Summary: [Comments](https://news.ycombinator.com/item?id=46781530)



Read full article:

<https://www.nytimes.com/2026/01/26/science/archaeology-neanderthals-tools.html>

430k-year-old well-preserved wooden tools are the oldest ever found

 bookofjoe  2026-01-27  1 min  18 words

HACKER NEWS

Summary:



<https://archive.ph/mHIUT>

[https://apnews.com/article/oldest-wooden-tools-marathousa-1-...](https://apnews.com/article/oldest-wooden-tools-marathousa-1-6e07cfc79f6d8ba648138f805531b933)

Read full article:

<https://www.nytimes.com/2026/01/26/science/archaeology-neanderthals-tools.html>

Amazon to shut down Go and Fresh stores

 gmays  17 2026-01-27  1 min  14 words

HACKER NEWS



Summary:

<p>https://www.wsj.com/business/retail/amazon-to-shut-down-all-...</p> <hr /> <p>Comments URL: https://news.ycom...

 Read full article:

<https://www.cnn.com/2026/01/27/food/amazon-fresh-go-closures>

Show HN: LemonSlice – Give your voice agents a face

 lcolucci  17 2026-01-27  2 min  450 words

HACKER NEWS



Summary:

<p>Hey HN, we're the co-founders of LemonSlice (https://lemonslice.com). We train interactive avatar video models. Our API lets you upload a photo and immediately jump into a FaceTime-style call with that character. Here's a demo: <a href="https://www.loom.com/sh..."

 Read full article:


<https://news.ycombinator.com/item?id=46783600>

HapticGiant: A Novel Very Large Kinesthetic Haptic Interface With Hierarchical Force Control

 2025-08-14  1 min  139 words



TRANSACTIONS HAPTICS

Summary: Research in virtual reality and haptic technologies has consistently aimed to enhance immersion. While advanced head-mounted displays are now commercially available, kinesthetic haptic interfaces still face challenges such as limited workspaces, insufficient degrees of freedom, and kinematics not ma...

 Read full article:


<http://ieeexplore.ieee.org/document/11125831>

“Persuasive Vibrations”: Studying the Influence of Vibration Parameters on Speech Persuasion

 2025-08-19  1 min  207 words




TRANSACTIONS HAPTICS

Summary: This paper investigates the notion of “Persuasive Vibrations”, which showed that augmenting a person's speech with vibrotactile feedback could artificially increase persuasion. However, while the initial paper has shown the effect, the underlying reasons why vibrations enhance persuasion remain unkn...

 Read full article:

<http://ieeexplore.ieee.org/document/11130394>

A Survey on Tactile Change Blindness

 2025-08-08  1 min  119 words




TRANSACTIONS HAPTICS

Summary: While vibrotactile displays continue to gain popularity, it remains that the phenomenon of tactile change blindness negatively impacts the human ability to detect changes between and within tactile signals. This paper surveys the research literature on tactile change detection and blindness under va...

 Read full article:

<http://ieeexplore.ieee.org/document/11121155>

From Restoration to Augmentation: New Approaches to Haptic Feedback for Artificial Limbs

 2025-12-08  1 min  167 words




TRANSACTIONS HAPTICS

Summary: Haptic feedback is essential for precise motor control, making its integration into artificial limbs a critical design challenge. Current approaches to restoring lost tactile input in patients have focused on interfacing with somatosensory pathways at the brain, nerve, or skin level, achieving parti...

 Read full article:


<http://ieeexplore.ieee.org/document/11284873>

Recent Achievements of Electrotactile Displays in IEEE Transactions on Haptics

 2025-11-21  1 min  109 words

TRANSACTIONS HAPTICS

Summary: Electrotactile displays are a promising technology that combines the simplicity of implementation using only electronic circuits with the flexibility to deliver tactile sensations across many body sites. In recent years, their applications and research have rapidly advanced. This article provides an...

 Read full article:


<http://ieeexplore.ieee.org/document/11264420>

Typical Perceptual Sensitivity to Changes in Interpersonal Distance in Developmental Prosopagnosia

 2025-12-18  1 min  213 words




COGNITIVE NEUROSCIENCE

Summary: Social perception research has traditionally sought to elucidate the visual processing engaged by the faces and bodies of individuals. Recently, however, there has been growing interest in how we perceive dyadic interactions between people. Early findings suggest that dyads arranged face-to-face may...

 Read full article:

<http://ieeexplore.ieee.org/document/11303645>

The Interactive Effects of Negative Emotion and Reward Motivation on Visual Perception

 2025-12-18  1 min  233 words

COGNITIVE NEUROSCIENCE

Summary: Although there is a rapidly growing interest in reward–emotion interactions, our current understanding of how negative emotion influences reward motivation and modulates reward-driven enhancements in visual perception remains limited. To address these gaps, we conducted an fMRI study using a novel v...

 Read full article:

<http://ieeexplore.ieee.org/document/11303570>

Suppressive Interactions between Nearby Stimuli in Visual Cortex Reflect Crowding

 2025-12-18  1 min  178 words


COGNITIVE NEUROSCIENCE

Summary: Crowding is a phenomenon in which visual object identification is impaired by the close proximity of other stimuli. The neural processes leading to object recognition and its breakdown as seen in crowding are still debated. To assess how crowding affects the processing of stimuli in visual cortex, w...


 Read full article:

<http://ieeexplore.ieee.org/document/11303560>

Welcoming & Congratulating Our Newly Elected EMBS ExCom Members

 Nancy
Zimmerman

 2025-12-14  1
min

 18
words



EMBS


Summary: <p>The post Welcoming & Congratulating Our Newly Elected EMBS ExCom Members appeared first on IEEE EMBS.</p>

 Read full article:

<https://www.embs.org/featured-news/welcoming-congratulating-our-newly-elected-embs-excom-members/>

SoundCloud Data Breach Now on HaveIBeenPwned

 2026-01-27  1
min

 2
words



HACKER NEWS

Summary: Comments

 Read full article:

<https://haveibeenpwned.com/Breach/SoundCloud>

A first look at Aperture by Tailscale (private alpha)

 geoffeg  2026-01-27  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://tailscale.com/blog/aperture-private-alpha>





Comments URL: <https://news.ycombinator.com/item?id=46782091>

Points: 5

Comments: 0

 Read full article:
<https://tailscale.com/blog/aperture-private-alpha>

SoundCloud Data Breach Now on HaveIBeenPwned

 gnabgib  2026-01-27  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://haveibeenpwned.com/Breach/SoundCloud>



Comments URL: <https://news.ycombinator.com/item?id=46782930>

Points: 10


Comments: 0

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<https://haveibeenpwned.com/Breach/SoundCloud>

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 2026-01-08  1 min  1 words

TRANSACTIONS HAPTICS

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Front Cover

 2026-01-08  1 min  1 words

TRANSACTIONS HAPTICS

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<http://ieeexplore.ieee.org/document/11339381>

Alterations of brain activity in noise-exposed rats after transcutaneous auricular vagus nerve stimulation evaluated via fMRI

 1 min  20 words




NEUROSCIENCE JOURNAL

Summary: <p>Publication date: 5 March 2026</p><p>Source: Neuroscience, Volume 596</p><p>Author(s): Nian Li, Liqin Zhang, Xu Tian, Yang Zhao, Guodong Feng, Zhiqiang Gao</p>

 Read full article:

https://www.sciencedirect.com/science/article/pii/S0306452226000382?dgcid=rss_sd_all

Gut bacteria composition in animal models of Parkinson's disease: a systematic review and meta-analysis



 2026-01-27  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:


<https://www.nature.com/articles/s41531-025-01236-0>

A simulation where life unfolds in real time

 2026-01-21  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46702948)

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<https://soupof.life>

Artie (YC S23) Is Hiring a Founding Recruiter

 2026-01-27  1 min  2 words



HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46782763)

 Read full article:

<https://www.ycombinator.com/companies/artie/jobs/MX163y2-founding-recruiter>

OpenSSL: Stack buffer overflow in CMS AuthEnvelopedData parsing



 2026-01-27  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46782662)

 **Read full article:**
<https://openssl-library.org/news/vulnerabilities/#CVE-2025-15467>

Management as AI superpower: Thriving in a world of agentic AI

 2026-01-27  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46782811)

 **Read full article:**
<https://www.oneusefulting.org/p/management-as-ai-superpower>

OpenSSL: Stack buffer overflow in CMS AuthEnvelopedData parsing



MagerValp



2026-01-27

1
min13
words

HACKER NEWS

Summary: <p>Article URL: https://openssl-library.org/news/vulnerabilities/#CVE-2025-15467</p> <p>Comments URL: https://news.ycombinator.com/item?id=46782662</p> <p>Points...



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Artie (YC S23) Is Hiring a Founding Recruiter

j-
cheong

2026-01-27

1
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HACKER NEWS

Summary: <p>Article URL: https://www.ycombinator.com/companies/artie/jobs/MX163y2-founding-recruiter</p> <p>Comments URL: https://news.ycombinator.com/item?id=4678...



Read full article:

<https://www.ycombinator.com/companies/artie/jobs/MX163y2-founding-recruiter>

Management as AI superpower: Thriving in a world of agentic AI



swolpers



2026-01-27

1
min13
words

HACKER NEWS

Summary:

Article URL: <https://www.oneusefulthing.org/p/management-as-ai-superpower>

Comments URL: <https://news.ycombinator.com/item?id=46782811>

Points: 5 ...



Read full article:

<https://www.oneusefulthing.org/p/management-as-ai-superpower>

Modulatory effects of genetic vs. pharmacological HCN4 channel inhibition on stimuli transmission during acute pain

1
min24
words

NEUROSCIENCE JOURNAL

Summary:

Publication date: 5 March 2026

Source: Neuroscience, Volume 596

Author(s): Maximilian Häfele, Natalia K. Freus, Silke Kreitz, Maria Novella Romanelli, Andreas Ludwig, Isabel Wank, Andreas Hess



Read full article:

https://www.sciencedirect.com/science/article/pii/S0306452226000175?dgcid=rss_sd_all


Gray-white matter contrast as an index of neurobiological alterations in anorexia nervosa

1
min

27
words


NEUROSCIENCE JOURNAL

Summary: <p>Publication date: 5 March 2026</p><p>Source: Neuroscience, Volume 596</p><p>Author(s): Sanberk Ugur, Christopher R. Madan, Valentina Meregalli, Sofia Gentili, Serena Giovannini, Marco Romanelli, Renzo Manara, Angela Favaro, Enrico Collantoni</p>

 Read full article:

https://www.sciencedirect.com/science/article/pii/S0306452226000242?dgcid=rss_sd_all

[Project] Student-made Fishing Bot for GTA 5 using OpenCV & OCR (97% Success Rate)

 /u/Aggressive-Buyer267


 17 2026-01-26

1
min

209
words




REDDIT PYTHON

Summary: <!-- SC_OFF --><div class="md"><p>https://imgur.com/a/B3WbXVi
 Hi everyone! I'm an Engineering student and I wanted to share my first real-world Python project. I built an automation tool that uses Computer Vision to handle a fishing mechanic.</p> <p><s...</p>

 Read full article:

https://www.reddit.com/r/Python/comments/1qnn9o5/project_studentmade_fishing_bot_for_gta_5_using/

Amazon to Shut Down All Amazon Go and Amazon Fresh Stores

 2026-01-27  1 min  2 words



HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46781707)

 Read full article:

<https://www.wsj.com/business/retail/amazon-to-shut-down-all-amazon-go-and-amazon-fresh-stores-0301dfb7>

Cloudflare claimed they implemented Matrix on Cloudflare workers. They didn't

 2026-01-27  1 min  2 words




HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46781516)

 Read full article:

<https://tech.lgbt/@JadedBlueEyes/115967791152135761>

430k-year-old well-preserved wooden tools are the oldest ever found

 2026-01-27  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46781530)

 Read full article:

<https://archaeologymag.com/2026/01/430000-year-old-wooden-tools-marathousa/>

Amazon Closing Fresh and Go Stores

 trenning  2026-01-27  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://finance.yahoo.com/news/amazon-closing-fresh-grocery-convenience-150437789.html>

Comments URL: [https://news.ycombi...](https://news.ycombinator.com/item?id=46781444)

 Read full article:

<https://finance.yahoo.com/news/amazon-closing-fresh-grocery-convenience-150437789.html>

Cloudflare claimed they implemented Matrix on Cloudflare workers. They didn't



JadedBlueEyes



2026-01-27



1
min



13
words

HACKER NEWS

Summary:

Article URL: <https://tech.lgbt/@JadedBlueEyes/115967791152135761>

Comments URL: <https://news.ycombinator.com/item?id=46781516>

Points: 81

Comments: 15...



Read full article:

<https://tech.lgbt/@JadedBlueEyes/115967791152135761>

430k-year-old well-preserved wooden tools are the oldest ever found



bookofjoe



2026-01-27



1
min



13
words

HACKER NEWS

Summary:

Article URL: <https://archaeologymag.com/2026/01/430000-year-old-wooden-tools-marathousa/>

Comments URL: <https://news.ycombinator.com/item?id=46781530>



Read full article:

<https://archaeologymag.com/2026/01/430000-year-old-wooden-tools-marathousa/>

Amazon to Shut Down All Amazon Go and Amazon Fresh Stores

 gmays

 17

2026-01-27



1

min



13

words

HACKER NEWS

Summary:

Article URL: <https://www.wsj.com/business/retail/amazon-to-shut-down-all-amazon-go-and-amazon-fresh-stores-0301dfb7>

Comments URL: <https://news.ycombinator.com/item?...>



Read full article:

<https://www.wsj.com/business/retail/amazon-to-shut-down-all-amazon-go-and-amazon-fresh-stores-0301dfb7>

Pre-myelinating oligodendrocyte ADGRG1 is required for axon ensheathment and CNS myelin formation



Zhu, B., Li, T., Rodrigues, B. V., Piller, M. V., Call, C. L., Mogha, A., Belloso-Iguerategui, A., Chiou, B., Schmidt, R., Wangzhou, A., Thurber, A., Dee, M., Larson, C., Monk, K., Piao, X.

 17

2026-01-27



1

min



141

words

BIORXIV NEUROSCIENCE

Summary: Myelin is essential for axonal health and rapid propagation of action potentials. In the central nervous system (CNS), myelination is initiated with axon ensheathment by pre-myelinating oligodendrocytes (preOLs), followed by iterative membrane wrapping and longitudinal extension along the axon. The ...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701898v1?rss=1>

Driving theta-gamma oscillations modulates extrasynaptic GABAergic tone: a tACS-TMS study



Lasbareilles, C., Mancini, V., Pogosyan, A., Zhang, H., Austin, C., Tan, H., Stagg, C.

2026-01-27



1
min



237
words

BIORXIV NEUROSCIENCE

Summary: BACKGROUND: Theta-gamma phase-amplitude coupled ($\{\theta\}\{\gamma\}$ -PAC) oscillations in primary motor cortex (M1) have been shown to support motor skill acquisition. Past research has shown that driving gamma activity at the theta peak (TGP), but not the theta trough (TGT) using transcranial alternatin...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.700604v1?rss=1>

Parallel control of conjunctive and compositional representations supports dynamic task preparation



Chai, M., Ikink, I., Mattioni, S., Benavides, R. A., Kukkonen, N., Senoussi, M., Brass, M., Holroyd, C. B., Braem, S.



2026-01-27



1
min



159
words

BIORXIV NEUROSCIENCE

Summary: People can dynamically and adaptively update task goals in the face of task uncertainty. In this fMRI study, we aimed to investigate the modulation of neural task representations that subserve such flexible task control. On each trial, we asked people to perform one of nine image categorization task...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701713v1?rss=1>

Functional recruitment of astrocyte-derived neurons into the mouse visual cortex



Leaman, S., Ferreira, F. M., Dong, L., Arranz, A. B., Jurado-Arjona, J., Mora, A. G., Cooper, A., Treder, N., Fakhira, S., Sreenivasan, V., Marichal, N., Marin, O., Khan, A., Berninger, B.



2026-01-27



1
min



140
words

BIORXIV NEUROSCIENCE

Summary: Inducing neurogenesis from glia could permit circuit remodeling and neuron replacement in the brain. Indirect evidence suggests that glia-to-neuron reprogramming is feasible, but the dynamics of conversion have not been directly observed, and it remains unclear whether glia-derived cortical neurons ...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.25.701593v1?rss=1>

Astrocyte diversity and aging in the mouse lemur primate brain



Garcia, L., Dupuis, L., Petit, F., Lam, S., Picq, J.-L., Dhenain, M.



2026-01-27



1
min



190
words

BIORXIV NEUROSCIENCE

Summary: Astrocytes play key roles in maintaining brain homeostasis, metabolism, and neurovascular integrity, yet their diversity and age-related modulation remain insufficiently understood, particularly across primate lineages. While rodent studies have generated extensive knowledge, notable species differe...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701678v1?rss=1>

Chronic acoustic degradation via cochlear implants alters predictive processing of audiovisual speech



Gastaldon, S., Gheller, F., Bonfiglio, N., Brotto, D., Bottari, D., Trevisi, P., Martini, A., Vespignani, F., Peressotti, F.



2026-01-27



1
min



243
words

BIORXIV NEUROSCIENCE

Summary: This study provides the first neurophysiological evidence of how cochlear implant (CI) input affects predictive processing during audiovisual language comprehension in deaf individuals. Using EEG, we compared 18 CI users with 18 normal-hearing (NH) controls during sentence comprehension where final ...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.25.701504v1?rss=1>

WebRockets: High-performance WebSocket server for Python, powered by Rust



/u/
ploMP4



2026-01-27



1
min



218
words

REDDIT PYTHON




Summary: <!-- SC_OFF --><div class="md"><p>What My Project Does</p> <p>WebRockets is a WebSocket library with its core implemented in Rust for maximum performance. It provides a clean, decorator-based API that feels native to Python. </p> <p>Features</p> Rust core ...



Read full article:

https://www.reddit.com/r/Python/comments/1qodxmv/webrockets_highperformance_websocket_server_for/

The Enchiridion by Epictetus

 2026-01-23  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46735637)



Read full article:

<https://www.gutenberg.org/files/45109/45109-h/45109-h.htm>

Xfwl4 – The Roadmap for a Xfce Wayland Compositor

 2026-01-27  1 min  2 words

HACKER NEWS


Summary: [Comments](https://news.ycombinator.com/item?id=46779645)



Read full article:

https://alexcons.github.io/blogpost_15.html

Show HN: We Built the 1. EU-Sovereignty Audit for Websites





 2026-01-27  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46779994)

 **Read full article:**
<https://lightwaves.io/en/eu-audit/>

Xfwl4 – The Roadmap for a Xfce Wayland Compositor

 pantalaimon  2026-01-27  1 min  13 words

HACKER NEWS

Summary:

Article URL: https://alexcons.github.io/blogpost_15.html

Comments URL: <https://news.ycombinator.com/item?id=46779645>

Points: 32

Comments: 5

 **Read full article:**
https://alexcons.github.io/blogpost_15.html

TikTok users can't upload anti-ICE videos. The company blames tech issues



kotaKat



2026-01-27



1
min



13
words

HACKER NEWS

Summary:

Article URL: <https://www.cnn.com/2026/01/26/tech/tiktok-ice-censorship-glitch-cec>

Comments URL: <https://news.ycombinator.com/item?id=46779809>



Read full article:

<https://www.cnn.com/2026/01/26/tech/tiktok-ice-censorship-glitch-cec>

Show HN: We Built the 1. EU-Sovereignty Audit for Websites



cmkr



2026-01-27



1
min



13
words

HACKER NEWS

Summary:

Article URL: <https://lightwaves.io/en/eu-audit/>

Comments URL: <https://news.ycombinator.com/item?id=46779994>

Points: 23

Comments: 10



Read full article:

<https://lightwaves.io/en/eu-audit/>

The age of Pump and Dump software

 brisky  2026-01-27  1 min  13 words 

Summary:

Article URL: <https://tautvilas.medium.com/software-pump-and-dump-c8a9a73d313b>

Comments URL: <https://news.ycombinator.com/item?id=46780065>

Points...




 **Read full article:**
<https://tautvilas.medium.com/software-pump-and-dump-c8a9a73d313b>

Early functional changes and plasma GFAP in Swedish families with Autosomal Dominant Alzheimer's disease mutations

 2026-01-27  1 min  0 words 

 **Read full article:**
<https://www.nature.com/articles/s41398-026-03829-6>

Remote collaboration in virtual reality induces physiological synchrony comparable to face-to-face interaction

 2026-01-27  1 min  0 words



NATURE NEUROSCIENCE SUBJECTS



Read full article:

<https://www.nature.com/articles/s41598-026-35955-y>

Comparison of kinetic adaptations in gait initiation following exergaming and balance training in athletes with chronic ankle instability

 2026-01-27  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS



Read full article:

<https://www.nature.com/articles/s41598-026-35898-4>

Therapeutic effects of IGF-2 on NMOSD by inhibiting astrocyte apoptosis through modulation of the IGF-1R/PI3K/AKT signaling pathway

 2026-01-27  1 min  0 words




NATURE NEUROSCIENCE SUBJECTS




Read full article:

<https://www.nature.com/articles/s41598-026-37456-4>

Chronic sleep restriction activates complement and coagulation cascades: a molecular link to accelerated brain aging




 2026-01-27  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:

<https://www.nature.com/articles/s44323-025-00066-w>

Characteristics of motor polyneuropathy in Fabry disease: a case-control study


 2026-01-27  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:

<https://www.nature.com/articles/s41598-026-37198-3>

Electroencephalography signatures of motor error and stimulus-driven attention in electrical muscle stimulation-induced wrist movements under motor imagery

 Isao Nambu

 17

2026-01-27



1

min



268

words

FRONTIERS HUMAN NEUROSCIENCE

Summary: This study examines how electroencephalography (EEG) signatures are modulated during passive movements induced by electrical muscle stimulation (EMS). Specifically, we focused on three key factors: (1) motor errors, (2) stimulus-driven attention, and (3) cognitive conditions (motor imagery and waiti...



Read full article:

<https://www.frontiersin.org/articles/10.3389/fnhum.2025.1713908>

Does Python code tend to be more explicit than other alternatives?



/u/

yughiro_destroyer

 17

2026-01-27



1

min



114

words

REDDIT PYTHON



Summary: <!-- SC_OFF --><div class="md"><p>For example, Java and C# are full of enterprise coding styles, OOP and design patterns. For me, it's a nightmare to navigate and write code that way at my workplace. But whenever I read Python code or I read online lessons about it, the code is more often than not I...



Read full article:

https://www.reddit.com/r/Python/comments/1qod6qk/does_python_code_tend_to_be_more_explicit_than/

Snow Simulation Toy

 2026-01-20  1 min  2 words

HACKER NEWS





Summary: [Comments](https://news.ycombinator.com/item?id=46691548)



Read full article:

<https://potch.me/2026/snow-simulation-toy.html>

The C-Shaped Hole in Package Management

 tanganik  2026-01-27  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://nesbitt.io/2026/01/27/the-c-shaped-hole-in-package-management.html>


Comments URL: [https://news.ycombinator.com/item?id=467781...](https://news.ycombinator.com/item?id=46778123)



Read full article:

<https://nesbitt.io/2026/01/27/the-c-shaped-hole-in-package-management.html>

Mothers (YC X26, Defense Tech) Is Hiring

 2026-01-27  1 min  2 words


HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46779136)

 Read full article:

https://jobs.ashbyhq.com/9-mothers?utm_source=x8pZ4B3P3Q

Trayd (YC S23) is hiring senior engineers in NYC

 caratrayd  2026-01-27  1 min  9 words

HACKER NEWS

Summary:

Comments URL: <https://news.ycombinator.com/item?id=46778846>



Points: 0

Comments: 0

 Read full article:

<https://news.ycombinator.com/item?id=46778846>

Mothers (YC X26, Defense Tech) Is Hiring

 ukd1  2026-01-27  1 min  13 words

HACKER NEWS

Summary:

Article URL: https://jobs.ashbyhq.com/9-mothers?utm_source=x8pZ4B3P3Q

Comments URL: <https://news.ycombinator.com/item?id=46779136>




Points: 0

Com...

 Read full article:

https://jobs.ashbyhq.com/9-mothers?utm_source=x8pZ4B3P3Q

Monthly Updates [December]

 2025-12-01  2 min  563 words

FMHY

Summary:



INFO

These update threads only contains major updates. If you're interested in seeing all minor changes you can follow our [Commits Page](https://github.com/fmhy/FMHYedit/commits/main) on ...

 Read full article:

<https://fmhy.net/posts/dec-2025>

I made my own Git

 2026-01-27  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46778341)



Read full article:

https://tonystr.net/blog/git_immitation

I made my own Git

 2026-01-27  1 min  2 words

HACKER NEWS






Summary: [Comments](https://news.ycombinator.com/item?id=46778341)



Read full article:

https://tonystr.net/blog/git_immitation

We Do Not Support Opt-Out Forms (2025)

 mefengl  2026-01-27  1 min  13 words 

Summary:

Article URL: <https://consciousdigital.org/why-we-do-not-support-opt-out-forms/>

Comments URL: <https://news.ycombinator.com/item?id=46777641>

Poin...

 **Read full article:**
<https://consciousdigital.org/why-we-do-not-support-opt-out-forms/>

Novel devaluation methods to explore habits in humans

 Michiels, M.  2026-01-27  1 min  285 words 

Summary: Habits in humans are commonly studied through outcome devaluation paradigms, but most existing tasks fail to capture the robustness of habitual behavior seen in animal models. I introduce two novel behavioral tasks designed to overcome these limitations. In the first task, ("shooting aliens task", n...

 **Read full article:**
<https://www.biorxiv.org/content/10.64898/2026.01.25.701564v1?rss=1>

Wing mechanosensory modulation of optic flow-sensitive descending neurons in butterflies



Lin, Z., Supple, J. A., Krapp, H. G., Lin, H.-T.



2026-01-27



1 min



237 words

BIORXIV NEUROSCIENCE

Summary: Visual motion processing in flying insects is strongly modulated by behavioural state, yet the mechanisms by which mechanosensory feedback contributes to this modulation remain poorly understood. Here we show that wing mechanosensation alone is sufficient to modulate a subset of optic flow-sensitive...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.22.701054v1?rss=1>

Ask HN: Books to learn 6502 ASM and the Apple II



2026-01-27



1 min



2 words

HACKER NEWS


Summary: [Comments](https://news.ycombinator.com/item?id=46778461)



Read full article:

<https://news.ycombinator.com/item?id=46778461>

Velox: A Port of Tauri to Swift by Miguel de Icaza

 2026-01-20  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46687729)

 **Read full article:**
<https://github.com/velox-apps/velox>

Is OpenAI Dead Yet?



 2026-01-27  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46777448)

 **Read full article:**
<https://isopenaideadyet.com/>

Celebrities say they are being censored by TikTok after speaking out against ICE

 2026-01-27  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46777652)

 Read full article:

<https://www.pride.com/culture/celebrities/tiktok-censoring-megan-stalter-and-finneas>

Is OpenAI Dead Yet?

 trickster_  2026-01-27  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://isopenaideadyet.com/>

Comments URL: <https://news.ycombinator.com/item?id=46777448>

Points: 15

Comments: 1

 Read full article:

<https://isopenaideadyet.com/>

Celebrities say they are being censored by TikTok after speaking out against ICE



saubeidl



2026-01-27



1

min



13

words

HACKER NEWS

Summary:

Article URL: <https://www.pride.com/culture/celebrities/tiktok-censoring-megan-stalter-and-finneas>

Comments URL: <https://news.ycombinator.com/item?id=46777652>



Read full article:

<https://www.pride.com/culture/celebrities/tiktok-censoring-megan-stalter-and-finneas>

Multi-class classification of brain tumors using optimized CNN and transfer learning techniques



2026-01-27



1

min



0

words




NATURE NEUROSCIENCE SUBJECTS



Read full article:

<https://www.nature.com/articles/s41598-025-34806-6>

The Universal Pattern Popping Up in Math, Physics and Biology

 2026-01-23  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46728878)

 Read full article:

<https://www.quantamagazine.org/in-mysterious-pattern-math-and-nature-converge-20130205/>

pandas 3 is the most significant release in 10 years

 /u/
datapythonista  2026-01-27  1 min  142 words

REDDIT PYTHON

Summary:




I asked in a couple of talks I gave about pandas 3 which was the biggest change in pandas in the last 10 years and most people didn't know what to answer, just a couple answered Arrow, which in a way is more an implementation detail than a change.

pandas 3 is...

 Read full article:

https://www.reddit.com/r/Python/comments/1qo7oe6/pandas_3_is_the_most_significant_release_in_10/

When two years of academic work vanished with a single click




 2026-01-22  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46726480)

 Read full article:
<https://www.nature.com/articles/d41586-025-04064-7>

The state of Linux music players in 2026

 2026-01-27  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46776564)

 Read full article:
<https://crescentro.se/posts/linux-music-players-2026/>

The state of Linux music players in 2026

 2026-01-27  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46776564)

 Read full article:

<https://crescentro.se/posts/linux-music-players-2026/>

Correction: Path planning of industrial robots based on the adaptive field cooperative sampling algorithm

 Lv Wei  2025-12-18  1 min  0 words

FRONTIERS NEUROBOTICS

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnbot.2025.1754834>

France passes bill to ban social media use by under-15s

 2026-01-27  1 min  2 words




HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46776272)

 Read full article:

<https://www.rte.ie/news/europe/2026/0127/1555251-france-social-media-ban/>

France passes bill to ban social media use by under-15s

 2026-01-27  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46776272)

 **Read full article:**

<https://www.rte.ie/news/europe/2026/0127/1555251-france-social-media-ban/>

Russia using Interpol's wanted list to target critics abroad, leak reveals

 breve  2026-01-27  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://www.bbc.com/news/articles/c20gg729y1yo>

Comments URL: <https://news.ycombinator.com/item?id=46776454>


Points: 5

Comments: 0

 **Read full article:**

<https://www.bbc.com/news/articles/c20gg729y1yo>

Multilevel sex-specific neurobiological signatures of early life adversity

Narayan, S., Beer, C., Castoldi, C., Stark, T., Dal Bianco, B., Roeh, S., Sauer, S., Bordes, J.,
 Karamihalev, S., Mitra, S., Kovarova, V., Miguel, P. M., Alberry, B., Czamara, D., Silveira, P. P., Czisch, M., Silva, B., Binder, E. B., Schmidt, M. V.



2026-01-26



1
min



170
words

BIORXIV NEUROSCIENCE


Summary: Stress exposure early in life is an established risk factor for adult psychiatric illness, yet these disorders -- including anxiety disorders and depression -- show significant sex-dependence in prevalence, symptomatology, and treatment response. The biology underlying these differences remains larg...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701291v1?rss=1>

Inhibition of Slc17a7 expressing neurons in the basolateral amygdala which project to the nucleus accumbens shapes the fidelity of motivated behavior

 Mercer, W. D., Aklan, I., Connolly, N. E., Inamdar, S. M., Fisher, B. L., Larsson, C. M., Flippo, K.

 2026-01-26  1 min  376 words

BIORXIV NEUROSCIENCE

Summary: Adaptive behavior depends on the ability to form predictive associations between environmental cues and biologically relevant outcomes. Classical models posit that projections from the basolateral amygdala (BLA) to the nucleus accumbens (NAc) promote reward seeking, whereas projections to the centra...

 **Read full article:**

<https://www.biorxiv.org/content/10.64898/2026.01.26.701876v1?rss=1>

A pathogenic AMPA receptor gating mutation disrupts synapse-mitochondrion axis and stalls synapse maturation



Xu, J., Wang, Y.-Z., Nomura, T., Van, H. M., Zhu, Y., Castillon, C., Marshall, J. J., Armstrong, J. N., Zhu, Y., Savas, J., Contractor, A.



2026-01-26



1
min



259
words

BIORXIV NEUROSCIENCE

Summary: AMPA receptors (AMPA receptors) are central regulators of excitatory synaptic transmission and play critical roles in activity dependent synapse maturation and circuit development. De novo missense mutations in AMPAR subunits have been widely linked to neurodevelopmental disorders (NDDs). Despite this, how ...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701845v1?rss=1>

Reconciling contradictory models of subthalamic nucleus contributions to basal ganglia beta oscillations



Tse, K. N., Ermentrout, G. B., Rubin, J.



2026-01-26



1
min



238
words

BIORXIV NEUROSCIENCE


Summary: Recent computational studies of Parkinsons disease have yielded contradictory findings regarding the role of the subthalamic nucleus (STN) in pathological beta oscillations, with some models implicating STN as essential for beta generation and others suggesting that STN suppresses oscillations. This...




Read full article:


<https://www.biorxiv.org/content/10.64898/2026.01.26.701663v1?rss=1>

Neural modes in motor cortex cycle over fast timescales

 Clarke, S. E., Jun, E. J., Nuyujukian, P.

 2026-01-26

 1 min

 264 words


BIORXIV NEUROSCIENCE

Summary: The embedding of low-dimensional latent states in the activity of large neuron populations has become a tenet of systems neuroscience. Despite the stability of these latent representations over time, the underlying activity of individual neurons is known to change both within experimental sessions a...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701671v1?rss=1>

The curse of dimensionality in motor cortex

 Silvernagel, M. P., Tor, A., Jun, E. J., Clarke, S. E., Sutherland, R., Marshall, K., Wu, Y., Abdulla, M. U., Even-Chen, N., Nuyujukian, P., Brain Interfacing Laboratory

 2026-01-26  1 min  210 words

BIORXIV NEUROSCIENCE

Summary: Understanding how motor cortex generates movement is a foundational challenge in neuroscience. Unsupervised dimensionality reduction techniques, such as principal component analysis (PCA), are widely used to transform high-dimensional neural data into a more interpretable, low-dimensional space. It ...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.26.701668v1?rss=1>

Comprehensive 3D mapping reveals distinct spatial gradients of SST, PV, and TH interneurons across the mouse caudoputamen



Muhsinov, J. M., Iliakis, E. A., Tu, W., Ramirez, A. N., Muniak, M. A., Wasilczuk, A., Davatolhagh, M. F., Proekt, A., Mao, T., Fuccillo, M. V.



2026-01-26



1
min



234
words

BIORXIV NEUROSCIENCE

Summary: In addition to spatially organized excitatory forebrain inputs along its mediolateral, dorsoventral, and anteroposterior axes, the striatum relies on cellular diversity to subserve its myriad processing functions. Distinct striatal GABAergic interneuron subtypes, including somatostatin (SST), parval...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.25.701604v1?rss=1>

Persistent cerebellar molecular layer interneuron activity facilitates anticipatory control of tongue movements



Galetzka, C., ELTabbal, M., Kuhn, B.



2026-01-26



1
min



166
words

BIORXIV NEUROSCIENCE


Summary: Precise, anticipatory movements depend on the brain ability to generate motor commands in advance of immediate sensory input. Although the cerebellar cortex receives abundant sensory input via the mossy fiber pathway, the mechanisms by which continuous sensory signals are transformed or gated remain...




Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.25.701635v1?rss=1>

On the need for abstract, deep reinforcement learning models in neuroscience

 Eric
Chalmers

 17 2026-01-27

 1
min


 0
words


FRONTIERS NEUROINFORMATICS

 Read full article:


<https://www.frontiersin.org/articles/10.3389/fninf.2026.1729805>

An entropic explanation of insistence on sameness in autism

 Przemysław
Śliwiński

 17 2026-01-27

 1
min

 302
words

FRONTIERS COMPUTATIONAL NEUROSCIENCE


Summary: PurposeAn information theory-based framework is proposed in attempt to explain insistence on sameness in autism as an instance of a general behavior pattern in which an individual tries to reduce surprise and uncertainty. It offers a new definition of autism as an impairment in which cognitive funct...

 Read full article:


<https://www.frontiersin.org/articles/10.3389/fncom.2025.1714428>

Clinical exome sequencing identifies novel gene variants associated with ischemic stroke in the Saudi Tabuk population

 Raed
Alserihi

 2026-01-27

 1
min

 247
words


FRONTIERS HUMAN NEUROSCIENCE


Summary: Background Variants linked to the risk of ischemic stroke have been discovered through genome-wide association studies (GWASs). These variations frequently have little consequences that lack apparent biological significance. Hence, these findings demonstrate that exome sequencing can be highly releva...

 Read full article:


<https://www.frontiersin.org/articles/10.3389/fnhum.2025.1645598>

The complex impact of auditory error direction, magnitude, and exposure on corrective responses

 Ayoub
Daliri

 2026-01-27

 1
min

 336
words

FRONTIERS HUMAN NEUROSCIENCE

Summary: Purpose When encountering errors, the brain produces within-production corrective responses to compensate for the errors. The brain also develops adaptive responses to ensure the accuracy of future productions. This study examined the impact of the number of exposures to errors with different charact...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnhum.2025.1729850>

Astrocyte-gated multi-timescale plasticity for online continual learning in deep spiking neural networks

Wude
He

2026-01-27

1
min

218
words

FRONTIERS NEUROSCIENCE

Summary: Spiking Neural Networks (SNNs) offer a paradigm of energy-efficient, event-driven computation that is well-suited for processing asynchronous sensory streams. However, training deep SNNs robustly in an online and continual manner remains a formidable challenge. Standard Backpropagation-through-Time ...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnins.2025.1768235>

Case Report: Progressive myoclonus epilepsy as an early manifestation of neuronopathic Gaucher disease

Yubao
Jiang

2026-01-27

1
min

225
words


FRONTIERS NEUROSCIENCE

Summary: Gaucher disease (GD) is a lysosomal storage disorder caused by biallelic GBA1 variants. Epilepsy is uncommon in GD and rarely manifests as progressive myoclonus epilepsy (PME), making early recognition difficult. We describe a 20-year-old man with childhood-onset myoclonus that progressed to drug-re...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnins.2026.1742318>

Complex network behavior in epileptic patients treated with Vagus Nerve Stimulation (VNS): VNS responders exhibit a unique pattern, different from VNS non-responders and healthy controls

 Milan
Brazdil

 17

2026-01-27




1
min



358
words

FRONTIERS NEUROSCIENCE

Summary: Introduction Vagus nerve stimulation (VNS) represents an alternative treatment option in drug-resistant epilepsy. VNS patients can be categorized as responders (R, $\geq 50\%$ seizure reduction) or non-responders (NR, $< 50\%$ seizure reduction). We demonstrate that VNS responders and VNS non-responders differ...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnins.2025.1662068>

Dimensionality reduction of quantitative EEG and clinical profiles uncover associations with monogenic neurodevelopmental phenotypes in SNAREopathies

 Klaus Linkenkaer-
Hansen

 17

2026-01-27



1
min



241
words


FRONTIERS NEUROSCIENCE


Summary: Introduction Monogenic neurodevelopmental disorders (mNDDs) such as SNAREopathies exhibit complex electrophysiological features and diversity among clinical symptoms, complicating the mapping of electro-clinical relationships, essential for improving diagnosis and treatment monitoring. Establishing r...

 Read full article:


<https://www.frontiersin.org/articles/10.3389/fnins.2025.1725623>

Prediction error coding as the computational basis for nocifensive and nocifensive-like behaviors

 Boriss
Sagalajev

 17 2026-01-27

 1
min

 252
words

FRONTIERS NEUROSCIENCE


Summary: Nocifensive behavior (NB) is a protective response to noxious stimuli that threaten tissue damage. However, similar motor responses, termed nocifensive-like behavior (NLB), can be evoked by unexpected innocuous stimuli. This observation challenges strict “labeled-line” models of pain, raising a fund...

 Read full article:


<https://www.frontiersin.org/articles/10.3389/fnins.2026.1758337>

First computational characterization of HTR5A-AS1: a schizophrenia-linked antisense RNA with synaptic functions

 Grant H.
Ruttenberg

 17 2026-01-27

 1
min

 290
words



FRONTIERS NEUROSCIENCE

Summary: Background/objectivesSchizophrenia is a highly heritable psychiatric disorder that affects approximately 1% of the global population. Genome-wide association studies (GWAS) have mapped most schizophrenia risk variants to noncoding regions, highlighting the role of regulatory processes and noncoding ...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnins.2026.1716081>

Kimi Released Kimi K2.5, Open-Source Visual SOTA-Agentic Model

 2026-01-27
  1 min
  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46775961)

 **Read full article:**
<https://www.kimi.com/blog/kimi-k2-5.html>

Retrieving Planned Sample Sizes from AsPredicted Preregistrations

 noreply@blogger.com (Daniel Lakens)

2025-06-23 22 min

4417 words

TWENTY PERCENT STATISTICIAN

Summary: &

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 **Read full article:**
<http://daniellakens.blogspot.com/2025/06/retrieving-planned-sample-sizes-from.html>

Are meta-scientists ignoring philosophy of science?

 noreply@blogger.com (Daniel Lakens)



2025-07-04



8 min



1681 words

TWENTY PERCENT STATISTICIAN

Summary: <p>Are meta-scientists ignoring philosophy of science (PoS)? Are they re-inventing the wheel? A recent panel at the Metascience conference engaged with this question, and the first sentence of the abstract states “Critics argue t...



Read full article:

<http://daniellakens.blogspot.com/2025/07/are-meta-scientists-ignoring-philosophy.html>

Type S and M errors as a “rhetorical tool”

 noreply@blogger.com (Daniel Lakens)



2025-09-28



17 min



3572 words

TWENTY PERCENT STATISTICIAN

Summary: <p><i>Update 30/09/2025: I have added a reply by Andrew Gelman below my original blog post.</i> </p><p>We recently posted a preprint criticizing the idea of Type S and M errors (https://osf.io/2phzb_v1). From our abstract: “While these concepts have been pr...



Read full article:

<http://daniellakens.blogspot.com/2025/09/type-s-and-m-errors-as-rhetorical-tool.html>

Why we should stop using statistical techniques that have not been adequately vetted by experts in psychology



noreply@blogger.com (Daniel
Lakens)



2025-10-29



27
min



5516
words

TWENTY PERCENT STATISTICIAN

Summary:In a recent post on Bluesky, where Richard Morey reflects on a paper he published with Clinton Davis-Stober that points out concerns with the p-curve method (Morey & Davis-Stober, 2025), he writes:

cla...



Read full article:

<http://daniellakens.blogspot.com/2025/10/why-we-should-stop-using-statistical.html>

Registration is now full for the 2024 ERP Boot Camp



Steve
Luck



2024-03-16



1
min



106
words

ERP BOOT CAMP

Summary:

The demand for the 2024 ERP Boot Camp was far beyond our expectations, and we reached our maximum registration of 30 people within one day. We already have a waiting list of over 30 people, so we have closed the registration site.




Read full article:

<https://erpinfo.org/blog/2024/3/15/registration-full>

Identification of hub genes and signaling pathways as possible therapeutic targets in human glioblastoma: evidenced by bioinformatics analysis

 1
min

 16
words

BRAIN RESEARCH

Summary: <p>Publication date: 1 March 2026</p><p>Source: Brain Research, Volume 1874</p><p>Author(s): Haniyeh Soheil Beygi, Ali Shahraki, Roghayeh Sheervalilou</p>




Read full article:

https://www.sciencedirect.com/science/article/pii/S0006899325007000?dgcid=rss_sd_all

Inflammation-induced Neuronal Damage in CNS Tuberculosis: Molecular Mechanism and Therapeutic Targets

 1
min

 17
words

BRAIN RESEARCH


Summary: <p>Publication date: 15 March 2026</p><p>Source: Brain Research, Volume 1875</p><p>Author(s): Shad Ahmad, Adil Husain, Parul Jain, Firoz Ahmad</p>




Read full article:


https://www.sciencedirect.com/science/article/pii/S0006899326000272?dgcid=rss_sd_all

CNN-based framework for Alzheimer's disease detection from EEG via dynamic mode decomposition

 Jong-Hyeon
Seo


 17 2025-11-20

 1
min

 157
words


FRONTIERS NEUROINFORMATICS


Summary: Alzheimer's disease (AD) and frontotemporal dementia (FTD) are major neurodegenerative disorders with characteristic EEG alterations. While most prior studies have focused on eyes-closed (EC) EEG, where stable alpha rhythms support relatively high classification performance, eyes-open (EO) EEG has p...

 Read full article:


<https://www.frontiersin.org/articles/10.3389/fninf.2025.1706099>

MMoGCN: a multi-gate mixture of graph convolutional network model for EEG emotion and mood disorder recognition

 Daxing Zhang, Yaru Guo, Xinni Kong, Yu Ouyang, Zhongzheng Li and Hong
Zeng

 17 2026-01-22

 1
min

 304
words

JOURNAL NEURAL ENGINEERING

Summary: Objective. Emotional states and mood disorders are closely interconnected, and their joint recognition serves as a critical pathway to uncovering their intrinsic relationship. Currently, deep learning (DL) models based on electroencephalogram (EEG) have achieved significant progress in single tasks ...

 Read full article:

<https://iopscience.iop.org/article/10.1088/1741-2552/ae37dc>

Breaking the performance barrier in deep learning-based SSVEP-BCIs: a joint frequency-phase training strategy



Wenlong Ding, Aiping Liu and Xun Chen



2026-01-22



1 min



193 words

JOURNAL NEURAL ENGINEERING

Summary: Objective. Deep learning (DL) exhibits considerable potential for steady-state visual evoked potential (SSVEP) classification in electroencephalography-based brain–computer interfaces (BCIs). SSVEP signals contain both frequency and phase characteristics that correspond to the visual stimuli. Howeve...



Read full article:

<https://iopscience.iop.org/article/10.1088/1741-2552/ae36f6>

Scalability of random forest in myoelectric control



Xinyu Jiang, Chenfei Ma and Kianoush Nazarpour



2026-01-22



1 min



250 words

JOURNAL NEURAL ENGINEERING




Summary: Objective. Myoelectric control systems translate electromyographic (EMG) signals into control commands, enabling immersive human–robot interactions in the real world and the Metaverse. The variability of EMG due to various confounding factors leads to significant performance degradation. Such variab...



Read full article:

<https://iopscience.iop.org/article/10.1088/1741-2552/ae2802>

Psychomusicology: A resounding closing cadence.





 2024-01-22  1 min  256 words

PSYCHOMUSICOLOGY

Summary: From 2012 to 2023, the American Psychological Association served as publisher of Psychomusicology: Music, Mind, and Brain. Annabel Cohen and Mark Schmuckler were the successive editors-in-chiefs during this time. As the journal is ceasing publication, the two editors reflect on the developm...

 **Read full article:**
<http://doi.org/10.1037/pmu0000305>

Places to Telnet


 tokyobreakfast  2026-01-27  1 min  13 words


HACKER NEWS

Summary: <p>Article URL: https://telnet.org/htm/places.htm</p> <p>Comments URL: https://news.ycombinator.com/item?id=46775135</p> <p>Points: 7</p> <p># Comments: 2</p>

 **Read full article:**
<https://telnet.org/htm/places.htm>

"Privacy across the boundary": Examining Perceived Privacy Risk Across Data Transmission and Sharing Ranges of Smart Home Personal Assistants

 Shuning Zhang, Shixuan Li, Haobin Xing, Jiarui Liu, Yan Kong, Xin Yi, Hewu Li

 2026-01-27

 1
min

 173
words

ARXIV CS HC

Summary: arXiv:2601.17373v1 Announce Type: new Abstract: As Smart Home Personal Assistants (SPAs) evolve into social agents, understanding user privacy necessitates interpersonal communication frameworks, such as Privacy Boundary Theory (PBT). To ground our investigation, our three-phase preliminary study (...)



Read full article:

<https://arxiv.org/abs/2601.17373>

Collab: Fostering Critical Identification of Deepfake Videos on Social Media via Synergistic Annotation



Shuning Zhang, Linzhi Wang, Shixuan Li, Yuanyuan Wu, Yuwei Chuai, Luoxi Chen, Xin Yi, Hewu Li



2026-01-27



1
min



155
words

ARXIV CS HC

Summary: arXiv:2601.17371v1 Announce Type: new Abstract: Identifying deepfake videos on social media platforms is challenged by dynamic spatio-temporal artifacts and inadequate user tools. This hinders both critical viewing by users and scalable moderation on platforms. Here, we present Collab, a web plugin...



Read full article:

<https://arxiv.org/abs/2601.17371>

A Scoping Review and Guidelines on Privacy Policy's Visualization from an HCI Perspective



Shuning Zhang, Eve He, Sixing Tao, Yuting Yang, Ying Ma, Ailei Wang, Xin Yi, Hewu Li



2026-01-27



1
min



208
words

ARXIV CS HC


Summary: arXiv:2601.17368v1 Announce Type: new Abstract: Privacy Policies are a cornerstone of informed consent, yet a persistent gap exists between their legal intent and practical efficacy. Despite decades of Human-Computer Interaction (HCI) research proposing various visualizations, user comprehension re...






Read full article:

<https://arxiv.org/abs/2601.17368>

AI-RP: The AI Relationship Process Framework

 Nadja Rupprechter, Tobias Dienlin, Tilo Hartmann


 2026-01-27  1 min  150 words

ARXIV CS HC

Summary: arXiv:2601.17351v1 Announce Type: new Abstract: For a growing number of people, AI chatbots have become close personal companions. Despite rising scholarly attention, theoretical accounts of how such relationships develop remain fragmented. Existing frameworks address important aspects of the pheno...

 **Read full article:**
<https://arxiv.org/abs/2601.17351>

Exploring Needs and Design Opportunities for Proactive Information Support in In-Person Small-Group Conversations

 Shaoze Zhou, Diana Nelly Rivera Rodriguez, Pedro Remior, Joaquin Frangi, Lingyao Li, Renkai Ma, Janet G. Johnson, Christine Lisetti, Chen Chen

 2026-01-27  1 min  139 words

ARXIV CS HC

Summary: arXiv:2601.17240v1 Announce Type: new Abstract: In-person small-group conversations play a crucial role in everyday life; however, facilitating effective group interaction can be challenging, as the real-time nature demands full attention, offers no opportunity for revision, and requires interpreti...

 **Read full article:**
<https://arxiv.org/abs/2601.17240>

Studying Mobile Spatial Collaboration across Video Calls and Augmented Reality



Rishi Vanukuru, Krithik Ranjan, Ada Yi Zhao, David Lindero, Gunilla H. Berndtsson, Gregoire Phillips, Amy Bani'c, Mark D. Gross, Ellen Yi-Luen Do



2026-01-27



1
min



252
words

ARXIV CS HC

Summary: arXiv:2601.17238v1 Announce Type: new Abstract: Mobile video calls are widely used to share information about real-world objects and environments with remote collaborators. While these calls provide valuable visual context in real time, the experience of interacting with people and moving around a ...



Read full article:

<https://arxiv.org/abs/2601.17238>

Exploring EEG-driven brain-heart coupling across sleep stages in individuals with sleep disorders



Jathushan Kaetheeswaran, Jenny Wei



2026-01-27



1
min



164
words

ARXIV CS HC

Summary: arXiv:2601.17149v1 Announce Type: new Abstract: The interactions between the brain and heart during sleep are responsible for regulating autonomic function. While brain-heart coupling has been studied in healthy populations, the relationships between neural and cardiac activity across sleep stages ...



Read full article:

<https://arxiv.org/abs/2601.17149>

Deconstructing Taste: Toward a Human-Centered AI Framework for Modeling Consumer Aesthetic Perceptions



Matthew K. Hong, Joey Li, Alexandre Filipowicz, Monica Van, Kalani Murakami, Yan-Ying Chen, Shiwali Mohan, Shabnam Hakimi, Matthew Klenk



2026-01-27



1
min



155
words

ARXIV CS HC

Summary: arXiv:2601.17134v1 Announce Type: new Abstract: Understanding and modeling consumers' stylistic taste such as "sporty" is crucial for creating designs that truly connect with target audiences. However, capturing taste during the design process remains challenging because taste is abstract and subje...



Read full article:

<https://arxiv.org/abs/2601.17134>

Acoustic Field Video for Multimodal Scene Understanding



Daehwa Kim, Chris Harrison



2026-01-27



1
min



175
words

ARXIV CS HC

Summary: arXiv:2601.17123v1 Announce Type: new Abstract: We introduce and explore a new multimodal input representation for vision-language models: acoustic field video. Unlike conventional video (RGB with stereo/mono audio), our video stream provides a spatially grounded visualization of sound intensity ac...



Read full article:

<https://arxiv.org/abs/2601.17123>

Lost in Simulation: LLM-Simulated Users are Unreliable Proxies for Human Users in Agentic Evaluations



Preethi Seshadri, Samuel Cahyawijaya, Ayomide Odumakinde, Sameer Singh, Seraphina Goldfarb-Tarrant



2026-01-27



1
min



187
words

ARXIV CS HC

Summary: arXiv:2601.17087v1 Announce Type: new Abstract: Agentic benchmarks increasingly rely on LLM-simulated users to scalably evaluate agent performance, yet the robustness, validity, and fairness of this approach remain unexamined. Through a user study with participants across the United States, India, ...



Read full article:

<https://arxiv.org/abs/2601.17087>

Far from the Shallow: Brain-Predictive Reasoning Embedding through Residual Disentanglement



Linyang He, Tianjun Zhong, Richard Antonello, Gavin Mischler, Micah Goldblum, Nima Mesgarani



2026-01-27



1
min



234
words

ARXIV QBIO NC

Summary: arXiv:2510.22860v3 Announce Type: replace-cross Abstract: Understanding how the human brain progresses from processing simple linguistic inputs to performing high-level reasoning is a fundamental challenge in neuroscience. While modern large language models (LLMs) are increasingly used to model neu...



Read full article:

<https://arxiv.org/abs/2510.22860>

A flexible framework for structural plasticity in GPU-accelerated sparse spiking neural networks



James C. Knight, Johanna Senk, Thomas

Nowotny



2026-01-27



1
min



275
words

ARXIV QBIO NC

Summary: arXiv:2510.19764v2 Announce Type: replace-cross Abstract: The majority of research in both training Artificial Neural Networks (ANNs) and modeling learning in biological brains focuses on synaptic plasticity, where learning equates to changing the strength of existing connections. However, in biolo...



Read full article:

<https://arxiv.org/abs/2510.19764>

Contrastive Consolidation of Top-Down Modulations Achieves Sparsely Supervised Continual Learning



Viet Anh Khoa Tran, Emre Neftci, Willem A. M.

Wybo



2026-01-27



1
min



217
words

ARXIV QBIO NC

Summary: arXiv:2505.14125v3 Announce Type: replace-cross Abstract: Biological brains learn continually from a stream of unlabeled data, while integrating specialized information from sparsely labeled examples without compromising their ability to generalize. Meanwhile, machine learning methods are susceptib...



Read full article:

<https://arxiv.org/abs/2505.14125>

Graph Neural Network Reveals the Local Cortical Morphology of Brain Aging in Normal Cognition and Alzheimers Disease



Samuel D. Anderson, Nikhil N. Chaudhari, Nahian F. Chowdhury, Jordan Jomsky, Xiaoyu Rayne Zheng, Andrei Irimia, Alzheimers Disease Neuroimaging Initiative



2026-01-27



1
min



255
words

ARXIV QBIO NC

Summary: arXiv:2601.10912v4 Announce Type: replace Abstract: Estimating brain age (BA) from T1-weighted magnetic resonance images (MRIs) provides a useful approach to map the anatomic features of brain senescence. Whereas global BA (GBA) summarizes overall brain health, local BA (LBA) can reveal spatially I...



Read full article:

<https://arxiv.org/abs/2601.10912>

Complex-valued Phase Synchrony Reveals Directional Coupling in FMRI and Tracks Medication Effects



Sir-Lord Wiafe, Najme Soleimani, Masoud Seraji, Bradley Baker, Robyn Miller, Ashkan Faghiri, Vince D. Calhoun



2026-01-27



1
min



157
words

ARXIV QBIO NC

Summary: arXiv:2509.13481v2 Announce Type: replace Abstract: Understanding interactions in complex systems requires capturing the relative timing of coupling, not only its strength. Phase synchronization captures this timing, yet most methods either reduce the phase to its cosine or collapse it into scalar ...



Read full article:

<https://arxiv.org/abs/2509.13481>

NeuroKoop: Neural Koopman Fusion of Structural-Functional Connectomes for Identifying Prenatal Drug Exposure in Adolescents



Badhan Mazumder, Aline Kotoski, Vince D. Calhoun, Dong Hye Ye



2026-01-27



1 min



151 words

ARXIV QBIO NC

Summary: arXiv:2508.16414v2 Announce Type: replace Abstract: Understanding how prenatal exposure to psychoactive substances such as cannabis shapes adolescent brain organization remains a critical challenge, complicated by the complexity of multimodal neuroimaging data and the limitations of conventional an...



Read full article:

<https://arxiv.org/abs/2508.16414>

Sampling in the Euclidean Motion Group and a Problem from Brain's Primary Visual Cortex



Davide Barbieri



2026-01-27



1 min



68 words

ARXIV QBIO NC

Summary: arXiv:2601.17528v1 Announce Type: cross Abstract: We study a sampling problem for the abstract wavelet transform associated with the quasiregular representation of the $SE(2)$ group, for a modulated gaussian mother wavelet. This problem is motivated by the behavior of brain's primary visual cortex....



Read full article:

<https://arxiv.org/abs/2601.17528>

Closed Eyes and Coil Size -- Effects on Motor Threshold and Intracortical Inhibition, measured with TMS



Meher Sabharwal, Narin Suleyman, Gabriel R. Palma, Roisin McMackin



2026-01-27



1 min



247 words

ARXIV QBIO NC

Summary: arXiv:2601.18286v1 Announce Type: new Abstract: Rationale: Transcranial magnetic stimulation (TMS)-based measures such as resting motor threshold (RMT) and short interval intracortical inhibition (SICI) are widely employed to study motor cortical and corticospinal tract function, and effects of dis...



Read full article:

<https://arxiv.org/abs/2601.18286>

AI and World Models



Robert Worden



2026-01-27



1 min



284 words

ARXIV QBIO NC

Summary: arXiv:2601.17796v1 Announce Type: new Abstract: While large neural nets perform impressively on specific tasks, they are unreliable and unsafe, as is shown by the persistent hallucinations of large language models. This paper shows that large neural nets are intrinsically unreliable, because it is ...



Read full article:

<https://arxiv.org/abs/2601.17796>

Unsupervised sleep-like intra- and inter-layer plasticity categorizes and improves energy efficiency in a multilayer spiking network



Leonardo Tonielli, Cosimo Lupo, Elena Pastorelli, Giulia De Bonis, Francesco Simula, Alessandro Lonardo, Pier Stanislao Paolucci



2026-01-27



1
min



200
words

ARXIV QBIO NC

Summary: arXiv:2601.17523v1 Announce Type: new Abstract: Sleep is thought to support memory consolidation and the recovery of optimal energetic regime by reorganizing synaptic connectivity, yet how plasticity across hierarchical brain circuits contributes to abstraction and energy efficiency remains unclear...



Read full article:

<https://arxiv.org/abs/2601.17523>

Task goals reorganize visual codes in human ventral temporal cortex via medial frontal modulation



Kim, R., Aquino, T. G., Mamelak, A. N., Reed, C. M., Rungratsameetaweemana, N., Rutishauser, U.



2026-01-26



1
min



145
words

BIORXIV NEUROSCIENCE

Summary: How higher cortical regions dynamically modulate sensory representations to support cognitive flexibility remains a fundamental open question. Using rare simultaneous single-neuron recordings across multiple human brain regions, we show that representations in ventral temporal cortex (VTC), not trad...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.24.701461v1?rss=1>

Altered Physiology and Ensemble Recruitment of Dentate Gyrus Semilunar Granule Cells in a Mouse Model of Epilepsy



Dovek, L., Huang, A., Santhakumar, V.



2026-01-26



1
min



249
words

BIORXIV NEUROSCIENCE




Summary: The dentate gyrus is a major locus for structural and synaptic reorganization in temporal lobe epilepsy. While physiological changes during epileptogenesis are well characterized in the principal dentate projection neuron, granule cells (GCs), epilepsy-related changes in semilunar granule cells (SGCs...




Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.24.701531v1?rss=1>

Escaping the forest: a sparse, interpretable, and foundational neural network alternative for tabular data


 2026-01-27  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:

<https://www.nature.com/articles/s44387-025-00056-0>

Leveraging machine learning for digital gait analysis in ataxia using sensor-free motion capture

 2026-01-27  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:

<https://www.nature.com/articles/s43856-025-01258-y>

The brain side of human-AI interactions in the long-term: the “3R principle”

 2026-01-27  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:

<https://www.nature.com/articles/s44387-025-00063-1>

Sleep loss induces cholesterol-associated myelin dysfunction

Reyila SimayiEleonora FiciaràOluwatomisin FaniyanAntonio Cerdán CerdáAmina Aboufares El AlaouiRosamaria FioriniAdele CutignanoFabiana PiscitelliAroa S. MarotoAlexandra SantosFederico Del GalloLuisa de VivoSilvia De SantisMichele BellesiaSchool of Pharmacy, University of Camerino, Camerino 62032, ItalybCenter for Neuroscience, University of Camerino, Camerino 62032, ItalycSchool of Biosciences and Veterinary Medicine, University of Camerino, Camerino 62032, ItalydInstituto de Neurociencias (Consejo Superior de Investigaciones Científicas - Universidad Miguel Hernández), San Juan de Alicante 03550, SpaineDepartment of Life and Environmental Sciences, Marche Polytechnic University, Ancona 60100, ItalyfIstituto di Chimica Biomolecolare–Consiglio Nazionale delle Ricerche, Pozzuoli 80078, ItalygSchool of Physiology, Pharmacology and Neuroscience, University of Bristol, Bristol BS8 1TD, United Kingdom



2026-01-20



1

min



48

words

PNAS NEUROSCIENCE

Summary: Proceedings of the National Academy of Sciences, Volume 123, Issue 4, January 2026.
SignificanceAlthough the behavioral consequences of sleep loss (SL) are well known, the underlying biology has remained elusive. This study identifies oligodendrocytes as key mediators by linking sleep deprivat...




Read full article:

<https://www.pnas.org/doi/abs/10.1073/pnas.2523438123?af=R>

A neural circuit basis for reward-induced suppression of fear generalization and enhancement of fear extinction

Yong Sang JoMi-Seon KongEkayana SethiGyeong Hee PyeonLarry S. ZweifelSchool of Psychology, Korea University, Seoul 02841, Republic of KoreabDepartment of Psychiatry and Behavioral Sciences, University of Washington, Seattle, WA 98105cPeptide Biology Laboratory, The Salk Institute for Biological Studies, La Jolla, CA 92037dDepartment of Pharmacology, University of Washington, Seattle, WA 98105

 2026-01-20  1 min  50 words


PNAS NEUROSCIENCE

Summary: Proceedings of the National Academy of Sciences, Volume 123, Issue 4, January 2026.
SignificancePrior work suggests that positive affect can have a significant impact on fear-related learning. The neural circuit mechanisms that allow stimuli with positive attributes to impact fear processing h...

 Read full article:


<https://www.pnas.org/doi/abs/10.1073/pnas.2522768123?af=R>

Heathrow scraps liquid container limit

 2026-01-23  1 min  2 words

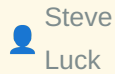
HACKER NEWS

Summary: <https://news.ycombinator.com/item?id=46736815>>Comments

 Read full article:

<https://www.bbc.com/news/articles/c1evvx89559o>

New Paper: Using Multivariate Pattern Analysis to Increase Effect Sizes for ERP Amplitude Comparisons



Steve

Luck



2024-06-10



2

min



525

words

ERP BOOT CAMP

Summary: Carrasco, C. D., Bahle, B., Simmons, A. M., & Luck, S. J. (2024). Using multivariate pattern analysis to increase effect sizes for event-related potential analyses. *Psychophysiology*, 61, e14570. <https://doi.org/10.1111/psyp.14570>



Read full article:

<https://erpinf.org/blog/2024/6/10/erp-core-decoding-paper>

New software package: ERPLAB Studio



Steve

Luck



2024-06-12



2

min



444

words

ERP BOOT CAMP


Summary: We are excited to announce the release of a new EEG/ERP analysis package, [ERPLAB Studio](https://github.com/ucdavis/erplab/releases). We think it's a huge improvement over the classic EEGLAB user interface. See our cheesy [video](https://www.youtube.com/watch?v=llaKVQ9DD6E)...




Read full article:


<https://erpinf.org/blog/2024/6/11/erplab-studio>

When Randomness Becomes Rigid: Dynamic Connectivity Entropy and Symptom-Linked Network Dysfunction in Schizophrenia

 Maksymchuk, N., Miller, R. L., Iraj, A., Calhoun, V. D.

 2026-01-26

 1 min

 247 words


BIORXIV NEUROSCIENCE


Summary: High dimensionality of dynamic functional connectivity (dFNC) data representation complicates clinical interpretation and biomarker discovery. We propose a new complementary analytical framework based on dynamic inter-network connectivity entropy (DICE) and its potential use as a biomarker of mental...

 Read full article:


<https://www.biorxiv.org/content/10.64898/2026.01.18.700221v1?rss=1>

Pulsed taVNS-elicited pupil dilation: effects of intermixed stimulation, sham location and respiratory phase

 Kolnes, M., Nieuwenhuis, S.

 2026-01-26

 1 min

 296 words


BIORXIV NEUROSCIENCE

Summary: Transcutaneous auricular vagus nerve stimulation (taVNS) may offer a powerful, noninvasive way to stimulate activity of brainstem arousal systems, including the locus coeruleus-norepinephrine (LC-NE) system. Pulsed taVNS is known to elicit pupil dilation, a marker of LC activity. However, studies re...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.24.701498v1?rss=1>

Contrast-enhanced T1-weighted MRI, 11C-DPA-713 PET and 11C-CPPC PET as predictive imaging biomarkers of neuroinflammation in radiotherapy-induced brain injury




 2026-01-27  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:

<https://www.nature.com/articles/s41598-026-37264-w>

Monthly Updates [Oct]


 2025-10-01  3 min  696 words

FMHY

Summary:

INFO

These update threads only contains major updates. If you're interested in seeing all minor changes you can follow our [Commits Page](https://github.com/fmhy/FMHYedit/commits/main) on ...

 Read full article:

<https://fmhy.net/posts/oct-2025>

Effects of delay and amplification of auditory feedback for walking: anticipation, variability, and frequency adaptation.



Gu, J., Dotov,
D.



2026-01-26



1
min



235
words

BIORXIV NEUROSCIENCE

Summary: When walking, we generate rich acoustic information through our footsteps. This sound stream contains information about footfall timing, dragging, loading rate, etc. The role of this endogenous auditory feedback in gait control remains underexplored. Building on work in delayed auditory feedback (DA...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.24.700725v1?rss=1>

Early heart disease prediction using LV-PSO and Fuzzy Inference Xception Convolution Neural Network on phonocardiogram signals



C.
Palanisamy



2025-10-01



1
min



254
words

FRONTIERS NEUROINFORMATICS

Summary: IntroductionHeart disease is one of the leading causes of mortality worldwide, and early detection is crucial for effective treatment. Phonocardiogram (PCG) signals have shown potential in diagnosing cardiovascular conditions. However, accurate classification of PCG signals remains challenging due t...



Read full article:

<https://www.frontiersin.org/articles/10.3389/fninf.2025.1655003>

Information-theoretic gradient flows in mouse visual cortex

 Milan
Brázdil

 17

2025-10-30



1
min



189
words

FRONTIERS NEUROINFORMATICS

Summary: Introduction Neural activity can be described in terms of probability distributions that are continuously evolving in time. Characterizing how these distributions are reshaped as they pass between cortical regions is key to understanding how information is organized in the brain. Methods We developed a...



Read full article:

<https://www.frontiersin.org/articles/10.3389/fninf.2025.1700481>

The effects of electrical stimulation on neurons and glia of the central nervous system



Jack Devlin and Ryan
Gilbert

 17

2026-01-13



1
min



297
words

JOURNAL NEURAL ENGINEERING


Summary: Objective. This review paper focuses on how both direct current (DC) stimulation and alternating current (AC) stimulation affects the central nervous system's (CNSs) cells and its potential as a neurotherapeutic. Furthermore, addressing the promise of combinatorial approaches that utilize other trea...



Read full article:

<https://iopscience.iop.org/article/10.1088/1741-2552/ae2f9c>

Heathrow Drops the Liquids Rule

 2026-01-27  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46774777)



Read full article:

<https://flymag.com/heathrow-drops-the-liquids-rule-what-changes-at-lhr-and-how-close-the-u-s-really-is/>

Heathrow Drops the Liquids Rule

 2026-01-27  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46774777)



Read full article:

<https://flymag.com/heathrow-drops-the-liquids-rule-what-changes-at-lhr-and-how-close-the-u-s-really-is/>

Any application that can be written in a system language, eventually will be

 2026-01-23  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46729769)

 Read full article:

<https://www.avraam.dev/blog/system-language-corollary>

Recording and slides now available for ERPLAB Studio webinar

 Steve Luck  2024-06-28  1 min  30 words


ERP BOOT CAMP

Summary:

We held a webinar to demonstration ERPLAB Studio on 28 June 2024.

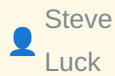
[Click here](https://youtu.be/k-nGv00rTP8) to access a recording.

[Click here](https://ucdavis.box.com/s/4fseqz6327dtuouauj12rgvivvy1d1nmo) to access a PDF of the slides.<...

 Read full article:

<https://erpinfo.org/blog/2024/6/28/recording-and-slides-now-available-for-erplab-studio-webinar>

New Paper: Does the P3b component reflect working memory updating?



Steve
Luck



2025-03-21



7
min



1547
words

ERP BOOT CAMP

Summary: Carrasco, C. D., Simmons, A. M., Kiat, J. E., & Luck, S. J. (in press). Enhanced working memory representations for rare events. *Psychophysiology*. <https://doi.org/10.1111/psyp.70038> [<https://doi.org/10.1101/2024.03.20...>]



Read full article:

<https://erpinfo.org/blog/2025/3/20/new-paper-oddball>

10-Day ERP Boot Camp to be held June 15-24, 2026 in Davis, California



Steve
Luck



2025-08-20



1
min



125
words

ERP BOOT CAMP

Summary: We have received another 5 years of funding from the National Institute of Mental Health, so we plan to hold ERP Boot Camps in each of the next 5 summers. The next one will be June 15-24, 2026 in Davis, California. The application portal will open around January 1, 2026. A...




Read full article:


<https://erpinfo.org/blog/2025/8/20/boot-camp-summer-2026>

Case Report: Effective management of a Meige syndrome patient with subthalamic stimulation-induced dyskinesia through timed stimulation programming of different contacts

 Lin
Wang


 2026-01-22

 1
min

 238
words


FRONTIERS HUMAN NEUROSCIENCE


Summary: Introduction Meige syndrome is a rare adult-onset segmental dystonia characterized by blepharospasms and oromandibular dystonia. Deep brain stimulation (DBS) of the subthalamic nucleus (STN) is an established treatment, but it can lead to stimulation-induced dyskinesia (SID) in some patients. Refract...

 Read full article:


<https://www.frontiersin.org/articles/10.3389/fnhum.2026.1743270>

Is it normal to forget some very trivial, and repetitive stuff?

 /u/Affectionate-
Army458

 2026-01-27

 1
min

 101
words

REDDIT PYTHON

Summary: <!-- SC_OFF --><div class="md"><p>Is it normal to forget really trivial, repetitive stuff? I genuinely forgot the command to install a Python library today, and now I'm questioning my entire career and whether I'm even fit for this. It feels ten times worse because just three days ago, I forgot the ...

 Read full article:

https://www.reddit.com/r/Python/comments/1qny27q/is_it_normal_to_forget_some_very_trivial_and/

You have to know how tech companies work



alexwennerberg



17

2026-01-26



1

min



13

words

HACKER NEWS

Summary:

Article URL: <https://www.seangoedecke.com/knowning-how-to-drive-the-car/>

Comments URL: <https://news.ycombinator.com/item?id=46772966>

Points: 19



Read full article:

<https://www.seangoedecke.com/knowning-how-to-drive-the-car/>

Y Combinator website no longer lists Canada as a country it invests in



TheLegace



17

2026-01-26



1

min



13

words

HACKER NEWS

Summary:

Article URL: <https://betakit.com/y-combinator-website-no-longer-lists-canada-as-a-country-it-invests-in/>


Comments URL: <https://news.ycombinator.com/item?id=46773242>



Read full article:

<https://betakit.com/y-combinator-website-no-longer-lists-canada-as-a-country-it-invests-in/>

iPhone 5s Gets New Software Update 13 Years After Launch

 angott  17 2026-01-27  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://www.macrumors.com/2026/01/26/iphone-5s-software-update/>





Comments URL: <https://news.ycombinator.com/item?id=46774108>

Points: ...

 Read full article:

<https://www.macrumors.com/2026/01/26/iphone-5s-software-update/>

Education: Standards

 Adriel Carridice  17 2025-02-13  1 min  0 words

BRAIN

 Read full article:

<https://brain.ieee.org/publications/neuroethics-framework/education/standards-education/education-standards/>

Education: Additional Resources



Adriel
Carridice



2025-02-13



1
min



61
words

BRAIN

Summary: Buckingham Shum, S. (2022). The UTS “EdTech Ethics” Deliberative Democracy Consultation: Rationale, Process and Outcomes. Connected Intelligence Centre, University of Technology Sydney, AUS. <https://cic.uts.edu.au/projects/edtech-ethics>
León Declaration on European neurotechnology (2023): a human-fo...



Read full article:

<https://brain.ieee.org/publications/neuroethics-framework/education/educational-and-training-resources-education/education-additional-resources/>

Education: References



Adriel
Carridice



2025-02-13



1
min



61
words

BRAIN




Summary: [1] OECD “Neurotechnology Toolkit To support policymakers in implementing the OECD Recommendation on Responsible Innovation in Neurotechnology,” 2024.: <https://www.oecd.org/content/dam/oecd/en/topics/policy-sub-issues/emerging-technologies/neurotech-toolkit.pdf>. [2] van Kesteren and Meeter, 2020 htt...



Read full article:

<https://brain.ieee.org/publications/neuroethics-framework/education/references/education-references/>

IEEE Brain Annual Flagship Workshop a Success

ieeebrain  2025-03-03  1 min  61 words




BRAIN

Summary: IEEE Brain once again hosted the IEEE Brain Discovery and Neurotechnology Workshop as a satellite event to the 2024 Society of Neuroscience Workshop (SfN). Approximately 180 attended the two-day event, which was held at the University of Illinois Chicago (UIC), October 3-4, 2024 (Figure 1). Groundbr...

 Read full article:

<https://brain.ieee.org/braininsight-articles/ieee-brain-annual-flagship-workshop-a-success/>

A rational information gathering account of infant habituation.

 2025-11-24  1 min  300 words



BEHAVIORAL NEUROSCIENCE

Summary: Gaze is one of the primary experimental measures for studying cognitive development, especially in preverbal infants. However, the field is only beginning to develop a principled explanatory framework for making sense of the various factors affecting gaze. We approach this issue by addressing infant...

 Read full article:

<http://doi.org/10.1037/bne0000635>

Extinction and reinstatement sex-dependently affect freezing behavior, pain perception, locomotion, and rearing behavior in a rat model of posttraumatic stress disorder (PTSD).




 2025-10-16  1 min  268 words

BEHAVIORAL NEUROSCIENCE

Summary: Evidence has shown that sex differences affect the symptoms and the response to treatments in neuropsychiatric disorders, including posttraumatic stress disorder (PTSD). Extinction, as a therapeutic method, and reinstatement, as a method that facilitates shock-related memory retrieval, may also be a...

 Read full article:
<http://doi.org/10.1037/bne0000636>


I let ChatGPT analyze a decade of my Apple Watch data. Then I called my doctor

 zdw  2026-01-26  1 min  13 words





HACKER NEWS

Summary:

Article URL: <https://www.msn.com/en-us/news/technology/i-let-chatgpt-analyze-a-decade-of-my-apple-watch-data-then-i-called-my-doctor/ar-AA1UZxip>

 Read full article:
<https://www.msn.com/en-us/news/technology/i-let-chatgpt-analyze-a-decade-of-my-apple-watch-data-then-i-called-my-doctor/ar-AA1UZxip>

IEEE Brain Workshop on AI for Neurotechnology






 ieeebrain
  2025-03-03
  1 min
  61 words
 

Summary: The IEEE Brain Workshop on AI for Neurotechnology was held on June 30, 2024, at the Pacifico Yokohama Conference Center in Japan. This event was part of the World Congress on Computational Intelligence (WCCI 2024) and was conducted in association with the International Joint Conference on Neural Net...

 **Read full article:**

<https://brain.ieee.org/braininsight-articles/ieee-brain-workshop-on-ai-for-neurotechnology/>

SqueakPose Studio: An end-to-end platform for pose estimation and real-time edge-AI deployment


 Haggerty, D. L., Darden, C. B., Lovinger, D. M.
  2026-01-26
  1 min
  207 words
 



Summary: Accurate pose estimation underpins quantitative analysis of behavior, yet many deep learning-based tracking tools remain optimized for offline workflows that rely on fragmented software pipelines, workstation-grade GPUs, or external middleware to enable real-time deployment. Here we present an integ...


 **Read full article:**

<https://www.biorxiv.org/content/10.64898/2026.01.24.700912v1?rss=1>

Predicting driver distraction using a single channel ear EEG

 Popov, T., Li, N., Gambin, V., Keller, K., Wehrli, S., Lakaemper, S.

 2026-01-26  1 min

 288 words

BIORXIV NEUROSCIENCE

Summary: Cognitive distraction poses a major risk to driving safety, yet remains difficult to detect in real time because it often lacks overt behavioral markers. Neurophysiological measures such as electroencephalography (EEG) provide objective indices of cognitive load, but conventional EEG systems are imp...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.24.701469v1?rss=1>

A Primary Central Source Determines Perturbation-Evoked N1 Amplitudes but not Latencies in Younger Adults

 Protzak, J., Mirdamadi, J. L., Borich, M. R., Ting, L. H.

 2026-01-26  1 min  250 words

BIORXIV NEUROSCIENCE

Summary: The balance perturbation-evoked N1 potential is a reliable cortical response during reactive balance control that is correlated to a variety of cognitive and motor functions. Although the supplementary motor area (SMA) has been identified as the primary source of the N1, it is less understood whethe...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.23.701364v1?rss=1>

A pretrained foundation model for headache disorders based on magnetoencephalography



Pan Liao, Jie Liang, Dong Qiu, Cunxin Lin, Zhonghua Xiong, Hao Wang, Jia-Hong Gao, Yonggang Wang and Bingjiang Lyu



2026-01-08



1
min



234
words

JOURNAL NEURAL ENGINEERING

Summary: Objective. Foundation models have demonstrated transformative potential in medical artificial intelligence but remain underexplored in functional neuroimaging, particularly magnetoencephalography (MEG). This study aims to develop a domain-specific, self-supervised MEG clinical foundation model tailo...



Read full article:

<https://iopscience.iop.org/article/10.1088/1741-2552/ae2805>

Chemogenetic modulation of PAC1-expressing neurons in the bed nucleus of the stria terminalis (BNST) alters anxiety-related behaviors in male mice.



2025-09-01



1
min



205
words

BEHAVIORAL NEUROSCIENCE




Summary: Pituitary adenylate cyclase-activating polypeptide (PACAP, *ADCYAP1*) is a highly conserved neuropeptide that plays essential roles in numerous physiological functions, and central PACAP signaling has been associated with mechanisms regulating stress-induced psychopathologies. PACAP binds to ...



Read full article:

<http://doi.org/10.1037/bne0000632>

Conditioned place preferences for virtual reality cannabis cues.




 2025-09-01  1 min  215 words

BEHAVIORAL NEUROSCIENCE

Summary: This study investigated whether 221 undergraduates (123 males, 98 females) with varying levels of cannabis use displayed a conditioned place preference (CPP) for a virtual reality (VR) room that previously contained virtual cannabis stimuli compared to a neutral VR room that was not paired with cann...

 **Read full article:**
<http://doi.org/10.1037/bne0000634>

AI code and software craft




 2026-01-26  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46769188)

 **Read full article:**
<https://alexwennerberg.com/blog/2026-01-25-slop.html>

AI code and software craft

alexwennerberg  2026-01-26  1 min  13 words HACKER NEWS

Summary:

Article URL: <https://alexwennerberg.com/blog/2026-01-25-slop.html>




Comments URL: <https://news.ycombinator.com/item?id=46769188>

Points: 11

Comments: ...

 **Read full article:**
<https://alexwennerberg.com/blog/2026-01-25-slop.html>

Toy implementations of the 30 foundational papers recommended by Ilya Sutskever

auraham  2026-01-26  1 min  13 words HACKER NEWS

Summary:

Article URL: <https://github.com/pageman/sutskever-30-implementations>





Comments URL: <https://news.ycombinator.com/item?id=46772404>

Points: 34

Comm...

 **Read full article:**
<https://github.com/pageman/sutskever-30-implementations>

Ask HN: Who do you follow via RSS feed?


 znpy
  2026-01-26
  1 min
  63 words

HACKER NEWS

Summary: <p>Hello there!<p>I just set up TinyTinyRSS (<https://tt-rss.org/>) at home and I'm looking into interesting things to read as well as people/website publishing interesting stuff.<p>This, among the other things, to reduce the daily (doom)scrolling and avoid the recommendation algorithms by social medi...

 Read full article:
<https://news.ycombinator.com/item?id=46772655>

Paraventricular thalamic inputs to the ventral pallidum shape reward seeking during threat and fear responding in extinction.


 2025-09-01
  1 min
  163 words

BEHAVIORAL NEUROSCIENCE

Summary: Environmental threats are typically encountered when animals are searching for food and other necessities. Adaptive behavior must balance competition between fear behavior and reward seeking. We gave rats local neuronal deletions of the ventral pallidum (VP) or specifically deleted paraventricular t...

 Read full article:
<http://doi.org/10.1037/bne0000630>

Patterns of prefrontal cortical activity associated with attention-demanding and motor aspects of dual-task walking as measured with functional near-infrared spectroscopy.

 2025-09-01  1 min  235 words

BEHAVIORAL NEUROSCIENCE

Summary: The ability to engage in everyday tasks, such as walking, requires the integration of cognitive and motor processes. How these processes integrate may be discernable through the relation of brain activity patterns to behavioral performance, particularly in the prefrontal cortex (PFC), examination of...

 Read full article:
<http://doi.org/10.1037/bne0000629>

State of the Windows: What is going on with Windows 11?



 2026-01-26  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46772212)

 Read full article:
<https://ntdotdev.wordpress.com/2026/01/25/state-of-the-windows-what-is-going-on-with-windows-11/>

State of the Windows: What is going on with Windows 11?

 xd1936
  2026-01-26
  1 min
  13 words

HACKER NEWS

Summary: <p>Article URL: https://ntdotdev.wordpress.com/2026/01/25/state-of-the-windows-what-is-going-on-with-windows-11/</p>
 <p>Comments URL: https://news.ycombinator.com/item?id=46772212"</p>

 Read full article:

<https://ntdotdev.wordpress.com/2026/01/25/state-of-the-windows-what-is-going-on-with-windows-11/>

Temporal Phase Differences Encode Tactile Motion from Static Vibrotactile Inputs

 Rezaei, E., Adibi, M.
  2026-01-26
  1 min
  213 words

BIORXIV NEUROSCIENCE



Summary: Motion perception in touch is traditionally attributed to spatially sequential stimulation or skin deformation caused by moving objects. Here, we demonstrate that directional tactile motion can instead be inferred purely from temporal phase differences between two spatially static vibrotactile input...


 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.24.701470v1?rss=1>

Transcriptomic profiling reveals neurophysiological gene candidates underlying vocal evolution in African clawed frogs

 Barkan, C. L., Binder, L., Davis, B. A., Carbone, L., Zornik, E.

 2026-01-26  1 min

 238 words


BIORXIV NEUROSCIENCE

Summary: Neurophysiologists have discovered many mechanisms underlying the production of animal behaviors in specific species; these involve a collection of neuromuscular systems, neuronal membrane and neural network properties, as well as the hormones and neuromodulators known to modify them. However, the m...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.24.701475v1?rss=1>


Opening the black box: a modular approach to spike sorting

 Garcia, S., Halcrow, C., Windolf, C., McKenzie, Z. M., Adkisson-Floro, P., Mayorquin, H. R., Dichter, B. K., Buccino, A. P., Yger, P.

 2026-01-26  1 min  237 words


BIORXIV NEUROSCIENCE



Summary: Spike sorting is an algorithmic process to extract the activity of individual neurons from extracellular electrophysiology recordings. With the ballooning use of high density probes, such as Neuropixels, this essential processing step is increasingly becoming time consuming and computationally expen...


 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.23.701239v1?rss=1>

Global brain activity links subcortical degeneration to cortical tau progressively across Braak regions over early Alzheimer disease stages

 Mao, Y., Pan, B., Liu, X.

 2026-01-26  1 min

 153 words


BIORXIV NEUROSCIENCE



Summary: Alzheimer disease (AD) is characterized by early tau pathology in subcortical neuromodulatory nuclei, followed by progressive cortical tau accumulation; however, the mechanisms linking subcortical dysfunction to cortical tau pathology remain unclear. Using multimodal neuroimaging data from the ADNI ...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.23.701360v1?rss=1>

Neuromark Fusion: A Replicable Multimodal Template for Structure-Function Fusion of Brain MRI

 Duda, M., Baker, B., Turner, J. A., van Erp, T., Calhoun, V.

 2026-01-26  1 min

 149 words





BIORXIV NEUROSCIENCE

Summary: Multimodal data fusion is a powerful technique for extracting shared and complementary information about the brain that is captured across neuroimaging modalities. Independent component analysis (ICA)-based approaches are among the most widely utilized methods for multimodal fusion, as they are data...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.23.701328v1?rss=1>

Refusing to Use Twitter

 pavel_ishin
  17 2026-01-26
  1 min
  13 words
 [HACKER NEWS](#)

Summary:





Article URL: <https://blog.korny.info/2026/01/25/refusing-to-use-twitter>

Comments URL: <https://news.ycombinator.com/item?id=46771779>

Points: 15

 **Read full article:**
<https://blog.korny.info/2026/01/25/refusing-to-use-twitter>

Neural Signatures of Post-Decision Outcome Expectation and Evaluation in Human Sensorimotor Choice Behavior

 Gharesi, N., Kalaska, J. F., Baillet, S.
  17 2026-01-26
  2 min
  417 words
 [BIORXIV NEUROSCIENCE](#)

Summary: The concept of embodied sensorimotor decision-making proposes that processes implicated in evaluating sensory inputs and selecting appropriate motor actions unfold partly in cortical regions traditionally associated with movement planning and execution. Reinforcement learning models emphasize the ro...

 **Read full article:**
<https://www.biorxiv.org/content/10.64898/2026.01.23.701339v1?rss=1>

A mathematical model of pathology progression in the TgF344-AD rat model of Alzheimer's disease



Hesketh, M., Hinow,
P.



2026-01-26



1

min



139

words

BIORXIV NEUROSCIENCE

Summary: Alzheimer's disease (AD) is a devastating neurodegenerative disease whose etiology is poorly understood and for which current treatments provide only modest control of symptoms. To better investigate the causes and progression of the disease, the transgenic TgF344-AD rat model has emerged as a cruci...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.23.701333v1?rss=1>

A Population Vector Model of Visual Working Memory for Real-World Scenes



Kiat, J. E., Luck, S.
J.



2026-01-26



1

min



218

words

BIORXIV NEUROSCIENCE

Summary: Visual working memory is essential for navigating through and interacting with complex real-world environments. It is therefore important to understand how natural visual inputs - characterized by complex contours, continuously varying feature gradients, and spatial relationships - are represented i...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.23.701256v1?rss=1>

History-dependent ephaptic interactions in paired olfactory receptor neurons



Ellison, L., Kemenes, G., Nowotny, T.



2026-01-26



1 min



242 words

BIORXIV NEUROSCIENCE

Summary: Olfactory sensing begins with the transduction of odors into receptor currents on the dendrites of olfactory receptor neurons (ORNs). In insects and many other arthropods, ORNs are grouped stereotypically in hair-like sensilla on the surface of olfactory organs, enabling mutual inhibition through no...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.23.701383v1?rss=1>

People who know the formula for WD-40



2026-01-26



1 min



2 words

HACKER NEWS



Summary: [Comments](https://news.ycombinator.com/item?id=46771599)



Read full article:

<https://www.wsj.com/business/the-secret-society-of-people-who-know-the-formula-for-wd-40-e9c0ff54>

People who know the formula for WD-40

 2026-01-26  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46771599)



Read full article:

<https://www.wsj.com/business/the-secret-society-of-people-who-know-the-formula-for-wd-40-e9c0ff54>

RIP Low-Code 2014-2025

 2026-01-26  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46767440)



Read full article:

<https://www.zackliscio.com/posts/rip-low-code-2014-2025/>

The Hidden Engineering of Runways

 2026-01-20  1 min  2 words




HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46694193)

 Read full article:

<https://practical.engineering/blog/2026/1/20/the-hidden-engineering-of-runways>

Show HN: Ourguide – OS wide task guidance system that shows you where to click

 eshaangulati  2026-01-26  2 min  423 words

HACKER NEWS

Summary:

Hey! I'm eshaan and I'm building Ourguide -an on-screen task guidance system that can show you where to click step-by-step when you need help. I started building this because whenever I didn't know how to do something on my computer, I found myself constantly tabbing between chatbots and the ap...

 Read full article:

<https://ourguide.ai>

ChatGPT Containers can now run bash, pip/npm install packages and download files



simonw



2026-01-26

1
min13
words

HACKER NEWS

Summary:

Article URL: <https://simonwillison.net/2026/Jan/26/chatgpt-containers/>

Comments URL: <https://news.ycombinator.com/item?id=46770221>

Points: 6

C...



Read full article:

<https://simonwillison.net/2026/Jan/26/chatgpt-containers/>

Oculomotor dance learning task: Implications for audio-visual cued spatial learning



Petrovski, M., Beheiry, S., Das, U. U., Rooprai, S., Karimi, A., Simon, J. R., Bar, R. J., DeSouza, J. F.



2026-01-26

2
min518
words

BIORXIV NEUROSCIENCE

Summary: Learning dance of a motor sequence learning involves the coordination of both oculomotor and manual motor systems through the practiced repetition of a fixed sequence of actions, resulting in automatized execution of movement through habit learning. This study aims to address whether a sequence-base...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.23.701340v1?rss=1>

Impaired Associative Memory, Inference, and Theta Dynamics in Postictal Psychosis of Epilepsy



Dworkin, A., Wang, D., Jimenez, D., Ravenscroft, C., Turco, F., Johnson, C., Chowdhury, F. A., Pizarro, J., Walker, M., Balestrini, S., Bush, D., Vivekananda, U.



2026-01-26



1
min



200
words

BIORXIV NEUROSCIENCE

Summary: Postictal psychosis (PIP) is a severe complication occurring in 2% of people with epilepsy (PWE) whose underlying pathophysiology remains poorly understood. Although historically considered separate from other forms of psychosis, newer evidence demonstrates a shared genetic susceptibility. People wi...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.23.701370v1?rss=1>

Systemic AAV delivery of a calcium indicator in marmosets: functional validation in visual area MT



Chen, P.-S., Rowley, D. P., Rudd, M., Laudano, A., Villa, A. P., Garcia, F., Dong, H.-w., Shay, T. F., Huk, A. C., Steele, A. D., Wekselblatt, J.



2026-01-26



1
min



235
words

BIORXIV NEUROSCIENCE


Summary: Functional optical imaging in nonhuman primates provides an important complement to electrophysiological approaches in neuroscience research, but its broader use has been limited by challenges in achieving large-scale, homogeneous expression of genetically encoded reporters, and imaging accessibilit...




Read full article:


<https://www.biorxiv.org/content/10.64898/2026.01.23.701367v1?rss=1>

Temporal Dynamics of EEG Decoding for Continuously Changing Visual Stimuli

 Duymaz, I., Engeser, M., Kaiser, D.

 2026-01-26

 1 min

 247 words


BIORXIV NEUROSCIENCE

Summary: Multivariate analyses of M/EEG data are typically performed on neural responses time-locked to discrete stimulus onsets. Such designs usually reveal high decoding performance during the initial transient response (0-500 ms), which subsequently drops to a lower, sustained level. Here, we examined tim...


 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.23.700794v1?rss=1>

Rethinking the role of position in cortical function

 2026-01-08

 1 min

 59 words

NATURE NEUROSCIENCE

Summary:


Nature Neuroscience, Published online: 08 January 2026; [doi:10.1038/s41593-025-02191-y](https://www.nature.com/articles/s41593-025-02191-y)

Abnormally located cortical neurons, displaced in developing mice lacking cortical Eml1, retain their molecular identities, form appropriate c...

 Read full article:

<https://www.nature.com/articles/s41593-025-02191-y>

Bridging neuromorphic computing and deep learning for next-generation neural data interpretation

 Zhiyuan
Zhu

 2026-01-08

 1
min


 0
words

FRONTIERS COMPUTATIONAL NEUROSCIENCE


 Read full article:

<https://www.frontiersin.org/articles/10.3389/fncom.2025.1737839>

Dithering – Part 2: The Ordered Dithering


 2026-01-26

 1
min

 2
words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46770274)


 Read full article:

<https://visualrambling.space/dithering-part-2/>

AI Lazyslop and Personal Responsibility

 2026-01-26

 1
min

 2
words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46770675)

 Read full article:

<https://danielsada.tech/blog/ai-lazyslop-and-personal-responsibility/>

Dithering – Part 2: The Ordered Dithering

 ChrisArchitect  17 2026-01-26  1 min  13 words

HACKER NEWS


Summary:

Article URL: <https://visualrambling.space/dithering-part-2/>





Comments URL: <https://news.ycombinator.com/item?id=46770274>

Points: 19

Comments: 2

 Read full article:
<https://visualrambling.space/dithering-part-2/>

AI Lazyslop and Personal Responsibility

 dshacker  17 2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://danielsada.tech/blog/ai-lazyslop-and-personal-responsibility/>

Comments URL: <https://news.ycombinator.com/item?id=46770675>

 Read full article:
<https://danielsada.tech/blog/ai-lazyslop-and-personal-responsibility/>

GoPdfSuit v4.0.0: A high-performance PDF engine for Python devs (No Go knowledge required)

/u/
chinmay06



2026-01-26



2
min



465
words

REDDIT PYTHON

Summary: I'm the author of **GoPdfSuit** (<https://chinmay-sawant.github.io/gopdfsuit>), and we just hit **350+ stars** and launched **v4.0.0** today! I wanted to share this with th...



Read full article:

https://www.reddit.com/r/Python/comments/1qno6hj/gopdfsuit_v400_a_highperformance_pdf_engine_for/

Show HN: TetrisBench – Gemini Flash reaches 66% win rate on Tetris against Opus



2026-01-26



1
min



2
words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46769752)



Read full article:

<https://tetrisbench.com/tetrisbench/>

Show HN: TetrisBench – Gemini Flash reaches 66% win rate on Tetris against Opus





 2026-01-26  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46769752)

 Read full article:
<https://tetrisbench.com/tetrisbench/>

When AI 'builds a browser,' check the repo before believing the hype

 CrankyBear  2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: https://www.theregister.com/2026/01/26/cursor_opinion/


Comments URL: <https://news.ycombinator.com/item?id=46769965>

Points: 25

Commen...

 Read full article:
https://www.theregister.com/2026/01/26/cursor_opinion/


Csf1r-mediated depletion of midbrain microglia prevents dopaminergic neuron loss during chronic colitis

Kutscherauer, R. K., Stolzer, I., Neumaier, E. E., Dedden, M., Kielkowski, P., Xiang, W., Grotemeyer, A.,
 Prinz, M., Masuda, T., Knobloch, K.-P., Rothhammer, V., Zundler, S., Schlachetzki, J. C., Winkler, J.,
 Guenther, C., Suess, P.

 2026-01-26  1 min  250 words


BIORXIV NEUROSCIENCE



Summary: Inflammatory bowel disease (IBD) predisposes to neuropsychiatric comorbidity and particularly increases the risk of Parkinson's Disease (PD) in later life. Although the gut-immune-brain axis was proposed as a link between IBD and PD and a driver of PD immunopathogenesis, the regional pattern and sin...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.23.700559v1?rss=1>

Can category-selective cortex predict categorisation behaviour?

 Maniquet, T., Fang, H., Ratan Murty, N. A., Op de Beeck, H.

 2026-01-26  1 min  232 words




BIORXIV NEUROSCIENCE

Summary: One of the distinctive features of the human visual system is the presence in occipito-temporal cortex (OTC) of regions that show preferential activation to specific categories of visual objects. To understand how this selectivity relates to categorisation behaviour, studies have employed a distance...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.23.701404v1?rss=1>

Find 'Abbey Road' when type 'Beatles abbey rd': Fuzzy/Semantic search in Postgres

 2026-01-21  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46709461)

 Read full article:

<https://rendiment.io/postgresql/2026/01/21/pgtrgm-pgvector-music.html>

Notice of Collective Action Lawsuit Against Workday, INC

 mooreds  2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://workdaycase.com>

Comments URL: <https://news.ycombinator.com/item?id=46769668>




Points: 6

Comments: 0

 Read full article:

<https://workdaycase.com>

There is an AI code review bubble

 2026-01-26  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46766961)



Read full article:

<https://www.greptile.com/blog/ai-code-review-bubble>

JuiceSSH – Give me my pro features back

 2026-01-26  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46768909)



Read full article:

<https://nproject.io/blog/juicessh-give-me-back-my-pro-features/>

Fedora Asahi Remix is now working on Apple M3

 2026-01-26  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46769051)

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<https://bsky.app/profile/did:plc:okydh7e54e2nok65kjxdklvd/post/3mdd55paffk2o>

There is an AI code review bubble

 dakshgupta  2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://www.greptile.com/blog/ai-code-review-bubble>

Comments URL: <https://news.ycombinator.com/item?id=46766961>

Points: 4

Comments: 1

...

 Read full article:

<https://www.greptile.com/blog/ai-code-review-bubble>

JuiceSSH – Give me my pro features back

 jandeboevrie  17 2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://nproject.io/blog/juicessh-give-me-back-my-pro-features/>





Comments URL: <https://news.ycombinator.com/item?id=46768909>

Points: ...

 Read full article:

<https://nproject.io/blog/juicessh-give-me-back-my-pro-features/>

Fedora Asahi Remix is now working on Apple M3

 todsacerdoti  17 2026-01-26  1 min  13 words

HACKER NEWS

Summary:





Article URL: <https://bsky.app/profile/did:plc:okydh7e54e2nok65kjxdklvd/post/3mdd55paffk2o>

Comments URL: <https://news.ycombinator.com/item?id=46769051>

 Read full article:

<https://bsky.app/profile/did:plc:okydh7e54e2nok65kjxdklvd/post/3mdd55paffk2o>

Apple OSes Are Insecure by Design to Aid Surveillance (2024)

 fsflower  17 2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://sneak.berlin/20231005/apple-operating-system-surveillance/>





Comments URL: <https://news.ycombinator.com/item?id=46769105>

Po...

 Read full article:

<https://sneak.berlin/20231005/apple-operating-system-surveillance/>

House of Lords Votes to Ban UK Children from Using Internet VPNs


 donpott  17 2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://www.ispreview.co.uk/index.php/2026/01/house-of-lords-votes-to-ban-uk-children-from-using-internet-vpns.html>

Comments URL: <https://...>

 Read full article:

<https://www.ispreview.co.uk/index.php/2026/01/house-of-lords-votes-to-ban-uk-children-from-using-internet-vpns.html>

Google Books has been effectively killed by the last algorithm update



adamnemecek



2026-01-26



1

min



13

words

HACKER NEWS

Summary:

Article URL: https://old.reddit.com/r/google/comments/1qn1hk1/google_has_seemingly_entirely_removed_search/
Comments URL: <https://news.ycombinator.com/item?id=46769201>



Read full article:

https://old.reddit.com/r/google/comments/1qn1hk1/google_has_seemingly_entirely_removed_search/

Discovery of NIRF theranostic probes targeting amyloid- β and cholinesterases in Alzheimer's disease models



2026-01-26



1

min



0

words



NATURE NEUROSCIENCE SUBJECTS



Read full article:

<https://www.nature.com/articles/s41467-025-68282-3>

Why do women like me get diagnosed with ADHD late?

 2026-01-26  1 min  0 words


NATURE NEUROSCIENCE SUBJECTS



Read full article:

<https://www.nature.com/articles/d41586-026-00260-1>

2026 Python Developers Survey

 /u/
monorepo  2026-01-26  1 min  92 words

REDDIT PYTHON



Summary: <!-- SC_OFF --><div class="md"><p>The official Python Developers Survey, conducted in partnership with JetBrains, is currently open.</p> <p>The survey is a joint initiative between the Python Software Foundation and JetBrains.</p> <p>By participating in the 2...



Read full article:

https://www.reddit.com/r/Python/comments/1qnju6d/2026_python_developers_survey/

The Adolescence of Technology

 2026-01-26  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46768257)



Read full article:

<https://www.darioamodei.com/essay/the-adolescence-of-technology>

The Adolescence of Technology

 2026-01-26  1 min  2 words

HACKER NEWS



Summary: [Comments](https://news.ycombinator.com/item?id=46768257)



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<https://www.darioamodei.com/essay/the-adolescence-of-technology>

The mountain that weighed the Earth

 2026-01-26  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46767875)



Read full article:

<https://signoregalilei.com/2026/01/18/the-mountain-that-weighed-the-earth/>

Television is 100 years old today

 2026-01-26  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46766188)



Read full article:

<https://diamondgeezer.blogspot.com/2026/01/tv100.html>

France Aiming to Replace Zoom, Google Meet, Microsoft Teams, etc.



 2026-01-26  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46767668)

 **Read full article:**
<https://twitter.com/lellouchenico/status/2015775970330882319>

Is It Time for a Nordic Nuke?




 2026-01-26  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46767772)

 **Read full article:**
<https://warontherocks.com/2026/01/is-it-time-for-a-nordic-nuke/>

Television is 100 years old today

 qassiov  2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://diamondgeezer.blogspot.com/2026/01/tv100.html>

Comments URL: <https://news.ycombinator.com/item?id=46766188>





Points: 27

Comments...

 Read full article:

<https://diamondgeezer.blogspot.com/2026/01/tv100.html>

France Aiming to Replace Zoom, Google Meet, Microsoft Teams, etc.

 bwb  2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://twitter.com/lellouchenico/status/2015775970330882319>

Comments URL: <https://news.ycombinator.com/item?id=46767668>





Points: 85

...

 Read full article:

<https://twitter.com/lellouchenico/status/2015775970330882319>

Is It Time for a Nordic Nuke?

 ryan_j_naughton  17 2026-01-26  1 min  13 words

HACKER NEWS

Summary:




Article URL: <https://warontherocks.com/2026/01/is-it-time-for-a-nordic-nuke/>

Comments URL: <https://news.ycombinator.com/item?id=46767772>

Points: ...

 Read full article:
<https://warontherocks.com/2026/01/is-it-time-for-a-nordic-nuke/>

The mountain that weighed the Earth

 surprisetalk  17 2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://signoregalilei.com/2026/01/18/the-mountain-that-weighed-the-earth/>

Comments URL: <https://news.ycombinator.com/item?id=46767875>

 Read full article:
<https://signoregalilei.com/2026/01/18/the-mountain-that-weighed-the-earth/>

DHS keeps trying and failing to unmask anonymous ICE critics online



duxup



2026-01-26



1
min



13
words

HACKER NEWS

Summary:

Article URL: <https://arstechnica.com/tech-policy/2026/01/instagram-ice-critic-wins-fight-to-stay-anonymous-as-dhs-backs-down/>

Comments URL:

Read full article:

<https://arstechnica.com/tech-policy/2026/01/instagram-ice-critic-wins-fight-to-stay-anonymous-as-dhs-backs-down/>

What "The Best" Looks Like



2026-01-26



1
min



2
words

HACKER NEWS



Summary: <https://news.ycombinator.com/item?id=46767323> Comments



Read full article:

<https://www.kuril.in/blog/what-the-best-looks-like/>

Qwen3-Max-Thinking

 2026-01-26  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46766741)

 Read full article:

<https://qwen.ai/blog?id=qwen3-max-thinking>

Qwen3-Max-Thinking

 vinhnx  2026-01-26  1 min  13 words

HACKER NEWS


Summary:

Article URL: <https://qwen.ai/blog?id=qwen3-max-thinking>

Comments URL: <https://news.ycombinator.com/item?id=46766741>



Points: 96

Comments: 21

 Read full article:

<https://qwen.ai/blog?id=qwen3-max-thinking>

What "The Best" Looks Like

 akurilin  17 2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://www.kuril.in/blog/what-the-best-looks-like/>



Comments URL: <https://news.ycombinator.com/item?id=46767323>

Points: 5

Comments: 1

 Read full article:
<https://www.kuril.in/blog/what-the-best-looks-like/>

Popular Python Blogs / Feeds

 /u/
kivarada  17 2026-01-26  1 min  106 words

REDDIT PYTHON

Summary:




I am searching for some popular Python blogs with RSS/Atom feeds.

I am creating a search & recommendation engine with curated dev content. No AI generated content. And writers can write on any platform or their personal blog.

I have already found ...


 Read full article:
https://www.reddit.com/r/Python/comments/1qnhr7a/popular_python_blogs_feeds/

OSS ChatGPT WebUI – 530 Models, MCP, Tools, Gemini RAG, Image/Audio Gen



 2026-01-26  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46766432)

 Read full article:
<https://lmspy.org/docs/v3>

OracleGPT: Thought Experiment on an AI Powered Executive



 2026-01-26  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46766507)

 Read full article:
<https://senteguard.com/blog/#post-7fYcaQrAcfsldmSb7zVM>

Exactitude in Science – Borges (1946) [pdf]

 2026-01-26  1 min  2 words

HACKER NEWS



Summary: [Comments](https://news.ycombinator.com/item?id=46766229)



Read full article:

<https://kwarc.info/teaching/TDM/Borges.pdf>

Exactitude in Science – Borges (1946) [pdf]

 2026-01-26  1 min  2 words

HACKER NEWS





Summary: [Comments](https://news.ycombinator.com/item?id=46766229)



Read full article:

<https://kwarc.info/teaching/TDM/Borges.pdf>

AI will not replace software engineers (hopefully)

 fwef64  17 2026-01-26  1 min  13 words

HACKER NEWS

Summary:





Article URL: <https://medium.com/@sig.segv/ai-will-not-replace-software-engineers-hopefully-84c4f8fc94c0>

Comments URL: <https://news.ycombinator.com/item?id=46766493>

 Read full article:

<https://medium.com/@sig.segv/ai-will-not-replace-software-engineers-hopefully-84c4f8fc94c0>

Windows 11's Patch Tuesday nightmare gets worse

 01-  17 2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://www.windowscentral.com/microsoft/windows-11/windows-11s-botched-patch-tuesday-update-nightmare-continues-as-microsoft-confirms-some-pcs-might-fail-to-boot>

 Read full article:

<https://www.windowscentral.com/microsoft/windows-11/windows-11s-botched-patch-tuesday-update-nightmare-continues-as-microsoft-confirms-some-pcs-might-fail-to-boot>

Cop-assisted extortion of DWI arrestees in New Mexico include getting them drunk



leephillips



2026-01-26



1
min



13
words

HACKER NEWS

Summary:

Article URL: <https://reason.com/2026/01/23/cop-assisted-extortion-of-dwi-arrestees-in-new-mexico-included-getting-them-drunk/>

Comments URL: <https://news.y...>



Read full article:

<https://reason.com/2026/01/23/cop-assisted-extortion-of-dwi-arrestees-in-new-mexico-included-getting-them-drunk/>

Apple introduces new AirTag with longer range and improved findability



2026-01-26



1
min



2
words

HACKER NEWS



Summary: <https://news.ycombinator.com/item?id=46765819> Comments



Read full article:

<https://www.apple.com/newsroom/2026/01/apple-introduces-new-airtag-with-expanded-range-and-improved-findability/>

TSMC Risk

 swolpers  17 2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://stratechery.com/2026/tsmc-risk/>





Comments URL: <https://news.ycombinator.com/item?id=46764223>

Points: 11

Comments: 8

 Read full article:
<https://stratechery.com/2026/tsmc-risk/>

Apple introduces new AirTag with longer range and improved findability


 meetpateltech  17 2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://www.apple.com/newsroom/2026/01/apple-introduces-new-airtag-with-expanded-range-and-improved-findability/>

Comments URL: <https://news.y...>

 Read full article:
<https://www.apple.com/newsroom/2026/01/apple-introduces-new-airtag-with-expanded-range-and-improved-findability/>

Google AI Overviews cite YouTube more than any medical site for health queries



bookofjoe



2026-01-26



1
min



13
words

HACKER NEWS

Summary:

Article URL: <https://www.theguardian.com/technology/2026/jan/24/google-ai-overviews-youtube-medical-citations-study>
Comments URL: <https://news.ycombinator.com/item?...>



Read full article:

<https://www.theguardian.com/technology/2026/jan/24/google-ai-overviews-youtube-medical-citations-study>

Subcortex visualization: A toolbox for custom data visualization in the subcortex and cerebellum



Bryant, A.
G.



2026-01-26



1
min



188
words

BIORXIV NEUROSCIENCE


Summary: Recent years have seen an expanding repertoire of code-based tools for visualizing neuroimaging data, promoting reproducibility and interpretability of brain-mapping findings. However, most open-source visualization packages for the human brain are geared toward the cerebral cortex, and the comparat...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.23.699785v1?rss=1>

GJB2 c.109G > A mutation activating IFI27-mediated mitochondrial apoptosis pathway leading to hereditary non-syndromic hearing loss


 2026-01-26  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:

<https://www.nature.com/articles/s41598-026-37393-2>

Reply to 'Rhythms alone cannot explain subjective time'

 2026-01-26  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:

<https://www.nature.com/articles/s41583-026-01025-5>

Show HN: Only 1 LLM can fly a drone

 2026-01-26  1 min  2 words



HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46764170)

 Read full article:


<https://github.com/kxzk/snapbench>

Porting 100k lines from TypeScript to Rust using Claude Code in a month

 2026-01-26  1 min  2 words




HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46765694)

 Read full article:


<https://blog.vjeux.com/2026/analysis/porting-100k-lines-from-typescript-to-rust-using-claude-code-in-a-month.html>

After two years of vibecoding, I'm back to writing by hand

 2026-01-26  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46765460)

 Read full article:

<https://atmoio.substack.com/p/after-two-years-of-vibecoding-im>

Show HN: Only 1 LLM can fly a drone

 beigebrucewayne  2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://github.com/kxzk/snapbench>





Comments URL: <https://news.ycombinator.com/item?id=46764170>

Points: 23

Comments: 8

 Read full article:
<https://github.com/kxzk/snapbench>

Water 'Bankruptcy' Era Has Begun for Billions, Scientists Say

 ciconia  2026-01-26  1 min  13 words

HACKER NEWS




Summary:

Article URL: <https://www.bloomberg.com/news/articles/2026-01-20/water-bankruptcy-era-has-begun-for-billions-scientists-say>

Comments URL: <https://news.ycombinator.com/item?id=46764170>

 Read full article:
<https://www.bloomberg.com/news/articles/2026-01-20/water-bankruptcy-era-has-begun-for-billions-scientists-say>

After two years of vibecoding, I'm back to writing by hand

 mobitar  2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://atmoio.substack.com/p/after-two-years-of-vibecoding-im>





Comments URL: <https://news.ycombinator.com/item?id=46765460>

Points: 46...

 Read full article:

<https://atmoio.substack.com/p/after-two-years-of-vibecoding-im>

Porting 100k lines from TypeScript to Rust using Claude Code in a month

 ibobev  2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://blog.vjeux.com/2026/analysis/porting-100k-lines-from-typescript-to-rust-using-claude-code-in-a-month.html>

Comments URL: <https://news...>

 Read full article:

<https://blog.vjeux.com/2026/analysis/porting-100k-lines-from-typescript-to-rust-using-claude-code-in-a-month.html>

Project Showcase: Reflow Studio v0.5 - A local, open-source GUI for RVC and Wav2Lip.



/u/

MeanManagement834



2026-01-26



1

min



119

words

REDDIT PYTHON

Summary: I have released v0.5 of Reflow Studio, an open-source application that combines RVC and Wav2Lip into a single local pipeline. [Link to GitHub Repo](https://github.com/ananta-sj/ReFlow-Studio) https://www.reddit.com/r/Python/comments/1qna2n0/project_showcase_reflow_studio_v05_a_local/



Read full article:

https://www.reddit.com/r/Python/comments/1qna2n0/project_showcase_reflow_studio_v05_a_local/

Wind Chime Length Calculator (2022)



2026-01-20



1

min



2

words

HACKER NEWS



Summary: [Comments](https://news.ycombinator.com/item?id=46698456)



Read full article:

<https://www.snyderfamily.com/chimecalcs/>

Vibe Coding Kills Open Source

 2026-01-26  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46765120)



Read full article:

<https://arxiv.org/abs/2601.15494>

Transferring Files with gRPC

 2026-01-26  1 min  2 words

HACKER NEWS


Summary: [Comments](https://news.ycombinator.com/item?id=46765273)



Read full article:

<https://kreya.app/blog/transferring-files-with-grpc/>

Text Is King

 2026-01-20  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46698264)



Read full article:

<https://www.experimental-history.com/p/text-is-king>

The New Dark Ages

 2026-01-26  1 min  2 words

HACKER NEWS



Summary: [Comments](https://news.ycombinator.com/item?id=46764811)



Read full article:

<https://yabirgb.com/posts/dark-age/>

Show HN: Posts p/month more than doubled in the last year

 2026-01-26  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46764284)



Read full article:

<https://petegoldsmith.com/2026/01/26/2026-01-26-show-hn-trends/>

Show HN: Posts p/month more than doubled in the last year

 2026-01-26  1 min  2 words

HACKER NEWS






Summary: [Comments](https://news.ycombinator.com/item?id=46764284)




Read full article:

<https://petegoldsmith.com/2026/01/26/2026-01-26-show-hn-trends/>

Call for Papers: IEEE Brain Special Issue





 ieeebrain  17 2025-03-03  1 min  36 words 

Summary: In a unique interdisciplinary collaboration with the IEEE's Society on Social Implications of Technology (SSIT) and IEEE Brain, J-FLEX is joining forces to explore both the technology of the Internet-of-Medical-Things (IoMT) solutions and medical wearables/implantables.

 Read full article:

<https://brain.ieee.org/braininsight-articles/ieee-journal-on-flexible-electronics/>

IEEE Brain Joins the American Brain Coalition


 ieeebrain  17 2025-03-03  1 min  61 words 


Summary: IEEE Brain is pleased to announce its acceptance as a nonprofit member of the American Brain Coalition (ABC), a prestigious alliance of over 150 organizations dedicated to advancing brain research, advocacy, and improving treatments for individuals affected by brain conditions. The ABC Board has ent...

 Read full article:


<https://brain.ieee.org/braininsight-articles/ieee-brain-joins-the-american-brain-coalition-as-a-nonprofit-member/>

Prototyping a Real-Time Product Recommender using Contextual Bandits

 /u/jaehyeon-kim


 2026-01-26

 1 min

 206 words


REDDIT PYTHON

Summary: <!-- SC_OFF --><div class="md"><p>Hi everyone,</p> <p>I am writing a blog series on implementing real-time recommender systems. Part 1 covers the theoretical implementation and prototyping of a Contextual Bandit system.</p> <p>Contextual Bandits optimize recommendations by consideri...


 Read full article:

https://www.reddit.com/r/Python/comments/1qncckp/prototyping_a_realtime_product_recommender_using/

MapLibre Tile: a modern and efficient vector tile format

 2026-01-26

 1 min

 2 words






HACKER NEWS

Summary: Comments

 Read full article:

<https://maplibre.org/news/2026-01-23-mlt-release/>

MapLibre Tile: a modern and efficient vector tile format

 todsacerdoti  2026-01-26  1 min  13 words 

Summary:

Article URL: <https://maplibre.org/news/2026-01-23-mlt-release/>





Comments URL: <https://news.ycombinator.com/item?id=46763864>

Points: 9

Comments: 0




 **Read full article:**
<https://maplibre.org/news/2026-01-23-mlt-release/>

Call for Papers: IEEE Transactions on Human-Machine Systems

 Adriel Carridice  2025-06-18  1 min  0 words 

 **Read full article:**
<https://brain.ieee.org/braininsight-articles/call-for-papers-ieee-transactions-on-human-machine-systems/>

Editorial: Harnessing Reviews to Advance Biomedical Engineering's New Horizons

 2025-01-28  1 min  1 words

REVIEWS BIOMEDICAL ENGINEERING

 Read full article:

<http://ieeexplore.ieee.org/document/10856220>

Toward an understanding of how and why nature exposure is associated with reduced self-reported pain

 2026-01-26  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS


 Read full article:

<https://www.nature.com/articles/s44220-026-00588-7>

Technology is changing how we write — and how we think about writing



 2026-01-26  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:

<https://www.nature.com/articles/d41586-026-00245-0>

Light-induced analgesia provides a drug-free optical method for pain relief via activation of TRAAK k^+ channels

 2026-01-26  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:

<https://www.nature.com/articles/s41467-025-67819-w>

Map-like representations of emotion knowledge in hippocampal-prefrontal systems

 2026-01-26  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:

<https://www.nature.com/articles/s41467-025-68240-z>

Presentation of numerical uncertainty modulates duration judgments




 2026-01-26  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS


 Read full article:

<https://www.nature.com/articles/s41598-025-33733-w>

Characterization of mouse melanocytes reveals ultrastructural and immunological insights into the inner ear function




 2026-01-26  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:


<https://www.nature.com/articles/s42003-026-09616-9>

San Francisco Graffiti

 2026-01-26  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46763721)

 Read full article:

<https://walzr.com/sf-graffiti>

San Francisco Graffiti

 walz  2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://walzr.com/sf-graffiti>

Comments URL: <https://news.ycombinator.com/item?id=46763721>

Points: 4

Comments: 1





 Read full article:
<https://walzr.com/sf-graffiti>




Table of Contents

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REVIEWS BIOMEDICAL ENGINEERING

 Read full article:
<http://ieeexplore.ieee.org/document/10856214>



IEEE Engineering in Medicine and Biology Society

 2025-01-28  1 min  1 words

REVIEWS BIOMEDICAL ENGINEERING

 Read full article:
<http://ieeexplore.ieee.org/document/10856213>

UK House of Lords Votes to Extend Age Verification to VPNs

 2026-01-26  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46763548)

 Read full article:

<https://reclaimthenet.org/uk-house-of-lords-votes-to-extend-age-verification-to-vpns>

UK House of Lords Votes to Extend Age Verification to VPNs


 ubercow13  2026-01-26  1 min  13 words

HACKER NEWS

Summary:





Article URL: <https://reclaimthenet.org/uk-house-of-lords-votes-to-extend-age-verification-to-vpns>

Comments URL: [https://news.ycombinato...](https://news.ycombinator.com/item?id=46763548)

 Read full article:

<https://reclaimthenet.org/uk-house-of-lords-votes-to-extend-age-verification-to-vpns>

Apple, What Have You Done?

 todsacerdoti  2026-01-26  1 min  13 words

HACKER NEWS

Summary:




Article URL: <https://onlinegoddess.net/2026/01/apple-what-have-you-done/>

Comments URL: <https://news.ycombinator.com/item?id=46763592>

Points: 56

 Read full article:
<https://onlinegoddess.net/2026/01/apple-what-have-you-done/>

Emissary, a fast open-source Java messaging library




 2026-01-22  1 min  2 words

HACKER NEWS

Summary: <https://news.ycombinator.com/item?id=46723049> Comments

 Read full article:
<https://github.com/joel-jeremy/emissary>

The Holy Grail of Linux Binary Compatibility: Musl and Dlopen




 2026-01-26  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46762882)

 Read full article:
<https://github.com/quaadgras/graphics.gd/discussions/242>

The Holy Grail of Linux Binary Compatibility: Musl and Dlopen






 2026-01-26  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46762882)

 Read full article:
<https://github.com/quaadgras/graphics.gd/discussions/242>


Running the Stupid Cricut Software on Linux

 starkparker  17 2026-01-26  1 min  13 words 

Summary:

Article URL: <https://arthur.pizza/2025/12/running-stupid-cricut-software-under-linux/>

Comments URL: <https://news.ycombinator.com/item?id=46761761>

 **Read full article:**
<https://arthur.pizza/2025/12/running-stupid-cricut-software-under-linux/>

Linux Conclave

 Tomte  17 2026-01-26  1 min  13 words 




Summary:

Article URL: <https://git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git/tree/Documentation/process/conclave.rst>

Comments URL: <https://news.ycombinator.c...>

 **Read full article:**
<https://git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git/tree/Documentation/process/conclave.rst>

Olig2 acts as an inducible barrier to in vivo astrocyte-to-neuron conversion


 2026-01-26  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:

<https://www.nature.com/articles/s41467-026-68869-4>

Newly Appointed Editors-in-Chief

 dziura  2025-12-08  1 min  13 words

EMBS


Summary:

The post [Newly Appointed Editors-in-Chief](https://www.embs.org/featured-news/newly-appointed-editors-in-chief/) appeared first on [IEEE EMBS](https://www.embs.org).

 Read full article:

<https://www.embs.org/featured-news/newly-appointed-editors-in-chief/>

Things I've learned in my 10 years as an engineering manager

 2026-01-21  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46709270)

 Read full article:

<https://www.jampa.dev/p/lessons-learned-after-10-years-as>

Applications now being accepted for UC-Davis/SDSU ERP Boot Camp, June 15–24, 2026

 Steve Luck  2026-01-03  1 min  110 words

ERP BOOT CAMP

Summary:


The next 10-day ERP Boot Camp will be held June 15–24, 2026 in Davis, California. We are now taking applications. The due date is March 1, 2026, and admissions decisions will be announced in early April. [Click here](https://erpinfo.org/summer-boot-camp) for more information.

 Read full article:

<https://erpinfo.org/blog/2026/1/2/applications-now-being-accepted-for-uc-davissdsu-erp-boot-camp-june-1524-2026>

A multi-target therapeutic framework for Alzheimer's disease: an integrative mechanistic review

 1
min

 14
words

NEUROSCIENCE JOURNAL

Summary:

Publication date: 5 March 2026

Source: Neuroscience, Volume 596


Author(s): Ousman Bajinka, Lamarana Jallow, Guven Ozdemir

 Read full article:

https://www.sciencedirect.com/science/article/pii/S0306452226000163?dgcid=rss_sd_all

Omega-3 supplementation prevents functional and neural respiratory damage present in an animal model of Parkinson's disease

 1
min

 26
words

NEUROSCIENCE JOURNAL

Summary:

Publication date: 5 March 2026




Source: Neuroscience, Volume 596

Author(s): Taina O. Macedo, Lais M. Cabral, Nicole C. Miranda, Fulvio A. Scorza, Thiago S. Moreira, Ana C. Takakura

 Read full article:

https://www.sciencedirect.com/science/article/pii/S0306452226000400?dgcid=rss_sd_all

The role of ovarian hormones in risk aversion in female rats

 2026-01-26  1 min  0 words



NATURE NEUROSCIENCE SUBJECTS



Read full article:

<https://www.nature.com/articles/s41386-026-02347-9>

Sparsification and decorrelation of granule cell activity in the dentate gyrus by noradrenaline

 2026-01-26  1 min  0 words


NATURE NEUROSCIENCE SUBJECTS




Read full article:


<https://www.nature.com/articles/s42003-026-09592-0>

Computational reconstruction of evolutionary selection in human brain networks

 Wulf
Haubensak

 17 2026-01-26

 1
min

 255
words

FRONTIERS NEUROINFORMATICS


Summary: IntroductionThe accumulation of genomic and brain data opens new opportunities for resource friendly, data driven brain exploration. A key challenge is to develop versatile and accessible strategies that integrate and mine multimodal datasets for novel neuroscientific insights. Here, we optimized an...

 Read full article:


<https://www.frontiersin.org/articles/10.3389/fninf.2025.1623174>

Diagnostically competitive performance of a physiology-informed generative multi-task network for contrast-free CT perfusion

 Ruogu
Fang

 17 2026-01-26

 1
min

 204
words


FRONTIERS HUMAN NEUROSCIENCE



Summary: Perfusion imaging is extensively utilized to assess hemodynamic status and tissue perfusion in various organs. Computed tomography perfusion (CTP) imaging plays a key role in the early assessment and planning of stroke treatment. While CTP provides essential perfusion parameters to identify abnormal...


 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnhum.2026.1703004>

Biomarkers Identifying Tendency to Suicide (BITS): detection of biomarkers in adolescents with suicidal ideation or suicidal behavior for early prevention or intervention. A prospective cohort study

 Martina Maria
Mensi

 2026-01-26  1 min

 225 words


FRONTIERS HUMAN NEUROSCIENCE



Summary: Adolescent suicidality represents a major and persistent public health concern, with sustained increases in suicidal ideation and behaviors observed in recent years. Although suicide risk is widely conceptualized as a complex and multifactorial phenomenon, biological vulnerability factors remain ins...


 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnhum.2026.1721827>

Excluding spontaneous thought periods enhances functional connectivity test–retest reliability and machine learning performance in fMRI

 Haifeng
Li

 2026-01-26  1 min

 180 words

FRONTIERS NEUROSCIENCE



Summary: Introduction Resting-state functional magnetic resonance imaging (rs-fMRI) is a widely used non-invasive technique for investigating brain function and identifying potential disease biomarkers. Compared with task-based fMRI, rs-fMRI is easier to acquire because it does not require explicit task parad...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnins.2025.1730402>

Normative data for accommodative facility and vergence facility in a sample of African school children aged 8–17 years

 Kwame Okyere
Osei

 2026-01-26  1 min

 317 words


FRONTIERS NEUROSCIENCE



Summary: Background/objectivesThe existing literature on normative data for accommodative facility (AF) in African populations is limited to high school students. There is no normative data for vergence facility (VF) in African children, so there are no benchmarks for comparison in case analysis, diagnosis, ...


 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnins.2026.1742375>

Monday Daily Thread: Project ideas!

 /u/
AutoModerator

 2026-01-26  1 min

 244 words




REDDIT PYTHON

Summary: <!-- SC_OFF --><div class="md"><h1>Weekly Thread: Project Ideas 💡</h1><p>Welcome to our weekly Project Ideas thread! Whether you're a newbie looking for a first project or an expert seeking a new challenge, this is the place for you.</p> <h2>How it Works:</h2> Suggest a Project</st...

 Read full article:

https://www.reddit.com/r/Python/comments/1qmzzj1/monday_daily_thread_project_ideas/

Ask HN: DDD was a great debugger – what would a modern equivalent look like?




 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46759387)

 Read full article:
<https://news.ycombinator.com/item?id=46759387>

A static site generator written in POSIX shell



 2026-01-20  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46690463)

 Read full article:
<https://aashvik.com/posts/shell-ssg/>

Show HN: SF Microclimates

 2026-01-26  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46760927)



Read full article:

<https://github.com/solo-founders/sf-microclimates>

Ask HN: DDD was a great debugger – what would a modern equivalent look like?

 manux81  2026-01-25  1 min  172 words

HACKER NEWS

Summary:





I've always thought that DDD was a surprisingly good debugger for its time. It made program execution feel visible: stacks, data, and control flow were all there at once. You could really "see" what the program was doing. At the same time, it's clearly a product of a different era:— single...



Read full article:

<https://news.ycombinator.com/item?id=46759387>

Show HN: SF Microclimates

 weisser  2026-01-26  1 min  14 words



HACKER NEWS

Summary: <https://microclimates.solofounders.com/>

 Comments URL: <https://news.ycombinator.com/item?id=46760927> Points: 10 # Comments: 19

 Read full article:
<https://github.com/solo-founders/sf-microclimates>

Adolescent Social Isolation Facilitates Tau Spread in Raphe Nuclei Linking Depression and Hyperalgesia in Alzheimers Disease

 Balasubramanian, N., Gaudencio, G., Khan, K., Biggerstaff, N., Marcinkiewicz, C.  2026-01-25

 1 min  250 words

BIORXIV NEUROSCIENCE

Summary: Tau pathology in brainstem serotonergic circuits drives early neuropsychiatric dysfunction in Alzheimers disease (AD), yet mechanisms linking the exposome, particularly social stress exposures to depression and altered pain perception, remain unclear. Here, we demonstrate that adolescent social isol...

 Read full article:
<https://www.biorxiv.org/content/10.64898/2026.01.23.701108v1?rss=1>

Higher-Order Thalamus is Pivotal in Schizophrenia-Associated Pathophysiology



Stedehouder, J., Panti, K., Peng, Y., Stagg, C. J., Sharott, A.



2026-01-25



1 min



127 words

BIORXIV NEUROSCIENCE

Summary: Synaptic dysfunction has been proposed as cellular pathophysiology underlying schizophrenia, yet the brain-wide distribution of dysfunctional circuits at single-neuron resolution has remained unknown. Here, we perform comprehensive multi-probe electrophysiological investigations in vivo in the Grin2...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.24.699491v1?rss=1>

Mechanism-Specific Speech Encoding Failures in Auditory Neuropathy: A Computational Phenotyping Framework



Campi, M., Partouche, E., Gerenton, G., Avan, P., Gaultier, C.



2026-01-25



1 min



209 words

BIORXIV NEUROSCIENCE


Summary: Auditory Neuropathy Spectrum Disorder (ANSD) causes severe speech comprehension deficits despite preserved cochlear function. Patients vary widely in their impairments, likely reflecting distinct pathophysiological mechanisms that current diagnostics cannot distinguish. A fundamental barrier to diag...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.24.701491v1?rss=1>

Patients with chronic ankle instability exhibit increased sensorimotor cortex, dorsolateral prefrontal cortex, and superior temporal gyrus activation during single-leg stance: a functional near-infrared spectroscopy study

 Lining
Zhang

 17

2026-01-26



2
min



435
words

FRONTIERS HUMAN NEUROSCIENCE

Summary: IntroductionBalance deficits are associated with clinical manifestations in patients with chronic ankle instability (CAI); however, evidence of cortical plasticity related to balance control remains insufficient. This study aimed to evaluate cortical activity and balance differences between patients...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnhum.2025.1705212>

Association between cortical auditory evoked potentials recorded directly through cochlear implants and post-implantation auditory and speech outcomes

 Joseph
Attias

 17

2026-01-26



2
min



428
words

FRONTIERS NEUROSCIENCE

Summary: IntroductionFollowing the demonstration of feasibility in recording electrically evoked cortical auditory evoked potentials (eCAEPs) directly via cochlear implants in both children and adults, the present(CIs), this study aimed to investigate the relationship between eCAEP waveform characteristics a...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnins.2025.1701607>

Functional connectivity study on visually evoked auditory response based on high-density electroencephalography



Kun
Han



2026-01-26



1
min



255
words

FRONTIERS NEUROSCIENCE

Summary: Aim This study aimed to investigate the brain activity involved in visually evoked auditory response (vEAR) using high-density electroencephalography (EEG) and explore the differences in connections between visual and auditory cortex. Methods Thirty-seven subjects with vEAR and Thirty four subjects wit...



Read full article:

<https://www.frontiersin.org/articles/10.3389/fnins.2026.1691902>

Autonomic neurotransmission in cardiovascular regulation and pathophysiology



Gaetano
Santulli



2026-01-26



1
min



194
words

FRONTIERS NEUROSCIENCE

Summary: The autonomic nervous system (ANS) is a central regulator of cardiovascular function, coordinating involuntary control of heart rate, vascular tone, and blood pressure through its sympathetic (SNS) and parasympathetic (PNS) subdivisions. The SNS mediates the "fight or flight" response via catecholam...



Read full article:

<https://www.frontiersin.org/articles/10.3389/fnins.2025.1739330>

Hypoxia alters the century old Berger effect

 Evan
Hutcheon

 17

2026-01-26



1
min



0
words

FRONTIERS NEUROSCIENCE



Read full article:

<https://www.frontiersin.org/articles/10.3389/fnins.2026.1754436>

The Browser Is the Sandbox

 17

2026-01-26



1
min



2
words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46762150)



Read full article:

<https://simonwillison.net/2026/Jan/25/the-browser-is-the-sandbox/>

Show HN: A desktop app that blocks work when you bite your nails

 cacoos 17 2026-01-25 1
min 28
words

HACKER NEWS




Summary: <p>Saw this repo: https://github.com/tldev/posturr and wanted to share my solution to avoid nail biting :)</p> <hr /> <p>Comments URL: https://news.ycombinator.com/item?id=46759850<...



Read full article:

<https://github.com/cacoos/trackhands>

Tell HN: I cut Claude API costs from \$70/month to pennies

 ok_orco 17 2026-01-26 1
min 297
words

HACKER NEWS






Summary: <p>The first time I pulled usage costs after running Chatter.Plus - a tool I'm building that aggregates community feedback from Discord/GitHub/forums - for a day hours, I saw \$2.30. Did the math. \$70/month. \$840/year. For one instance. Felt sick.<p>I'd done napkin math beforehand, so I knew it was p...



Read full article:

<https://news.ycombinator.com/item?id=46760285>

You can just port things to Cloudflare Workers

 STRiDEX  2026-01-26  1 min  13 words 






Summary:

Article URL: <https://sigh.dev/posts/you-can-just-port-things-to-cloudflare-workers/>

Comments URL: <https://news.ycombinator.com/item?id=46761239>


 Read full article:
<https://sigh.dev/posts/you-can-just-port-things-to-cloudflare-workers/>

Show HN: NukeCast – If it happened today, where would the fallout go



 todd_tracerlab  2026-01-26  1 min  120 words 

Summary:

I built NukeCast because I've always wanted a tool that answers one question fast. If it happened today, where would the fallout plumes go and where would you drive to get out of it. NukeCast uses weather forecasts to drive a Lagrangian particle dispersion model with wet and dry deposition. Scena...

 Read full article:
<https://nukecast.com/>

The Browser Is the Sandbox

 enos_feeder  2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://simonwillison.net/2026/Jan/25/the-browser-is-the-sandbox/>




Comments URL: <https://news.ycombinator.com/item?id=46762150>

Poin...

 Read full article:

<https://simonwillison.net/2026/Jan/25/the-browser-is-the-sandbox/>

Front Cover


 2025-01-28  1 min  1 words


REVIEWS BIOMEDICAL ENGINEERING

 Read full article:

<http://ieeexplore.ieee.org/document/10856260>

Who delivers evidence matters

 Henrietta
Howells

 2026-01-07

 1
min

 12
words

NATURE NEUROSCIENCE

Summary:


Nature Neuroscience, Published online: 07 January 2026; [doi:10.1038/s41593-025-02192-x](https://www.nature.com/articles/s41593-025-02192-x)


Who delivers evidence matters

 Read full article:


<https://www.nature.com/articles/s41593-025-02192-x>

Cross-modal privacy-preserving synthesis and mixture-of-experts ensemble for robust ASD prediction

 Karthiga
M.

 2025-11-19

 1
min

 262
words



FRONTIERS NEUROINFORMATICS

Summary: IntroductionAutism Spectrum Disorder (ASD) diagnosis remains complex due to limited access to large-scale multimodal datasets and privacy concerns surrounding clinical data. Traditional methods rely heavily on resource-intensive clinical assessments and are constrained by unimodal or non-adaptive le...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fninf.2025.1679196>

Changelog Sites

 2025-12-12
  1 min
  99 words





FMHY

Summary:

<p>https://changes.fmhy.bid/</p> <p>This covers changes that occur in both the #Recently-Added and #Monthly-Update channels in our Discord.</p> <hr /> <p><a href="https://fmhy-tracker.pages.dev/" rel="n...

 Read full article:
<https://fmhy.net/posts/changelog-sites>

SF Microclimates

 rmason
  2026-01-26
  1 min
  13 words

HACKER NEWS

Summary:

<p>Article URL: https://microclimates.solofounders.com/</p> <p>Comments URL: https://news.ycombinator.com/item?id=46761219</p> <p>Points: 9</p> <p># Comments: 0</p>

 Read full article:
<https://microclimates.solofounders.com/>

Show HN: WhyThere – Compare cities side-by-side to decide where to move



daversa



2026-01-26



1

min



13

words

HACKER NEWS

Summary:

Article URL: <https://whythere.life>

Comments URL: <https://news.ycombinator.com/item?id=46761547>

Points: 4

Comments: 0



Read full article:

<https://whythere.life>

"What I Sign Is Not What I See": Towards Explainable and Trustworthy Cryptocurrency Wallet Signatures



Yuyang Qin, Haihan Duan



2026-01-26



1

min



207

words

ARXIV CS HC

Summary: arXiv:2601.16751v1 Announce Type: new Abstract: Cryptocurrency wallets have become the primary gateway to decentralized applications, yet users often face significant difficulty in discerning what a wallet signature actually does or entails. Prior work has mainly focused on mitigating protocol vuln...



Read full article:

<https://arxiv.org/abs/2601.16751>

Evaluating Generative AI in the Lab: Methodological Challenges and Guidelines



Hyerim Park, Khanh Huynh, Malin Eiband, Jeremy Dillmann, Sven Mayer, Michael Sedlmair



2026-01-26



1
min



222
words

ARXIV CS HC

Summary: arXiv:2601.16740v1 Announce Type: new Abstract: Generative AI (GenAI) systems are inherently non-deterministic, producing varied outputs even for identical inputs. While this variability is central to their appeal, it challenges established HCI evaluation practices that typically assume consistent ...



Read full article:

<https://arxiv.org/abs/2601.16740>

Watching AI Think: User Perceptions of Visible Thinking in Chatbots



Samuel Rhys Cox, Jade Martin-Lise, Simo Hosio, Niels van Berkel



2026-01-26



1
min



158
words

ARXIV CS HC

Summary: arXiv:2601.16720v1 Announce Type: new Abstract: People increasingly turn to conversational agents such as ChatGPT to seek guidance for their personal problems. As these systems grow in capability, many now display elements of "thinking": short reflective statements that reveal a model's intentions ...



Read full article:

<https://arxiv.org/abs/2601.16720>

Make the Unhearable Visible: Exploring Visualization for Musical Instrument Practice



Frank Heyen, Michael Gleicher, Michael Sedlmair



2026-01-26



1 min



200 words

ARXIV CS HC

Summary: arXiv:2601.16708v1 Announce Type: new Abstract: We explore the potential of visualization to support musicians in instrument practice through real-time feedback and reflection on their playing. Musicians often struggle to observe the patterns in their playing and interpret them with respect to thei...



Read full article:

<https://arxiv.org/abs/2601.16708>

Talking about privacy always feels like opening a can of worms. How Intimate Partners Navigate Boundary-Setting in Mobile Phone Without Words



Sima Amirkhani, Mahla Fatemeh Alizadeh, Farzaneh Gerami, Dave Randall, Gunnar Stevens



2026-01-26



1 min



195 words

ARXIV CS HC

Summary: arXiv:2601.16658v1 Announce Type: new Abstract: Mobile phones, as simultaneously personal and shared technologies, complicate how partners manage digital privacy in intimate relationships. While prior research has examined device-access practices, explicit privacy-rule negotiation, and toxic practi...



Read full article:

<https://arxiv.org/abs/2601.16658>

Generative Confidants: How do People Experience Trust in Emotional Support from Generative AI?



Riccardo Volpato, Simone Stumpf, Lisa DeBruine



2026-01-26



1 min



184 words

ARXIV CS HC

Summary: arXiv:2601.16656v1 Announce Type: new Abstract: People are increasingly turning to generative AI (e.g., ChatGPT, Gemini, Copilot) for emotional support and companionship. While trust is likely to play a central role in enabling these informal and unsupervised interactions, we still lack an understa...



Read full article:

<https://arxiv.org/abs/2601.16656>

HapticMatch: An Exploration for Generative Material Haptic Simulation and Interaction



Mingxin Zhang, Yu Yao, Yasutoshi Makino, Hiroyuki Shinoda, Masashi Sugiyama



2026-01-26



1 min



117 words

ARXIV CS HC

Summary: arXiv:2601.16639v1 Announce Type: new Abstract: High-fidelity haptic feedback is essential for immersive virtual environments, yet authoring realistic tactile textures remains a significant bottleneck for designers. We introduce HapticMatch, a visual-to-tactile generation framework designed to demo...



Read full article:

<https://arxiv.org/abs/2601.16639>

Who You Explain To Matters: Learning by Explaining to Conversational Agents with Different Pedagogical Roles



Zhengtao Xu, Junti Zhang, Anthony Tang, Yi-Chieh Lee



2026-01-26



1 min



152 words

ARXIV CS HC

Summary: arXiv:2601.16583v1 Announce Type: new Abstract: Conversational agents are increasingly used in education for learning support. An application is "learning by explaining", where learners explain their understanding to an agent. However, existing research focuses on single roles, leaving it unclear h...



Read full article:

<https://arxiv.org/abs/2601.16583>

The Behavioral Fabric of LLM-Powered GUI Agents: Human Values and Interaction Outcomes



Simret Araya Gebreegziabher, Yukun Yang, Charles Chiang, Hojun Yoo, Chaoran Chen, Hyo Jin Do, Zahra Ashktorab, Werner Geyer, Diego Gómez-Zarza, Toby Jia-Jun Li



2026-01-26



1 min



231 words

ARXIV CS HC


Summary: arXiv:2601.16356v1 Announce Type: new Abstract: Large Language Model (LLM)-powered web GUI agents are increasingly automating everyday online tasks. Despite their popularity, little is known about how users' preferences and values impact agents' reasoning and behavior. In this work, we investigate ...




Read full article:

<https://arxiv.org/abs/2601.16356>

My Parents Expectations Were Overwhelming: Online Dating Romance Scams Targeting Minors in Iran Through Exploitation of Parental Pressure

 Sima Amirkhani, Mahla Fatemeh Alizadeh, Dave Randall, Gunnar Stevens, Douglas Zytko

 2026-01-26  1 min  162 words


ARXIV CS HC

Summary: arXiv:2601.16321v1 Announce Type: new Abstract: Minors are at risk of myriad harms online, yet online dating romance scams are seldom considered one of them. While research of romance scams in Western countries finds victims to predominantly be middle-age, it is unknown if minors in geographic regi...

 Read full article:
<https://arxiv.org/abs/2601.16321>

Automated Place Preference Paradigm for Optogenetic Stimulation of the Pedunculo pontine Nucleus Reveals Motor Arrest-Linked Preference Behavior

 Guanghui Li, Xingfei Hou, Zhenxiang Zhao


 2026-01-26  1 min  218 words


ARXIV QBIO NC

Summary: arXiv:2601.12054v3 Announce Type: replace Abstract: Understanding how the brain integrates motor suppression with motivational processes remains a fundamental question in neuroscience. The rostral Pedunculo pontine nucleus, a brainstem structure involved in motor control, has been shown to induce tr...


 Read full article:
<https://arxiv.org/abs/2601.12054>

State Space Models Naturally Produce Time Cell and Oscillatory Behaviors and Scale to Abstract Cognitive Functions

 Sen Lu, Xiaoyu Zhang, Mingtao Hu, Eric Yeu-Jer Lee, Soohyeon Kim, Wei D. Lu

 2026-01-26

 1 min

 235 words

ARXIV QBIO NC


Summary: arXiv:2507.13638v2 Announce Type: replace Abstract: A grand challenge in modern neuroscience is to bridge the gap between the detailed mapping of microscale neural circuits and mechanistic understanding of cognitive functions. While extensive knowledge exists about neuronal connectivity and biophys...

 Read full article:


<https://arxiv.org/abs/2507.13638>

Simultaneity of consciousness with physical reality: the key that unlocks the mind-matter problem

 John Sanfey

 2026-01-26

 1 min

 231 words

ARXIV QBIO NC

Summary: arXiv:2309.15566v2 Announce Type: replace Abstract: The problem of explaining the relationship between subjective experience and physical reality remains difficult and unresolved. In most explanations, consciousness is epiphenomenal, without causal power. The most notable exception is Integrated In...

 Read full article:

<https://arxiv.org/abs/2309.15566>

Cognitively-Inspired Tokens Overcome Egocentric Bias in Multimodal Models



Bridget Leonard, Scott O.
Murray



2026-01-26



1
min



155
words

ARXIV QBIO NC

Summary: arXiv:2601.16378v1 Announce Type: cross Abstract: Multimodal language models (MLMs) perform well on semantic vision-language tasks but fail at spatial reasoning that requires adopting another agent's visual perspective. These errors reflect a persistent egocentric bias and raise questions about whe...



Read full article:

<https://arxiv.org/abs/2601.16378>

Neural Agonist-Antagonist Coupling in the Absence of Mechanical Coupling after Targeted Muscle Reinnervation



Laura Ferrante, Anna Boesendorfer, Benedikt Baumgartner, Manuel Catalano, Antonio Bicchi, Oskar Aszmann, Dario Farina



2026-01-26



1
min



74
words

ARXIV QBIO NC

Summary: arXiv:2601.16689v1 Announce Type: new Abstract: Following limb amputation and targeted muscle reinnervation (TMR), nerves supplying agonist and antagonist muscles are rerouted into separate targeted muscles, disrupting natural neuromechanical coupling between muscle groups. Using high-density intra...




Read full article:

<https://arxiv.org/abs/2601.16689>

The impact of **NGF** overexpression on proteome profile in WJ-MSC cultures

 1
min

 24
words

BRAIN RESEARCH

Summary:

Publication date: 1 March 2026

Source: Brain Research, Volume 1874


Author(s): Paulina Borkowska, Aleksandra Krawczyk, Malgorzata Kowalczyk, Aleksandra Zielinska, Dariusz Kusmierz, Magdalena B. Rother, Monika Paul-Samojedny

 Read full article:

https://www.sciencedirect.com/science/article/pii/S0006899325007024?dgcid=rss_sd_all

Dehydrocorybulbine blocks the Lyn-mediated MAPK pathway to promote anti-inflammatory polarization of microglia in mice after sevoflurane anesthesia

 1
min

 13
words

BRAIN RESEARCH

Summary:

Publication date: 1 March 2026




Source: Brain Research, Volume 1874

Author(s): Biyu Zhang, Weiqian Tian

 Read full article:

https://www.sciencedirect.com/science/article/pii/S0006899326000211?dgcid=rss_sd_all

The network architecture of general intelligence in the human connectome

 2026-01-26  1 min  0 words



NATURE NEUROSCIENCE SUBJECTS



Read full article:

<https://www.nature.com/articles/s41467-026-68698-5>

Iran's internet blackout may become permanent, with access for elites only

 2026-01-26  1 min  2 words

HACKER NEWS



Summary: [Comments](https://news.ycombinator.com/item?id=46761822)



Read full article:

<https://restofworld.org/2026/iran-blackout-tiered-internet/>

Video Games as Art

 andsoitis  17 2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://gwern.net/video-game-art>



Comments URL: <https://news.ycombinator.com/item?id=46760998>

Points: 10

Comments: 0

 Read full article:
<https://gwern.net/video-game-art>

Tech CEOs attend Amazon-funded "Melania" screening at White House

 camillomiller  17 2026-01-26  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://www.hollywoodreporter.com/movies/movie-news/white-house-vip-melania-screening-mike-tyson-tim-cook-1236484037/>

Comments URL: <http...>

 Read full article:
<https://www.hollywoodreporter.com/movies/movie-news/white-house-vip-melania-screening-mike-tyson-tim-cook-1236484037/>

Environmentalists worry Google behind bid to control Oregon town's water



voxadam



2026-01-26



1

min



13

words

HACKER NEWS

Summary:

Article URL: <https://www.sfgate.com/national-parks/article/mount-hood-water-google-21307223.php>

Comments URL: <https://news.ycombinator.com/item?id=46761614>



Read full article:

<https://www.sfgate.com/national-parks/article/mount-hood-water-google-21307223.php>

Iran's internet blackout may become permanent, with access for elites only



siev



2026-01-26



1

min



13

words

HACKER NEWS

Summary:

Article URL: <https://restofworld.org/2026/iran-blackout-tiered-internet/>

Comments URL: <https://news.ycombinator.com/item?id=46761822>

Points: 31




Read full article:

<https://restofworld.org/2026/iran-blackout-tiered-internet/>

Neuropixels go ultra

 Luis A.
Mejia

 2026-01-07

 1
min


 11
words


NATURE NEUROSCIENCE

Summary: <p>Nature Neuroscience, Published online: 07 January 2026; doi:10.1038/s41593-025-02193-w</p>Neuropixels go ultra


 **Read full article:**
<https://www.nature.com/articles/s41593-025-02193-w>

Potential of EEG and EEG/MEG skull conductivity estimation to improve source analysis in presurgical evaluation of epilepsy

 Johannes Vorwerk, Stefan Rampp, Carsten H Wolters and Daniel
Baumgarten

 2026-01-12

 1
min

 300
words

JOURNAL NEURAL ENGINEERING

Summary: Objective. Conductivity estimation exploiting evoked potentials and fields is a promising method to reduce the uncertainty of electroencephalography (EEG) and combined EEG/magnetoencephalography (MEG) source analysis due to inter-individual variations of tissue conductivities. Approaches for skull c...

 **Read full article:**
<https://iopscience.iop.org/article/10.1088/1741-2552/ae2f01>

Python modules: retry framework, OpenSSH client w/ fast conn pooling, and parallel task-tree schedul



/u/
werwolf9



2026-01-26



1
min



342
words

REDDIT PYTHON

Summary: I'm the author of `bzfs`, a Python CLI for ZFS snapshot replication across fleets of machines (<https://github.com/whosc hek/bzfs>). Building a replication engine forces you to get a few things right: ret...



Read full article:

https://www.reddit.com/r/Python/comments/1qn3wfi/python_modules_retry_framework_openssh_client_w/

Delta single handle ball faucets (1963)



2026-01-22



1
min



2
words

HACKER NEWS



Summary: <https://news.ycombinator.com/item?id=46714981> Comments



Read full article:

<https://archive.org/details/DeltaSingleHandleBallFaucets>

The Science of Fermentation (The Food Programme)

 2026-01-23  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46733306)

 Read full article:

<https://www.bbc.co.uk/programmes/m002pqg6>

Microsoft suspects some PCs might not boot after Windows 11 January 2026 Update

 nsoonhui  2026-01-26  1 min  13 words

HACKER NEWS


Summary:


Article URL: <https://www.windowslatest.com/2026/01/25/microsoft-suspects-some-pcs-might-not-boot-after-windows-11-january-2026-update-kb5074109/>

 Read full article:


<https://www.windowslatest.com/2026/01/25/microsoft-suspects-some-pcs-might-not-boot-after-windows-11-january-2026-update-kb5074109/>

[Showcase] Qwen2.5 runs on my own ML framework (Magnetron)

 /u/
Mario_Neo

 2026-01-25

 1
min

 106
words



REDDIT PYTHON


Summary: <!-- SC_OFF --><div class="md"><p>Repo/example: https://github.com/MarioSieg/magnetron/tree/develop/examples/qwen25</p> <p>What My Project Does</p> <p>I got Qwen2.5 inference running end-to-end on Magn...

 Read full article:

https://www.reddit.com/r/Python/comments/1qmq6e3/showcase_qwen25_runs_on_my_own_ml_framework/


Show HN: FaceTime-style calls with an AI Companion (Live2D and long-term memory)

 2026-01-25  1
min

 2
words



HACKER NEWS

Summary: Comments

 Read full article:


<https://thebeni.ai/>

Show HN: FaceTime-style calls with an AI Companion (Live2D and long-term memory)




 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46759627)

 Read full article:
<https://thebeni.ai/>

Guix for Development



 2026-01-20  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46690592)

 Read full article:
<https://dthompson.us/posts/guix-for-development.html>

Case study: Creative math – How AI fakes proofs

 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46759352)



Read full article:

<https://tomaszmachnik.pl/case-study-math-en.html>

Case study: Creative math – How AI fakes proofs

 2026-01-25  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46759352)



Read full article:

<https://tomaszmachnik.pl/case-study-math-en.html>

Show HN: A small programming language where everything is pass-by-value




 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46759520)

 Read full article:
<https://github.com/Jcparkyn/herd>

Show HN: A small programming language where everything is pass-by-value



 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46759520)

 Read full article:
<https://github.com/Jcparkyn/herd>

Scientists identify brain waves that define the limits of 'you'

 2026-01-26  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46760099)



Read full article:

<https://www.sciencealert.com/scientists-identify-brain-waves-that-define-the-limits-of-you>

Clawdbot - open source personal AI assistant

 2026-01-26  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46760237)



Read full article:


<https://github.com/clawdbot/clawdbot>

Over 36,500 killed in Iran's deadliest massacre, documents reveal





 2026-01-26  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46760329)

 Read full article:
<https://www.iranintl.com/en/202601255198>

The future of software engineering is SRE

 Swizec  2026-01-25  1 min  13 words

HACKER NEWS

Summary:





Article URL: <https://swizec.com/blog/the-future-of-software-engineering-is-sre/>

Comments URL: <https://news.ycombinator.com/item?id=46759063>

Po...

 Read full article:
<https://swizec.com/blog/the-future-of-software-engineering-is-sre/>

Scientists identify brain waves that define the limits of 'you'

 mikhael  17 2026-01-26  1 min  13 words




HACKER NEWS

Summary: <p>Article URL: https://www.sciencealert.com/scientists-identify-brain-waves-that-define-the-limits-of-you</p> <p>Comments URL: https://new...

 Read full article:

<https://www.sciencealert.com/scientists-identify-brain-waves-that-define-the-limits-of-you>

Clawdbot - open source personal AI assistant

 KuzeyAbi  17 2026-01-26  1 min  13 words

HACKER NEWS

Summary: <p>Article URL: https://github.com/clawdbot/clawdbot</p> <p>Comments URL: https://news.ycombinator.com/item?id=46760237</p> <p>Points: 68</p> <p># Comments: 23</p>

 Read full article:

<https://github.com/clawdbot/clawdbot>

Over 36,500 killed in Iran's deadliest massacre, documents reveal



mhb



2026-01-26



1
min



13
words

HACKER NEWS

Summary:

Article URL: <https://www.iranintl.com/en/202601255198>

Comments URL: <https://news.ycombinator.com/item?id=46760329>

Points: 117

Comments: 48



Read full article:

<https://www.iranintl.com/en/202601255198>

Show HN: Elo ranking for landing pages



Intragalactic



2026-01-26



1
min



13
words

HACKER NEWS

Summary:

Article URL: <https://landingleaderboard.com/>

Comments URL: <https://news.ycombinator.com/item?id=46760338>

Points: 15

Comments: 3



Read full article:

<https://landingleaderboard.com/>

Sunday Daily Thread: What's everyone working on this week?

/u/
AutoModerator

17 2026-01-25

1
min

211
words

REDDIT PYTHON

Summary: <!-- SC_OFF --><div class="md"><h1>Weekly Thread: What's Everyone Working On This Week? 🛠️</h1> <p>Hello /r/Python! It's time to share what you've been working on! Whether it's a work-in-progress, a completed masterpiece, or just a rough idea, let us know what you're up to!</...</div></div>

🔗 Read full article:

https://www.reddit.com/r/Python/comments/1qm39sf/sunday_daily_thread_whats_everyone_working_on/

Darl: Incremental compute, scenario analysis, parallelization, static-ish typing, code replay & more

/u/
Global_Bar1754

17 2026-01-25

1
min

366
words

REDDIT PYTHON

Summary: <!-- SC_OFF --><div class="md"><p>Hi everyone, I wanted to share a code execution framework/library that I recently published, called "darl".</p> <p>https://github.com/mitstake/darl</p> <p>What my project does:</p> <p>Darl is a lightwei...</div></div>

🔗 Read full article:

https://www.reddit.com/r/Python/comments/1qmn6rs/darl_incremental_compute_scenario_analysis/

[Project] Music Renamer CLI - A standalone tool to auto- rename audio files using Shazam



/u/

SolidEstablishment70



2026-01-25



1

min



350

words

REDDIT PYTHON

Summary: Hello [r/Python](/r/Python),
I wanted to share a CLI tool I built to solve a personal headache: organizing folders full of unnamed music files (like `01 Audio Track.m4a`).
Repository & Download: <https://github.com/jlfernande...>



Read full article:

https://www.reddit.com/r/Python/comments/1qmr22w/project_music_renamer_cli_a_standalone_tool_to/

Bitwise conversion of doubles using only FP multiplication and addition (2020)



2026-01-25



1

min



2

words

HACKER NEWS


Summary: [Comments](https://news.ycombinator.com/item?id=46754522)



Read full article:

<https://dougallj.wordpress.com/2020/05/10/bitwise-conversion-of-doubles-using-only-floating-point-multiplication-and-addition/>

Composing behavior

 William P.
Olson



2026-01-07



1
min



10
words

NATURE NEUROSCIENCE

Summary: <p>Nature Neuroscience, Published online: 07 January 2026; doi:10.1038/s41593-025-02194-9</p>Composing behavior



Read full article:

<https://www.nature.com/articles/s41593-025-02194-9>

Correction: RSA-TransUNet: a robust structure-adaptive TransUNet for enhanced road crack segmentation



Ruoli
Yang



2025-11-10



1
min



0
words

FRONTIERS NEUROROBOTICS



Read full article:

<https://www.frontiersin.org/articles/10.3389/fnbot.2025.1711642>

A novel intelligent physiotherapy robot based on dynamic acupoint recognition method



Shuoyu
Wang



2025-11-24



1
min



299
words

FRONTIERS NEUROBOTICS

Summary: BackgroundPhysiotherapy robots offer a feasible and promising solution for achieving safe and efficient treatment. Among these, acupoint recognition is the core component that ensures the precision of physiotherapy robots. Although the research on the acupoint recognition such as hand and ear has be...



Read full article:

<https://www.frontiersin.org/articles/10.3389/fnbot.2025.1696824>

Reconfiguration of Premotor Excitation and Inhibition Drives Behavior-Specific Protopodium Dynamics in Drosophila Larvae



Sitaula, A., Olsen, L., Huang, Y., Perera, D. M., Mandhyan, P. M., Byrd, N., Arredondo, S., Carlisle, L., Godage, I. S., Zarin, A.



2026-01-25



1
min



232
words

BIORXIV NEUROSCIENCE



Summary: Animals use the same muscles to generate distinct locomotor behaviors, raising the question of how shared motor systems produce behavior-specific outputs. In *Drosophila* larvae, forward and backward crawling recruit largely overlapping motor pools but differ in the timing of ventral oblique (VO) musc...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.23.701396v1?rss=1>

The behavioral cost of personalized pricing

 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46757224)



Read full article:

<https://digitalseams.com/blog/the-behavioral-cost-of-personalized-pricing>

The '3.5% rule': How a small minority can change the world

 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46758450)



Read full article:

<https://www.bbc.com/future/article/20190513-it-only-takes-35-of-people-to-change-the-world>

Show HN: An interactive map of US lighthouses and navigational aids



idd2



2026-01-25



1

min



165

words

HACKER NEWS

Summary: <p>This is an interactive map of US navigational aids and lighthouses, which indicates their location, color, characteristic and any remarks the Coast Guard has attached.<p>I was sick at home with the flu this weekend, and went on a bit of a Wikipedia deep dive about active American lighthouses. Sea...



Read full article:

<https://www.lighthouses.app/>

On the Methodology of Actual Physics [video]



sbuttgartereit



2026-01-25



1

min



13

words

HACKER NEWS






Summary: <p>Article URL: https://www.youtube.com/watch?v=SaZFgtmOFek</p>
<p>Comments URL: https://news.ycombinator.com/item?id=46756530</p> <p>Points: 3</p> <p># Comments: 0</p>



Read full article:

<https://www.youtube.com/watch?v=SaZFgtmOFek>

The behavioral cost of personalized pricing

 bobbiechen  17 2026-01-25  1 min  13 words 

Summary:

Article URL: <https://digitalseams.com/blog/the-behavioral-cost-of-personalized-pricing>

Comments URL: <https://news.ycombinator.com/item?id=46757224>

 **Read full article:**
<https://digitalseams.com/blog/the-behavioral-cost-of-personalized-pricing>

The '3.5% rule': How a small minority can change the world

 choult  17 2026-01-25  1 min  13 words 

Summary:

Article URL: <https://www.bbc.com/future/article/20190513-it-only-takes-35-of-people-to-change-the-world>

Comments URL: <https://news.ycombinator.com/item?id=46758450>

 **Read full article:**
<https://www.bbc.com/future/article/20190513-it-only-takes-35-of-people-to-change-the-world>

LED lighting undermines visual performance unless supplemented by wider spectra



bookofjoe



2026-01-25

1
min13
words

HACKER NEWS

Summary:

Article URL: <https://www.nature.com/articles/s41598-026-35389-6>

Comments URL: <https://news.ycombinator.com/item?id=46758644>

Points: 20

Comments: 1



Read full article:

<https://www.nature.com/articles/s41598-026-35389-6>

Diversity and immune dynamics of choroid plexus macrophages are shaped by distinct developmental origins

Simone
Brioschi

2026-01-21

1
min47
words

NATURE NEUROSCIENCE

Summary:

Nature Neuroscience, Published online: 21 January 2026; <https://www.nature.com/articles/s41593-025-02158-z>; doi:10.1038/s41593-025-02158-z

The choroid plexus is a vital brain ventricular organ that produces cerebrospinal fluid. This study shows how developmental origins and local ...




Read full article:

<https://www.nature.com/articles/s41593-025-02158-z>

Computational modeling of resistance to hormone-mediated remission in childhood absence epilepsy


 Sue Ann
Campbell

 2026-01-12  1
min

 165
words

FRONTIERS COMPUTATIONAL NEUROSCIENCE



Summary: Childhood absence epilepsy (CAE) often resolves during adolescence, a period marked by hormonal and neurosteroid changes associated with puberty. However, remission does not occur in all individuals. To investigate this clinical heterogeneity, we developed a simplified thalamocortical model with a l...


 Read full article:

<https://www.frontiersin.org/articles/10.3389/fncom.2025.1733650>

ESPythoNOW - Send/Receive messages between Linux and ESP32/8266 devices. Now supports ESP-NOW V2.0!

 /u/
ChuckMash

 2026-01-25  1
min

 124
words


REDDIT PYTHON



Summary: <!-- SC_OFF --><div class="md"> What My Project Does ESPythoNOW allows you send and receive ESP-NOW messages between a Linux PC and ESP32/ESP8266 micro-controllers. It now supports ESP-NOW v2.0, allowing over 1,400 bytes per message up from the 1.0 ...

 Read full article:

https://www.reddit.com/r/Python/comments/1qmpou0/espythonow_sendreceive_messages_between_linux_and/

How the olfactory bulb maintains stable odor manifolds amid adaptation and representational drift

 Zheng, C. X., Yu, B., Navlakha, S., Koulakov, A.

 2026-01-25  1 min

 135 words

BIORXIV NEUROSCIENCE



Summary: Adaptive coding in sensory circuits enables stable perception while accommodating experience-dependent changes. In the olfactory bulb (OB), repeated odor exposure reshapes population activity even without explicit behavioral feedback, but the underlying circuit mechanisms remain unclear. By analyzin...


 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.23.701335v1?rss=1>


OASIS-SB: a sex-balanced, distribution-preserving, synthetic phenotypic dataset for bias-resilient clinical prediction

 Naman Dhariwal

 2026-01-16  1 min



 0 words

FRONTIERS COMPUTATIONAL NEUROSCIENCE

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fncom.2025.1744217>

AI Tribalism

 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46758175)



Read full article:

<https://nolanlawson.com/2026/01/24/ai-tribalism/>

I was right about ATPROTO key management

 2026-01-25  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46757357)



Read full article:

<https://notes.nora.codes/atproto-again/>

OnePlus update blocks downgrades and custom ROMs by blowing a fuse

 2026-01-25  1 min  2 words




HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46757944)

 Read full article:

https://consumerrights.wiki/w/Oneplus_phone_update_introduces_hardware_anti-rollback

I was right about ATPProto key management

 todsacerdoti  2026-01-25  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://notes.nora.codes/atproto-again/>

Comments URL: <https://news.ycombinator.com/item?id=46757357>

Points: 4

Comments: 0

 Read full article:

<https://notes.nora.codes/atproto-again/>

OnePlus update blocks downgrades and custom ROMs by blowing a fuse



validatori



2026-01-25



1

min



13

words

HACKER NEWS

Summary:

Article URL: https://consumerrights.wiki/w/Oneplus_phone_update_introduces_hardware_anti-rollback

Comments URL: [https://news.ycombinato...](https://news.ycombinator.com/item?id=46757944)



Read full article:

https://consumerrights.wiki/w/Oneplus_phone_update_introduces_hardware_anti-rollback

AI Tribalism



zurvanist



2026-01-25



1

min



13

words

HACKER NEWS

Summary:

Article URL: <https://nolanlawson.com/2026/01/24/ai-tribalism/>

Comments URL: <https://news.ycombinator.com/item?id=46758175>

Points: 5

Comments: 0



Read full article:

<https://nolanlawson.com/2026/01/24/ai-tribalism/>

A systematic review of functional near-infrared spectroscopy-based task paradigms in stroke rehabilitation



Zhenhua
Song



2026-01-16



1
min



147
words

FRONTIERS HUMAN NEUROSCIENCE

Summary: Precision in assessing neurological function after stroke is key to optimizing the efficacy of rehabilitation. Functional near-infrared spectroscopy (fNIRS) provides a highly ecologically valid assessment of cortical activation and functional reorganization after stroke by monitoring cortical hemody...



Read full article:

<https://www.frontiersin.org/articles/10.3389/fnhum.2025.1633142>

Show HN: LLMNet – The Offline Internet, Search the web without the web



modinfo



2026-01-25



1
min



13
words

HACKER NEWS

Summary:

Article URL: <https://github.com/skorotkiewicz/llmnet>

Comments URL: <https://news.ycombinator.com/item?id=46754206>

Points: 12

Comments: 3



Read full article:

<https://github.com/skorotkiewicz/llmnet>

Yes, It's Fascism

 mickle00  17 2026-01-25  1 min  13 words

HACKER NEWS

Summary:





Article URL: <https://www.theatlantic.com/ideas/2026/01/america-fascism-trump-maga-ice/685751/>

Comments URL: <https://news.ycombinator.com/item?id=46757822>

 Read full article:

<https://www.theatlantic.com/ideas/2026/01/america-fascism-trump-maga-ice/685751/>

Differences in stimulus evoked electroencephalographic entropy reduction distinguishes cognitively normal Parkinson's disease participants from healthy aged-matched controls

 David T J Liley  17 2026-01-21  1 min  274 words


JOURNAL NEURAL ENGINEERING

Summary: Objective. Parkinson's disease (PD) is a common neurodegenerative disease best known for its defining motor symptoms. However, it is also associated with significant cognitive impairment at all stages of the disease, with many patients eventually progressing to dementia. Therefore, there exists a si...

 Read full article:

<https://iopscience.iop.org/article/10.1088/1741-2552/ae33f7>

Spanish track was fractured before high-speed train disaster, report finds


 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46757162)

 **Read full article:**
<https://www.bbc.com/news/articles/c1m77dmxlvlo>

First, Make Me Care


 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46757067)

 **Read full article:**
<https://gvern.net/blog/2026/make-me-care>

First, Make Me Care

 andsoitis
  2026-01-25
  1 min
  13 words

HACKER NEWS

Summary:

Article URL: <https://gwern.net/blog/2026/make-me-care>




Comments URL: <https://news.ycombinator.com/item?id=46757067>

Points: 25

Comments: 4

 Read full article:
<https://gwern.net/blog/2026/make-me-care>

Spanish track was fractured before high-speed train disaster, report finds

 Rygian
  2026-01-25
  1 min
  13 words

HACKER NEWS

Summary:

Article URL: <https://www.bbc.com/news/articles/c1m77dmxlvlo>






Comments URL: <https://news.ycombinator.com/item?id=46757162>

Points: 27

Comments: 8

 Read full article:
<https://www.bbc.com/news/articles/c1m77dmxlvlo>

Data Leak Exposes 149M Logins, Including Gmail, Facebook

 saikatsg  2026-01-25  1 min  13 words 






Summary:

Article URL: <https://www.techrepublic.com/article/news-149-million-passwords-exposed-infostealer-database/>

Comments URL: <https://news.ycombinator.com/item?id=46757465>

 **Read full article:**
<https://www.techrepublic.com/article/news-149-million-passwords-exposed-infostealer-database/>

Ivan Lee, Appointed Editor-in-Chief of EMBC Proceedings


 Nancy Zimmerman  2025-09-08  1 min  17 words 


Summary:

The post https://www.embs.org/press/embc-eic-sunghoon-ivan-lee/#new_tab Ivan Lee, Appointed Editor-in-Chief of EMBC Proceedings appeared first on <https://www.embs.org> IEEE EMBS.

 **Read full article:**
https://www.embs.org/press/embc-eic-sunghoon-ivan-lee/#new_tab

SynSpine: an automated workflow for the generation of longitudinal spinal cord synthetic MRI data

 Licinio
Craveiro

 2025-12-17

 1
min

 273
words


FRONTIERS NEUROINFORMATICS


Summary: Background Spinal cord atrophy is a key biomarker for tracking disease progression in neurological disorders, including multiple sclerosis, amyotrophic lateral sclerosis, and spinal cord injury. Recent MRI advancements have improved atrophy detection, particularly in the cervical region, facilitating...

 Read full article:


<https://www.frontiersin.org/articles/10.3389/fninf.2025.1649440>

Metabolic reallocation in spinal cord oligodendrocytes drives chronic pain via neuronal β -amyloid production

 fotio, Y., Al Masri, S., shi, Z., le, J., Das, S., I. Rubtsova, V., Mabou Tagne, A., Jang, C., swarup, V.,
Piomelli, D.

 2026-01-25

 1
min

 125
words


BIORXIV NEUROSCIENCE

Summary: Peripheral injury reprograms metabolism in spinal cord oligodendrocytes, initiating a molecular cascade that drives chronic pain via neuronal β -amyloid ($A\beta$) release. After injury, mouse spinal oligodendrocytes downregulate myelin protein synthesis and upregulate lipid biosynthesis- but rer...


 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.23.701389v1?rss=1>

Hydrogen inhalation is associated with a transient rightward shift in prefrontal oxyhemoglobin asymmetry and autonomic modulation



 2026-01-25  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS


 Read full article:

<https://www.nature.com/articles/s41598-026-36599-8>

Virtual reality mediated brain-computer interface training improves sensorimotor neuromodulation in unimpaired and post spinal cord injury individuals



 2026-01-25  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:

<https://www.nature.com/articles/s41598-026-36431-3>

Publishing on the ATmosphere

 2026-01-20  1 min  2 words



HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46691152)

 Read full article:

<https://tynanistyping.offprint.app/a/3mcsvjjceei23-publishing-on-the-atmosphere>

The AI Revolution in Coding: Why I'm Ignoring the Prophets of Doom

 2026-01-25  1 min  2 words


HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46757126)

 Read full article:

<https://codingismycraft.blog/index.php/2026/01/23/the-ai-revolution-in-coding-why-im-ignoring-the-prophets-of-doom/>

What Is Starlink Mesh? – Starlink Help Center

 janandonly  2026-01-25  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://starlink.com/ca/support/article/57f4bd5c-4125-2210-8bb2-30c90b558b7b>

Comments URL: <https://news.ycombinator.com/item?id=46756288>

 Read full article:

<https://starlink.com/ca/support/article/57f4bd5c-4125-2210-8bb2-30c90b558b7b>

Distinct roles of directional and positional experience in de novo visuomotor learning



Kawano, T., Hagio,
S.



2026-01-25



1
min



233
words

BIORXIV NEUROSCIENCE

Summary: Humans can flexibly acquire entirely new sensorimotor mappings, a process known as de novo motor learning. A central challenge in de novo motor learning is that the learner must discover a viable solution from scratch within a highly redundant control space, without predefined task constraints. Unde...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.23.701220v1?rss=1>

Towards robust probabilistic maps in Deep Brain Stimulation: exploring the impact of patient number, stimulation counts, and statistical approaches



Teresa
Nordin



2026-01-21



1
min



335
words

FRONTIERS COMPUTATIONAL NEUROSCIENCE

Summary: Introduction Probabilistic Stimulation Maps (PSMs) are increasingly employed to identify brain regions associated with optimal therapeutic outcomes in Deep Brain Stimulation (DBS). However, their reliability and generalizability are challenged by the limited size of most patient cohorts and the inher...



Read full article:

<https://www.frontiersin.org/articles/10.3389/fncom.2025.1699192>

F2-CommNet: Fourier–Fractional neural networks with Lyapunov stability guarantees for hallucination-resistant community detection

 Yanfei
Ma



2026-01-21



1
min



169
words

FRONTIERS COMPUTATIONAL NEUROSCIENCE

Summary: Community detection is a crucial task in network research, applicable to social systems, biology, cybersecurity, and knowledge graphs. Recent advancements in graph neural networks (GNNs) have exhibited significant representational capability; yet, they frequently experience instability and erroneous...



Read full article:

<https://www.frontiersin.org/articles/10.3389/fncom.2025.1731452>

World's most powerful literary critic is on TikTok



2026-01-25



1
min



2
words

HACKER NEWS


Summary: [Comments](https://news.ycombinator.com/item?id=46751231)



Read full article:

<https://www.newstatesman.com/culture/books/2026/01/the-worlds-most-powerful-literary-critic-is-on-tiktok>

ICE Using Palantir Tool That Feeds on Medicaid Data

 2026-01-25  1 min  2 words



HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46756117)

 Read full article:

<https://www.eff.org/deeplinks/2026/01/report-ice-using-palantir-tool-feeds-medicaid-data>

Will Your AI Teammate Bring Bagels to Standup?

 ohjeez  2026-01-25  1 min  13 words

HACKER NEWS

Summary:





Article URL: <https://redmonk.com/kholterhoff/2026/01/16/will-your-ai-teammate-bring-bagels-to-standup/>

Comments URL: [https://news...](https://news.ycombinator.com/item?id=46755975)

 Read full article:

<https://redmonk.com/kholterhoff/2026/01/16/will-your-ai-teammate-bring-bagels-to-standup/>


ICE Using Palantir Tool That Feeds on Medicaid Data

 JKCalhoun  2026-01-25  1 min  13 words HACKER NEWS

Summary:




Article URL: <https://www.eff.org/deeplinks/2026/01/report-ice-using-palantir-tool-feeds-medicaid-data>

Comments URL: [https://news.yc...](https://news.ycombinator.com/item?id=46756117)

 Read full article:

<https://www.eff.org/deeplinks/2026/01/report-ice-using-palantir-tool-feeds-medicaid-data>

Advances in neuroimaging in cancer-related cognitive impairment


 Wei Wang  2026-01-21  1 min  126 words FRONTIERS HUMAN NEUROSCIENCE


Summary: Cancer-related cognitive impairment (CRCI) is a cognitive dysfunction of the brain caused by the tumor itself and antitumor treatments such as radiotherapy, chemotherapy, endocrine therapy, and surgery. As a common complication of cancer, CRCI significantly affects patients' quality of life. In rece...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnhum.2026.1738024>

Innovative approach of nonlinear controllers design for prosthetic knee performance

 Nadia
Sultan

 2026-01-21

 1
min

 181
words


FRONTIERS NEUROBOTICS


Summary: Prosthetic knee joints are essential assistive technologies designed to replicate natural gait and improve mobility for individuals with lower-limb loss. This study presents a comprehensive nonlinear dynamic model of a two-degree-of-freedom prosthetic knee joint and introduces three robust nonlinear...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnbot.2025.1681298>

FAA institutes nationwide drone no-fly zones around ICE operations

 dayofthedaleks

 2026-01-25

 1
min

 13
words


HACKER NEWS

Summary:

Article URL: <https://www.aerotime.aero/articles/faa-drone-no-fly-zone-ice-dhs>


Comments URL: <https://news.ycombinator.com/item?id=46755999>


Points...

 Read full article:

<https://www.aerotime.aero/articles/faa-drone-no-fly-zone-ice-dhs>

Effects of violence on executive function: a neuropsychological and predictive analysis in victims of the armed conflict in Colombia

 Marina B. Martínez-Gonzalez


 2026-01-21  1 min  249 words

FRONTIERS HUMAN NEUROSCIENCE

Summary: IntroductionExposure to violence has been associated with alterations in how the brain organizes thought, regulates emotions, and guides behavior. In Colombia, decades of armed conflict have generated heterogeneous patterns of cognitive vulnerability, yet evidence on executive and emotional function...

 **Read full article:**
<https://www.frontiersin.org/articles/10.3389/fnhum.2025.1737110>

White House alters arrest photo of ICE protester, says "the memes will continue"




 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46755734)

 **Read full article:**
<https://arstechnica.com/tech-policy/2026/01/white-house-posts-altered-arrest-photo-to-make-it-appear-ice-critic-was-sobbing/>

White House alters arrest photo of ICE protester, says "the memes will continue"

 2026-01-25  1 min  2 words



HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46755734)

 Read full article:

<https://arstechnica.com/tech-policy/2026/01/white-house-posts-altered-arrest-photo-to-make-it-appear-ice-critic-was-sobbing/>

The influence of class mobility on pain empathy among the wealthy in collectivist cultures: evidence from ERPs

 Pinchao Luo  2026-01-21  1 min  288 words

FRONTIERS HUMAN NEUROSCIENCE


Summary: IntroductionAs a privileged group within the social structure, the wealthy play a significant role in social philanthropy and public welfare initiatives, making their empathic capacity a subject of considerable interest. Previous research has found that wealthy individuals who have experienced upwar...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnhum.2025.1675144>

CSF1R-related leukoencephalopathy presenting with early apathy, hypoactivity, and cognitive flattening: a case report of a diagnostic challenge

 Yangjia
Zhang

 2026-01-21

 1
min

 164
words


FRONTIERS HUMAN NEUROSCIENCE


Summary: Hereditary diffuse leukoencephalopathy with axonal spheroids (HDLS) is a rare autosomal dominant leukodystrophy primarily caused by mutations in the colony-stimulating factor 1 receptor (CSF1R) gene, characterized by progressive cognitive and motor decline. We present a case of a 42-year-old Chinese...

 Read full article:


<https://www.frontiersin.org/articles/10.3389/fnhum.2026.1702515>

Neuromotor adaptations in people with Parkinson's Disease following a 12-month multimodal non-contact boxing intervention

 Christopher R.
Watts

 2026-01-21

 1
min

 197
words

FRONTIERS HUMAN NEUROSCIENCE

Summary: Parkinson's Disease (PD) is a common neurological disorder that diminishes neuromotor control. Exercise training provides a nonpharmacological treatment option that may help motor symptom severity and trajectory. In the present case series, we assessed linear and non-linear measures of neuromotor co...

 Read full article:

<https://www.frontiersin.org/articles/10.3389/fnhum.2025.1707832>

Show HN: Netfence – Like Envoy for eBPF Filters

 2026-01-25  1 min  2 words

HACKER NEWS



Summary: [Comments](https://news.ycombinator.com/item?id=46754724)



Read full article:

<https://github.com/danthegoodman1/netfence>

Using PostgreSQL as a Dead Letter Queue for Event-Driven Systems

 2026-01-25  1 min  2 words

HACKER NEWS





Summary: [Comments](https://news.ycombinator.com/item?id=46755115)



Read full article:

<https://www.diljitpr.net/blog-post-postgresql-dlq>

Show HN: Netfence – Like Envoy for eBPF Filters

 dangoodmanUT  2026-01-25  1 min  202 words

HACKER NEWS

Summary: <p>To power the firewalling for our agents so that they couldn't contact arbitrary services, I build netfence. It's like Envoy but for eBPF filters.<p>It allows you to define different DNS-based rules that are resolved in a local daemon to IPs, then pushed to the eBPF filter to allow traffic. By doi...

 Read full article:

<https://github.com/danthegoodman1/netfence>

Using PostgreSQL as a Dead Letter Queue for Event-Driven Systems

 tanelpoder  2026-01-25  1 min  13 words




HACKER NEWS

Summary: <p>Article URL: https://www.diljitpr.net/blog-post-postgresql-dlq</p> <p>Comments URL: https://news.ycombinator.com/item?id=46755115</p> <p>Points: 10</p> <p># Comments: 0</p>

 Read full article:

<https://www.diljitpr.net/blog-post-postgresql-dlq>

Effects of workspace wall colors on productivity and emotion via immersive VR and physiological data



 2026-01-25  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:


<https://www.nature.com/articles/s41598-026-35133-0>

A macOS app that blurs your screen when you slouch

 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46754944)

 Read full article:

<https://github.com/tldev/posturr>

Wine-Staging 11.1 Adds Patches for Enabling Recent Photoshop Versions on Linux



LorenDB



2026-01-25



1

min



13

words

HACKER NEWS

Summary:

Article URL: <https://www.phoronix.com/news/Wine-Staging-11.1>

Comments URL: <https://news.ycombinator.com/item?id=46754427>

Points: 22

Comments: 0



Read full article:

<https://www.phoronix.com/news/Wine-Staging-11.1>

A macOS app that blurs your screen when you slouch



dnw



2026-01-25



1

min



13

words

HACKER NEWS

Summary:

Article URL: <https://github.com/tldev/posturr>

Comments URL: <https://news.ycombinator.com/item?id=46754944>

Points: 65




Comments: 7



Read full article:

<https://github.com/tldev/posturr>

Monthly Updates [November]




 2025-11-01  4 min  924 words

[FMHY](#)

Summary: `<div class="info custom-block"><p class="custom-block-title">INFO</p><p>These update threads only contains major updates. If you're interested in seeing all minor changes you can follow our Commits Page on ...`

 Read full article:
<https://fmhy.net/posts/Nov-2025>

Web-based image editor modeled after Deluxe Paint



 2026-01-25  1 min  2 words

[HACKER NEWS](#)

Summary: `Comments`

 Read full article:
<https://github.com/steffest/DPaint-js>

Web-based image editor modeled after Deluxe Paint

 2026-01-25  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46753708)



Read full article:

<https://github.com/steffest/DPaint-js>

UN Declares That the World Has Entered an Era of 'Global Water Bankruptcy'

 2026-01-25  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46754600)



Read full article:

<https://www.smithsonianmag.com/smart-news/united-nations-declares-that-the-world-has-entered-an-era-of-global-water-bankruptcy-180988045/>

UN Declares That the World Has Entered an Era of 'Global Water Bankruptcy'

 2026-01-25  1 min  2 words


HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46754600)

 Read full article:

<https://www.smithsonianmag.com/smart-news/united-nations-declares-that-the-world-has-entered-an-era-of-global-water-bankruptcy-180988045/>

Iran Protest Death Toll Could Top 30k, According to Local Health Officials

 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46754132)

 Read full article:

<https://time.com/7357635/more-than-30000-killed-in-iran-say-senior-officials/>

Iran Protest Death Toll Could Top 30k, According to Local Health Officials



mhb



2026-01-25



1

min



13

words

HACKER NEWS

Summary:

Article URL: <https://time.com/7357635/more-than-30000-killed-in-iran-say-senior-officials/>

Comments URL: [https://news.ycombinator.com/item?id=...](https://news.ycombinator.com/item?id=46754132)



Read full article:

<https://time.com/7357635/more-than-30000-killed-in-iran-say-senior-officials/>

Multimodal quantitative MRI reveals age-related biophysical alterations in the human brain across the adult lifespan



1

min



16

words

NEUROIMAGE

Summary:

Publication date: 15 February 2026

Source: NeuroImage, Volume 327

Author(s): Xiang Chen, Zhiyuan Yuan, Jie Zhang, Xiao-Yong Zhang




Read full article:

https://www.sciencedirect.com/science/article/pii/S1053811926000601?dgcid=rss_sd_all

Temporal dynamics of letter processing revealed by multivariate pattern analysis of EEG data

 1
min

 16
words


NEUROIMAGE

Summary:

Publication date: 15 February 2026

Source: Neurolmage, Volume 327


Author(s): Miguel Domingues, Susana Araújo, Tânia Fernandes, Inês Bramão

 Read full article:

https://www.sciencedirect.com/science/article/pii/S1053811926000686?dgcid=rss_sd_all

The evaluation of DUNE: a U-Net-based neural network to denoise multi-echo fMRI data

 1
min

 20
words


NEUROIMAGE

Summary:

Publication date: 15 February 2026

Source: Neurolmage, Volume 327


Author(s): Peter Van Schuerbeek, Manon Roose, Alina Monica Ionescu, Maarten Naeyaert, Hubert Raeymaekers

 Read full article:

https://www.sciencedirect.com/science/article/pii/S1053811926000674?dgcid=rss_sd_all

Neural-linguistic analysis for Alzheimer's detection: A deep learning approach informed by cognitive neuroscience

 1
min

 16
words

NEUROIMAGE

Summary: <p>Publication date: 15 February 2026</p><p>Source: NeurolImage, Volume 327</p><p>Author(s): Jianhui Lv, Shalli Rani, Keqin Li, Ning Liu</p>

 Read full article:

https://www.sciencedirect.com/science/article/pii/S1053811926000571?dgcid=rss_sd_all

An intracranial insight into (the timing of) the action observation network

 1
min

 33
words


NEUROIMAGE

Summary: <p>Publication date: 15 February 2026</p><p>Source: NeurolImage, Volume 327</p><p>Author(s): Maria Del Vecchio, Fausto Caruana, Flavia Maria Zauli, Veronica Pelliccia, Ivana Sartori, Piergiorgio d'Orio, Francesca Talami, Simone Del Sorbo, Davide Albertini, Giacomo Rizzolatti, Pietro Avanzini</...>

 Read full article:

https://www.sciencedirect.com/science/article/pii/S1053811926000327?dgcid=rss_sd_all

Bridging the Gap Between PLECS and SPICE

 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46752841)



Read full article:

<https://erickschulz.dev/posts/plecs-spice/>

ANN v3: 200ms p99 query latency over 100B vectors

 2026-01-21  1 min  2 words

HACKER NEWS



Summary: [Comments](https://news.ycombinator.com/item?id=46710747)



Read full article:

<https://turbopuffer.com/blog/ann-v3>

Bridging the Gap Between PLECS and SPICE

 eschu  17 2026-01-25  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://erickschulz.dev/posts/plecs-spice/>




Comments URL: <https://news.ycombinator.com/item?id=46752841>

Points: 4

Comments: 0

 Read full article:
<https://erickschulz.dev/posts/plecs-spice/>

Doom has been ported to an earbud

 arin-
s  17 2026-01-25  1 min  13 words

HACKER NEWS


Summary:

Article URL: <https://doombuds.com>

Comments URL: <https://news.ycombinator.com/item?id=46753484>

Points: 5

Comments: 2

 Read full article:
<https://doombuds.com>

Alarm overload is undermining safety at sea as crews face thousands of alerts



geox



2026-01-25



1
min



13
words

HACKER NEWS

Summary: <p>Article URL: https://www.lr.org/en/knowledge/press-room/press-listing/press-release/2026/alarm-over...



Read full article:

<https://www.lr.org/en/knowledge/press-room/press-listing/press-release/2026/alarm-overload-is-undermining-safety-at-sea-as-new-research-shows-crews-face-tens-of-thousands-of-daily-alerts/>

Incident updates, interruptions and the 30 minute window



fanf2



2026-01-25



1
min



13
words

HACKER NEWS

Summary: <p>Article URL: https://www.unixdaemon.net/sysadmin/incident-updates-and-interruptions/</p> <p>Comments URL: https://news.ycombinator.com/item?id=46753623...



Read full article:

<https://www.unixdaemon.net/sysadmin/incident-updates-and-interruptions/>

Pandas 3.0 vs pandas 1.0 what's the difference?



/u/

Consistent_Tutor_597



2026-01-25



1

min



155

words

REDDIT PYTHON

Summary: hey guys, I never really migrated from 1 to 2 either as all the code didn't work. now open to writing new stuff in pandas 3.0. What's the practical difference over pandas 1 in pandas 3.0? Is the performance boosts anything major? I work with large dfs often 20m+ and...



Read full article:

https://www.reddit.com/r/Python/comments/1qmfydr/pandas_30_vs_pandas_10_whats_the_difference/

Nango (YC W23, Dev Infrastructure) Is Hiring Remotely



17

2026-01-25



1

min



2

words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46753336)



Read full article:

<https://jobs.ashbyhq.com/Nango>

Nango (YC W23, Dev Infrastructure) Is Hiring Remotely

 2026-01-25  1 min  2 words

HACKER NEWS


Summary: [Comments](https://news.ycombinator.com/item?id=46753336)



Read full article:

<https://jobs.ashbyhq.com/Nango>

Show HN: TUI for managing XDG default applications

 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46753078)



Read full article:

<https://github.com/mitjafelicijan/xdgctl>

Show HN: TUI for managing XDG default applications

 2026-01-25  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46753078)



Read full article:

<https://github.com/mitjafelicijan/xdgctl>

Show HN: Bonsplit – tabs and splits for native macOS apps

 2026-01-25  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46753301)




Read full article:

<https://bonsplit.alasdairmonk.com>

Effects of immersive virtual reality and adaptive cognitive training on cognition and function in parkinson's disease mild cognitive impairment: a randomized clinical trial

 2026-01-25  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:

<https://www.nature.com/articles/s41598-025-31833-1>

BU-808: How to Prolong Lithium-based Batteries (2023)

 2026-01-23  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46729198)

 Read full article:

<https://www.batteryuniversity.com/article/bu-808-how-to-prolong-lithium-based-batteries/>

Accept_language 2.2 – RFC 7231/4647 compliant Accept-Language parsing for Ruby



cyrilllllll



17

2026-01-25



1

min



13

words

HACKER NEWS

Summary:

Article URL: https://github.com/cyril/accept_language.rb

Comments URL: <https://news.ycombinator.com/item?id=46752335>

Points: 5

Comments: 0



Read full article:

https://github.com/cyril/accept_language.rb

Show HN: Sightline – Shodan-style search for real-world infra using OSM Data



ni5arga



17

2026-01-25



1

min



110

words

HACKER NEWS

Summary:

Hi HN,

I built *Sightline*, a Shodan-style search engine for *physical-world infrastructure*.

Shodan makes it easy to explore exposed internet services. Sightline applies the same idea to the real world, using OpenStreetMap as the data source.





You can search things like: *"telecom towers...*



Read full article:

<https://github.com/ni5arga/sightline>

Hands-On with Two Apple Network Server Prototype ROMs

 todosacerdoti  2026-01-25  1 min  13 words

HACKER NEWS

Summary:





Article URL: <http://oldvcr.blogspot.com/2026/01/hands-on-with-two-apple-network-server.html>

Comments URL: <https://news.ycombinator.com/item?id=46751825>

 Read full article:

<http://oldvcr.blogspot.com/2026/01/hands-on-with-two-apple-network-server.html>

Introduction to PostgreSQL Indexes

 dlt  2026-01-25  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://dlt.github.io/blog/posts/introduction-to-postgresql-indexes/>


Comments URL: <https://news.ycombinator.com/item?id=46751826>

 Read full article:

<https://dlt.github.io/blog/posts/introduction-to-postgresql-indexes/>

Dynamic structural and metabolic changes during the epileptogenesis in the pilocarpine model of temporal lobe epilepsy: A longitudinal MRI study

 1
min

 44
words


BRAIN RESEARCH


Summary: <p>Publication date: 15 March 2026</p><p>Source: Brain Research, Volume 1875</p><p>Author(s): Luciana Ramalho Pimentel-Silva, Renata Barbosa, Alexandre Hilario Berenguer de Matos, Raphael Fernandes Casseb, Brunno Machado de Campos, Mônica Mingone Cordeiro, Juliana Francischinelli Casseb, Elay...

 Read full article:


https://www.sciencedirect.com/science/article/pii/S0006899326000387?dgcid=rss_sd_all

Integration of ethologically defined anxiety-related behaviors in the ventral hippocampus

 Li, K., Kyprou, M., Ciochi, S.

 2026-01-25

 1
min

 188
words

BIORXIV NEUROSCIENCE

Summary: Anxiety is a complex emotional state that unfolds as structured sequences of risk assessment and exploratory behaviors enabling animals to evaluate potential threats in the environment. The ventral hippocampus (vH) regulates anxiety responses, yet the neuronal substrates orchestrating specific ethol...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.24.701488v1?rss=1>

Tractometry-Based Quantification of Along-Tract White-Matter Hemispheric Asymmetry in Alzheimer's Disease



Chandio, B. Q., Feng, Y., Ba Gari, I., Alibrando, J. D., Thomopoulos, S. I., Villalon-Reina, J. E., Liou, K., Somu, S., Yoo, H., Nir, T. M., Garyfallidis, E., Luders, E., Yeh, F.-C., Jahanshad, N., Thompson, P. M.



2026-01-25



1
min



199
words

BIORXIV NEUROSCIENCE

Summary: White-matter hemispheric asymmetry is a fundamental property of human brain organization and is known to change in aging, neurodevelopment, and neurodegenerative disorders. Tractometry analyzes diffusion-derived microstructural measures along the full length of tracts, localizing changes to specific...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.23.701434v1?rss=1>

Dissociable neuronal substrates for positive and negative valence stimuli in the nucleus accumbens



Correia, R., Domingues, A. V., Aguiar, L. A. A., Cunha-Macedo, M., Vilasboas-Campos, D., Vieitas-Gaspar, N., Jungmann, R. M., Teixeira, E., Coimbra, B., Rodrigues, A. J., Soares-Cunha, C.



2026-01-25



1
min



151
words

BIORXIV NEUROSCIENCE



Summary: The nucleus accumbens (NAc) responds to both natural and artificial rewards and to aversive stimuli; however, it remains unclear whether these opposing valence signals engage distinct neuronal ensembles. Here we used Fos-CreERT2-based activity-dependent tagging to label NAc neuronal ensembles activa...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.24.701496v1?rss=1>

Hippocampal synchrony dynamically gates cortical connectivity across brain states

 2026-01-25  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS

 Read full article:


<https://www.nature.com/articles/s41598-025-31725-4>

Jurassic Park - Tablet device on Nedry's desk? (2012)

 2026-01-25  1 min  2 words




HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46752261)

 Read full article:

<https://www.therpf.com/forums/threads/jurassic-park-tablet-device-on-nedrys-desk.169883/>

German economists push for gold repatriation from U.S. vaults

 2026-01-25  1 min  2 words




HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46752112)

 Read full article:

<https://seekingalpha.com/news/4542254-german-economists-push-for-gold-repatriation-from-us-vaults>

This paper has been cited more than 6k times. It's fatally flawed.

 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46752151)

 Read full article:

<https://statmodeling.stat.columbia.edu/2026/01/22/aking/>

German economists push for gold repatriation from U.S. vaults



saubeidl



2026-01-25



1

min



13

words

HACKER NEWS

Summary:

Article URL: <https://seekingalpha.com/news/4542254-german-economists-push-for-gold-repatriation-from-us-vaults>

Comments URL: <https://news.ycombinator.com/item?id=4675211...>



Read full article:

<https://seekingalpha.com/news/4542254-german-economists-push-for-gold-repatriation-from-us-vaults>

This paper has been cited more than 6k times. It's fatally flawed.



timr



2026-01-25



1

min



13

words

HACKER NEWS

Summary:

Article URL: <https://statmodeling.stat.columbia.edu/2026/01/22/aking/>

Comments URL: <https://news.ycombinator.com/item?id=46752151>

Points: 34



Co...



Read full article:

<https://statmodeling.stat.columbia.edu/2026/01/22/aking/>

Intrinsically stretchable 2D MoS2 transistors

 2026-01-20  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46696647)



Read full article:

<https://www.nature.com/articles/s41467-026-68504-2>

Resting-state brain function and its modulation by intranasal oxytocin in antisocial personality disorder with and without psychopathy

 2026-01-25  1 min  0 words

NATURE NEUROSCIENCE SUBJECTS



Read full article:

<https://www.nature.com/articles/s41598-026-36661-5>

Caspase-3 cleaves and activates the NADase SARM1 to promote apoptosis, linking two cell death mechanisms



Jianjin ShiYe Eun KimNicolás José DeRuiterPriyanka KadavMarc Tessier-LavigneDepartment of Biology, Stanford University, Stanford, CA 94305



2026-01-23



1
min



50
words

PNAS NEUROSCIENCE

Summary: Proceedings of the National Academy of Sciences, Volume 123, Issue 4, January 2026.
SignificanceSterile alpha and HEAT/Armadillo motif containing 1 (SARM1), an NAD⁺ hydrolase, drives axon degeneration/cell death in injured axons and in many neurodegenerative disease models. SARM1 can be activa...



Read full article:

<https://www.pnas.org/doi/abs/10.1073/pnas.2528118123?af=R>

Neurochemical imaging reveals changes in dopamine dynamics with photoperiod in a seasonally social vole species

Jaewan MunKelley C. PowerNatsumi KomatsuSophia A. TomatzAnnaliese K. BeeryMarkita P. LandryaCalifornia Institute for Quantitative Biosciences, University of California, Berkeley, CA 94720bDepartment of Integrative Biology, University of California, Berkeley, CA 94720cDepartment of Bioengineering, University of Illinois Urbana-Champaign, Urbana, IL 61801dDepartment of Plant and Microbial Biology, University of California, Berkeley, CA 94720eHelen Wills Neuroscience Institute, University of California, Berkeley, CA 94720fDepartment of Neuroscience, University of California, Berkeley, CA 94720gDepartment of Chemical and Biomolecular Engineering, University of California, Berkeley, CA 94720



2026-01-23



1
min



49
words

PNAS NEUROSCIENCE

Summary: Proceedings of the National Academy of Sciences, Volume 123, Issue 4, January 2026.
SignificanceMost neurobiological insights come from traditional model organisms, which often lack the behavioral diversity found in nature. Meadow voles, in contrast, undergo seasonal shifts in social behavior ...



Read full article:

<https://www.pnas.org/doi/abs/10.1073/pnas.2509561123?af=R>

mGluR1 signaling is necessary for strengthening winner climbing fiber inputs in the developing mouse cerebellum

Miwako YamasakiTaisuke MiyazakiKouichi HashimotoNorio TakeiAtsu AibaMasanobu KanoMasahiko WatanabeaDepartment of Anatomy, Faculty of Medicine, Hokkaido University, Sapporo 060-8638, JapanbDepartment of Functioning and Disability, Faculty of Health Sciences, Hokkaido University, Sapporo 060-0812, JapancDepartment of Neurophysiology, Graduate School of Biomedical and Health Sciences, Hiroshima University, Minami-Ku, Hiroshima 734-8551, JapandInstitute for Animal Experimentation, Faculty of Medicine, Hokkaido University, Sapporo 060-8638, JapaneLaboratory of Animal Resources, Center for Disease Biology and Integrative Medicine, Graduate School of Medicine, The University of Tokyo, Tokyo 113-0033, JapanfDepartment of Neurophysiology, Graduate School of Medicine, The University of Tokyo, Tokyo 113-0033, JapangInternational Research Center for Neurointelligence, World Premier International Research Center Initiative, The University of Tokyo Institutes for Advanced Study, The University of Tokyo, Tokyo 113-0033, JapanhDivision of Complex System and Cognitive Sciences, Advanced Comprehensive Research Organization, Teikyo University, Tokyo 173-0003, Japan



2026-01-23

1
min48
words

PNAS NEUROSCIENCE

Summary: Proceedings of the National Academy of Sciences, Volume 123, Issue 4, January 2026.
SignificanceThe precise formation of neural circuits relies on both the selective strengthening of frequently used synaptic inputs and the elimination of redundant connections. In cerebellar Purkinje cells, str...



Read full article:

<https://www.pnas.org/doi/abs/10.1073/pnas.2425460123?af=R>


Pharmacological chaperones mitigate noise-induced hearing loss by attenuating sustained PERK activation

Ji Won Hong Hyehyun Min Soomin Kim Hyeong Gi Song Yujin Choi Chul Hoon Kim Jinwoong Bok Heon Yung Geea
 Department of Pharmacology, Brain Korea 21 Project for Medical Science, Yonsei University College of Medicine, Seoul 03722, Republic of Korea
 Department of Anatomy, Brain Korea 21 Project for Medical Science, Yonsei University College of Medicine, Seoul 03722, Republic of Korea
 Department of Otorhinolaryngology, Yonsei University College of Medicine, Seoul 03722, Republic of Korea
 Won-Sang Lee Institute for Hearing Loss, Seoul 03722, Republic of Korea
 Woo Choo Lee Institute for Precision Drug Development, Seoul 03722, Republic of Korea

17 2026-01-23 1 min 47 words


PNAS NEUROSCIENCE


Summary: Proceedings of the National Academy of Sciences, Volume 123, Issue 4, January 2026.
 Significance The current lack of clarity regarding the molecular pathways underlying Noise-induced hearing loss (NIHL) represents a significant obstacle to the development of therapeutic drugs for this condition...

 Read full article:

<https://www.pnas.org/doi/abs/10.1073/pnas.2421591123?af=R>

Leaving the Roblox bubble: Just built my first Python automation tool to organize files!

 /u/Express-Beautiful-80

 2026-01-25

 1 min

 177 words


REDDIT PYTHON

Summary: <!-- SC_OFF --><div class="md"><p>Olá a todos!</p> <p>Por muito tempo, estive focado no Roblox Studio (Lua), mas recentemente decidi que era hora de sair da minha zona de conforto e começar a aprender Python para me preparar para o mercado mais amplo de desenvolve...


 Read full article:

https://www.reddit.com/r/Python/comments/1qm59cc/leaving_the_roblox_bubble_just_built_my_first/

Deutsche Telekom is violating Net Neutrality

 2026-01-25

 1 min

 2 words




HACKER NEWS

Summary: Comments

 Read full article:

<https://netzbremse.de/en/>

The coming war on Car Ownership

 2026-01-25  1 min  2 words

HACKER NEWS





Summary: [Comments](https://news.ycombinator.com/item?id=46752076)



Read full article:

<https://geohot.github.io/blog/jekyll/update/2026/01/25/war-on-car-ownership.html>

Show HN: AutoShorts – Local, GPU-accelerated AI video pipeline for creators

 divyaprakash  2026-01-25  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://github.com/divyaprakash0426/autosHORTS>

Comments URL: <https://news.ycombinator.com/item?id=46751675>

Points: 4




Comments: 1



Read full article:

<https://github.com/divyaprakash0426/autosHORTS>

Deutsche Telekom is violating Net Neutrality

 tietjens  17 2026-01-25  1 min  13 words

HACKER NEWS


Summary:

Article URL: <https://netzbremse.de/en/>





Comments URL: <https://news.ycombinator.com/item?id=46751899>

Points: 7

Comments: 0

 Read full article:
<https://netzbremse.de/en/>

The coming war on Car Ownership

 tea_drinker  17 2026-01-25  1 min  13 words

HACKER NEWS



Summary:

Article URL: <https://geohot.github.io/blog/jekyll/update/2026/01/25/war-on-car-ownership.html>

Comments URL: <https://news.ycombinator.com/item?id=46752076>

 Read full article:
<https://geohot.github.io/blog/jekyll/update/2026/01/25/war-on-car-ownership.html>

What Ralph Wiggum loops are missing

 xR0am  2026-01-25  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://xr0am.substack.com/p/what-ralph-wiggum-loops-are-missing>





Comments URL: <https://news.ycombinator.com/item?id=46750937>

Points...

 Read full article:

<https://xr0am.substack.com/p/what-ralph-wiggum-loops-are-missing>

Like digging 'your own grave': The translators grappling with losing work to AI

 myk-e  2026-01-25  1 min  13 words

HACKER NEWS

Summary:


Article URL: <https://www.cnn.com/2026/01/23/tech/translation-language-jobs-ai-automation-intl>


Comments URL: <https://news.ycombinator.com/item?id=46751835>

 Read full article:


<https://www.cnn.com/2026/01/23/tech/translation-language-jobs-ai-automation-intl>

Spatially resolved transcriptome-metabolome integration reveals region-specific glial lipid dysregulation associated with Alzheimer's pathology

 Xu, L., Yang, H., Leon, J., Li, X., Oehler, A., Modavi, C., Abate, A. R., Condello, C.

 2026-01-25

 1 min

 208 words


BIORXIV NEUROSCIENCE


Summary: Glial cells maintain the brain's lipid and energy balance, and their breakdown is increasingly recognized as a causal contributor to Alzheimer's disease (AD). While this concept is established, no approach has directly shown how glial homeostatic failure manifests across brain regions and microenvir...

 Read full article:


<https://www.biorxiv.org/content/10.64898/2026.01.23.701345v1?rss=1>

The compositional nature of the human alpha rhythm

 Menetrey, M. Q., Pascucci, D.

 2026-01-25

 1 min

 156 words




BIORXIV NEUROSCIENCE

Summary: Resting-state brain activity is dominated by oscillations in the alpha band (8-13 Hz). The dominant frequency within this band, the individual alpha peak frequency (IAPF), has been widely used as a global marker of inter-individual variability in perceptual and cognitive functions, as well as clinic...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.24.701499v1?rss=1>

AI won't take your job. A guy with a \$599 Mac Mini and Claude will

 2026-01-25  1 min  2 words




HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46750927)

 Read full article:

<https://webmatrices.com/post/ai-won-t-take-your-job-a-guy-with-a-599-mac-mini-and-claude-will>

AI won't take your job. A guy with a \$599 Mac Mini and Claude will

 bishwasbh  2026-01-25  1 min  13 words

HACKER NEWS

Summary:




Article URL: <https://webmatrices.com/post/ai-won-t-take-your-job-a-guy-with-a-599-mac-mini-and-claude-will>

Comments URL: [https...](https://news.ycombinator.com/item?id=46750927)

 Read full article:

<https://webmatrices.com/post/ai-won-t-take-your-job-a-guy-with-a-599-mac-mini-and-claude-will>

Google confirms 'high-friction' sideloading flow is coming to Android

 2026-01-20  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46688804)

 Read full article:

<https://www.androidauthority.com/google-sideloading-android-high-friction-process-3633468/>

Vortex Support in DuckDB

 0x1997  2026-01-25  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://duckdb.org/2026/01/23/duckdb-vortex-extension>

Comments URL: <https://news.ycombinator.com/item?id=46750024>




Points: 14

Comments...

 Read full article:

<https://duckdb.org/2026/01/23/duckdb-vortex-extension>

A Lament for Aperture

 2026-01-21  1 min  2 words


HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46699697)

 Read full article:

<https://ikennd.ac/blog/2026/01/old-man-yells-at-modern-software-design/>

Ketone bodies mitigate against systemic inflammation-induced changes in brain energy metabolism and delirium-like deficits in aged mice

 Hollier, P.-L., Chui, K. M. K., Cuitavi, J., Denver, P., Delaney, H. J., Newman, J. C., Cunningham, C.

 2026-01-24  1 min  197 words


BIORXIV NEUROSCIENCE



Summary: Acute systemic inflammation affects brain function, with detrimental consequences in aged individuals. These include delirium, an acute neuropsychiatric syndrome characterized by fluctuating disturbances in attention, perception and cognition. Delirium is associated with disrupted brain energy metab...


 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.22.701114v1?rss=1>

Δ^9 -Tetrahydrocannabinol-induced enhancement of reward responsivity via mesocorticolimbic modulation in squirrel monkeys

 Hur, K.-H., Nickerson, L. D., Bergman, J., Stover, J., Kohut, S. J.

 2026-01-24  1 min

 249 words



BIORXIV NEUROSCIENCE

Summary: Delta-9-tetrahydrocannabinol (THC)-containing products are widely used recreationally, partly due to THC's ability to enhance the appetitive (i.e., rewarding) properties of diverse stimuli. However, the neural mechanisms through which THC modulates reward-related processing remain poorly understood....

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.22.701118v1?rss=1>

Palantir has no place in UK public services

 2026-01-25  1 min  2 words




HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46750852)

 Read full article:

<https://www.opendemocracy.net/en/zarah-sutlana-palantir-no-place-uk-public-services-ministry-of-defence/>

Palantir has no place in UK public services

 2026-01-25  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46750852)

 **Read full article:**

<https://www.opendemocracy.net/en/zarah-sutlana-palantir-no-place-uk-public-services-ministry-of-defence/>

TikTok is officially US-owned for American users, here's what's changing

 WaitWaitWha  2026-01-25  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://9to5mac.com/2026/01/23/tiktok-is-officially-us-owned-for-american-users-heres-whats-changing/>

Comments URL: <https://news.ycombinator.com/item?id...>

 **Read full article:**

<https://9to5mac.com/2026/01/23/tiktok-is-officially-us-owned-for-american-users-heres-whats-changing/>

PRO-FitS: a novel phenotypic assay to identify enhancers of proteostasis in *C. elegans*



Vilasboas-Campos, D., Fernandes, J. H., Costa, M. D., Pereira-Sousa, J., Lopes, J., Costa-Meireles, L., Ferreira-Lomba, B., Da Silva, J. D., Maciel, P., Teixeira-Castro, A.



2026-01-24



1
min



160
words

BIORXIV NEUROSCIENCE

Summary: The prevalence of neurodegenerative diseases (NDs) continues to rise with the aging of populations worldwide, representing a pressing need for the establishment of therapeutic strategies. Maintaining proteostasis is crucial for healthy aging, as the accumulation of misfolded and aggregated proteins ...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.22.701023v1?rss=1>

Exogenously driven neural reactivation of spatially matching visual working-memory contents



Fuentes-Guerra, A., Martin-Arevalo, E., van Ede, F., Gonzalez-Garcia, C.



2026-01-24



1
min



225
words

BIORXIV NEUROSCIENCE

Summary: Selective attention is often divided into voluntary (goal-directed) and involuntary (stimulus-driven) forms, a distinction extensively studied for attention to external sensory input. In contrast, internal selective attention--directed toward representations held in working memory (WM)--has been con...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.22.701110v1?rss=1>

State-Dependent Dissociation of Shared Input and Directed Information Flow in the Visual Cortex



Xue, Y., Morton, M. P., Nandy, A. S., Jadi, M. P.



2026-01-24



1 min



147 words

BIORXIV NEUROSCIENCE

Summary: Understanding how brain state and sensory input shape inter-laminar communication is essential for interpreting cortical population dynamics. Using laminar recordings in macaque V1, we apply reduced-rank regression to quantify low-dimensional predictive subspaces linking Input and Superficial layers...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.22.701042v1?rss=1>

Primate-informed neural network for visual decision-making



Jie SuFang CaiShu-Kuo ZhaoXin-Yi WangTian-Yi QianDa-Hui WangBo HongaQiyuan Laboratory, Beijing 100095, ChinaSchool of Systems Science & State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, Beijing 100875, China



2026-01-09



1 min



47 words

PNAS NEUROSCIENCE

Summary: Proceedings of the National Academy of Sciences, Volume 123, Issue 2, January 2026.
SignificanceBiologically inspired neural networks offer interpretability but often underperform deep learning models due to limited optimization strategies. Here, we developed a model inspired by the primate do...



Read full article:

<https://www.pnas.org/doi/abs/10.1073/pnas.2426883123?af=R>

Kontra: a Python library for data quality validation on files and databases



/u/

Particular_Panda_295



2026-01-24



1

min



249

words

REDDIT PYTHON

Summary: <!-- SC_OFF --><div class="md"><h1>What My Project Does</h1> <p>Kontra is a data quality validation library and CLI. You define rules in YAML or Python and run them against datasets(Parquet, Postgres, SQL SERVER, CSV), and get back violation counts, sampled failing rows, and more.</p> <p>It is desi...



Read full article:

https://www.reddit.com/r/Python/comments/1qlzqt2/kontra_a_python_library_for_data_quality/

Second Win11 emergency out of band update to address disastrous Patch Tuesday



2026-01-25



1

min



2

words

HACKER NEWS


Summary: Comments



Read full article:

<https://www.windowscentral.com/microsoft/windows-11/windows-11-second-emergency-out-of-band-update-kb5078127-released-address-outlook-bugs>

Show HN: VM-curator – a TUI alternative to libvirt and virt-manager




 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46750437)

 Read full article:
<https://github.com/mroboff/vm-curator>

David Patterson: Challenges and Research Directions for LLM Inference Hardware



 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46750214)

 Read full article:
<https://arxiv.org/abs/2601.05047>

The Responsibility of Intellectuals

 2026-01-25  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46750485)

 Read full article:

<https://www.nybooks.com/articles/1967/02/23/a-special-supplement-the-responsibility-of-intelle/>

David Patterson: Challenges and Research Directions for LLM Inference Hardware

 transpute  2026-01-25  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://arxiv.org/abs/2601.05047>

Comments URL: <https://news.ycombinator.com/item?id=46750214>

Points: 9

Comments: 0

 Read full article:

<https://arxiv.org/abs/2601.05047>

Second Win11 emergency out of band update to address disastrous Patch Tuesday



speckx



2026-01-25



1
min



13
words

HACKER NEWS

Summary: <p>Article URL: https://www.windowscentral.com/microsoft/windows-11/windows-11-second-emergency-out-of-band-update-kb5078127-released-address-outlook-b...



Read full article:

<https://www.windowscentral.com/microsoft/windows-11/windows-11-second-emergency-out-of-band-update-kb5078127-released-address-outlook-bugs>

Show HN: VM-curator – a TUI alternative to libvirt and virt-manager



theYipster



2026-01-25



1
min



227
words

HACKER NEWS




Summary: <p>I've long wanted to harness QEMU/KVM for my desktop virtual machines, but I'm befuddled by virt-manager's lack of support for working NVIDIA 3D acceleration, dogmatic embrace of ugly XML, and the puzzling UI decision of having to click what seems like 15 buttons to attach an ISO to a VM image. Wh...



Read full article:

<https://github.com/mroboff/vm-curator>

The Responsibility of Intellectuals

 andsoitis  2026-01-25  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://www.nybooks.com/articles/1967/02/23/a-special-supplement-the-responsibility-of-intelle/>



Comments URL: <https://news.ycombinator.com/item?id=46750485>


 Read full article:

<https://www.nybooks.com/articles/1967/02/23/a-special-supplement-the-responsibility-of-intelle/>

Hippocampal tangential insertions of high-density silicone probes in head-fixed mice enhance spatial sampling

 Kala, A., Evander, V., Tukker, J., Kremkow, J., Schmitz, D., Sibille, J.

 2026-01-24  1 min

 379 words


BIORXIV NEUROSCIENCE

Summary: The hippocampus is a key structure within the medial temporal lobe which plays a central role in the formation and consolidation of declarative memories. Despite technological progress, a full understanding of hippocampal rhythms, neuronal population activity, and the underlying connectivity remain ...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.22.701007v1?rss=1>

Virtual prototyping of non-invasive spinal cord electrical stimulation targeting upper limb motor function

Alashqar, A., Brihmat, N., Gemar, V., Hu, Z., Koh, S.-R., Diaz-Pier, S., de Freitas, R., Sasaki, A.,
 Milosevic, M., Keeseey, R., Seanez, I., Neufeld, E., Cassoudesalle, H., Hofstötter, U., Minassian, K.,
 Wagner, F., Rowald, A.

 2026-01-24  1 min  175 words

BIORXIV NEUROSCIENCE

Summary: Transcutaneous spinal cord stimulation (tSCS) applied over the cervical or lumbar spinal cord facilitates motor function after paralysis. However, emerging electrophysiological evidence indicates mechanistic differences between cervical and lumbar tSCS and across different cervical tSCS paradigms. T...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.22.701010v1?rss=1>

When the brightest is not the best: illuminant estimation from the geometry of specular highlights

 Morimoto, T., Lee, R. J., Smithson, H.
 E.

 2026-01-24  1 min  273 words

BIORXIV NEUROSCIENCE

Summary: Color constancy allows us to perceive stable object colors under different lighting conditions by reducing the impact of lighting. Information about illuminant color could be derived from a white surface or a specular highlight. The 'brightest is white' heuristic has been frequently incorporated in ...

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.22.700600v1?rss=1>

Uncovering Dynamic Neural Information Flow with Continuous-Time Weighted Dynamic Bayesian Networks



Sheffield, A. G., Denagamage, S., Morton, M. P., Nandy, A. S., Jadi, M. P.



2026-01-24



1 min



149 words

BIORXIV NEUROSCIENCE

Summary: Understanding how information dynamically flows within neural systems is a crucial problem in neuroscience. Traditional approaches often assume stationary or quasi-stationary functional networks, which fail to capture the time-varying dynamics of interactions among neural variables. To address this ...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.22.701045v1?rss=1>

Microbiopsy of living mouse brain for longitudinal molecular profiling



Hoyningen, A., Ramisch, A., Fellouse, L., Hiver, A., Lingenberg, A., Luscher, C., Marion-Poll, L.



2026-01-24



1 min



119 words

BIORXIV NEUROSCIENCE


Summary: This study presents a stereotactic microbiopsy technique for sampling defined brain regions in living mice, enabling transcriptomic and epigenomic analyses without sacrificing the animal. The method will allow pre-intervention tissue collection, making it possible to separate preexisting molecular d...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.22.701044v1?rss=1>

The *C. elegans* nervous system reads the internal state of the hydrogen peroxide-detoxification machinery to trigger escape from this common reactive chemical

Xu, Y., Gangadharan, S., Seyedolmohadesin, M., Gebeyaw, E., Fulton, A., Ashih, C. D., Duncan, M.,
 Zelich, M., Liu, J., Torkashvand, M., Shaw, D., Gusarova, K., Macwan, M., Kelly, A., Beslic, I., Sood, A.,
Liu, O., Scholz, M., Venkatachalam, V., Apfeld, J.

 2026-01-24  1 min  186 words

BIORXIV NEUROSCIENCE

Summary: Hydrogen peroxide (H₂O₂) is the most common reactive chemical threat faced by organisms. Here, we map the neural circuit that drives chemotactic escape from environmental H₂O₂ in the nematode *C. elegans*. Twenty-four neuron classes with sensory endings at the mouth and nose of the animal detect H₂O₂....

 Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.22.701078v1?rss=1>

Understanding corticosterone fluctuations and HPA-axis regulation in a mouse model of Spinocerebellar ataxia type 3



Correia, J. S., Monteiro-Fernandes, D., Guerreiro, S., Ferreira-Lomba, B., Cunha-Garcia, D., Gomes, P. A., Teixeira-Castro, A., Maciel, P., Duarte-Silva, S.



2026-01-24



1
min



294
words

BIORXIV NEUROSCIENCE

Summary: Spinocerebellar ataxia type 3 (SCA3) or Machado-Joseph Disease (MJD) is a neurodegenerative disease caused by a CAG triplet expansion in the ATXN3 gene, primarily characterized by motor impairments. However, SCA3/MJD also includes mood-related comorbidities that affect both patients and their caregi...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.22.701070v1?rss=1>

Non-viral vasculogenic reprogramming restores cognition and mitigates pathology in Alzheimer's disease

Alzate-Correa, D., Stranan, J., Rincon-Benavides, M. A., Areiza-Mazo, N., Narvaez-Perez, L. F., Garrido, S. J., Nguyen, T., Patel, R., Lawrence, W. R., Diaz-Starokozheva, L., Salazar-Puerta, A. I., Tran, A., Valentine, A., Mendonca, N. C., Seline, O., Yu, J., Ripsky, S., Hagan, M., Piatkowski, S., Fitzgerald, J., Zhao, F., Cuellar-Gaviria, T. Z., Lonser, R., Askwith, C., Higueta-Castro, N., Kokiko-Cochran, O., Gallego-Perez, D.



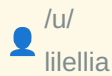
2026-01-24

1
min222
words
BIORXIV NEUROSCIENCE

Summary: Alzheimer's Disease (AD) is characterized by progressive cognitive decline associated with amyloid-beta (A β) plaques, neurofibrillary tangles, inflammation, synaptic loss, and profuse neuronal death. Accumulating evidence demonstrates that cerebrovascular impairment precedes the emergence of ne...


Read full article:
<https://www.biorxiv.org/content/10.64898/2026.01.22.700900v1?rss=1>

argspec: a succinct, type-safe, declarative command line argument parser



/u/

lilellia



2026-01-24



3

min



648

words

REDDIT PYTHON

Summary: <!-- SC_OFF --><div class="md"><p>GitHub Repo pypi</p><h2>What My Project Does</h2> <p><code>argspec</code> is a declarative, type-driven CLI parser that aims to cast and validate arguments as succinctl...



Read full article:

https://www.reddit.com/r/Python/comments/1qm2gl5/argspec_a_succinct_typesafe_declarative_command/

Draig, a Welsh Programming Language



2026-01-22



1

min



2

words

HACKER NEWS




Summary: Comments



Read full article:

<https://raku.land/zef:l10n/L10N::CY>

Alex Honnold completes Taipei 101 skyscraper climb without ropes or safety net

 2026-01-25  1 min  2 words

HACKER NEWS



Summary: [Comments](https://news.ycombinator.com/item?id=46750470)



Read full article:

<https://www.cnn.com/sport/live-news/taiwan-alex-honnold-climb-taipei-101-01-25-26-intl-hnk>

nvidia-smi hangs indefinitely after ~66 days

 2026-01-25  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46750425)



Read full article:

<https://github.com/NVIDIA/open-gpu-kernel-modules/issues/971>

Alex Honnold completes Taipei 101 skyscraper climb without ropes or safety net



keepamovin



2026-01-25



1

min



13

words

HACKER NEWS

Summary:

Article URL: <https://www.cnn.com/sport/live-news/taiwan-alex-honnold-climb-taipei-101-01-25-26-intl-hnk>

Comments URL: <https://news.ycombinator.com/item?id=46750470>



Read full article:

<https://www.cnn.com/sport/live-news/taiwan-alex-honnold-climb-taipei-101-01-25-26-intl-hnk>

Gamma oscillations across recording scales show a preference for saturated long-wavelength (reddish) hues in the primate visual cortex

Biswas, A., Ray,
S.

2026-01-24



1

min



239

words

BIORXIV NEUROSCIENCE

Summary: Stimulus-induced narrowband gamma oscillations (30-70 Hz) arise due to excitatory-inhibitory interactions and have been proposed to carry feedforward prediction errors during visual processing. However, the dependence of gamma on stimulus color is not well characterized, with some studies showing a ...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.22.701022v1?rss=1>

The ApoC2 mimetic peptide D6PV enhances remyelination by stimulating oxidative phosphorylation in oligodendrocytes

Moonen, B., Bolkaerts, L., Poelmans, K., Wouters, F., Kuipers, K., Guns, J., Verberk, S. G. S., Wolfs, E., Doering, Y., Jansen, Y., Vanmierlo, T., Dierckx, T., Gibson, E., Wolska, A., Reimund, M., Remaley, A. T., Loix, M., Hendriks, J. J. A., Bogie, J. F. J., Vanherle, S.



2026-01-24



1

min



158

words

BIORXIV NEUROSCIENCE

Summary: Failure of remyelination drives neurodegeneration in demyelinating disorders such as multiple sclerosis (MS), with disrupted lipid handling and metabolic stress in oligodendrocyte precursor cells (OPCs) posing major barriers to repair. Here, we identify the dual ApoC-II mimetic- ApoC-III antagonist ...



Read full article:

<https://www.biorxiv.org/content/10.64898/2026.01.22.701034v1?rss=1>

I built a tool that "learns" your codebase patterns. Plot twist: zero AI involved. Just AST parsing



/u/

Fluffy_Citron3547



2026-01-25



2

min



468

words

REDDIT PYTHON

Summary: <!-- SC_OFF --><div class="md"><p>I spent the last six months teaching myself to orchestrate engineering codebases using AI agents. What I found is that the biggest bottleneck isn't intelligence it's the context window. Why have we not given agents the proper tooling to defeat this limitation? Agent...



Read full article:

https://www.reddit.com/r/Python/comments/1qm3ags/i_built_a_tool_that_learns_your_codebase_patterns/

High-bandwidth flash progress and future

 2026-01-21  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46700384)



Read full article:

<https://blocksandfiles.com/2026/01/19/a-window-into-hbf-progress/>

Two Weeks Until Tapeout

 2026-01-25  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46749671)



Read full article:

https://essenceia.github.io/projects/two_weeks_until_tapeout/

Adoption of EVs tied to real-world reductions in air pollution: study

 2026-01-25  1 min  2 words



HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46749198)

 Read full article:

<https://keck.usc.edu/news/adoption-of-electric-vehicles-tied-to-real-world-reductions-in-air-pollution-study-finds/>

We X-Rayed a Suspicious FTDI USB Cable

 2026-01-24  1 min  2 words


HACKER NEWS


Summary: [Comments](https://news.ycombinator.com/item?id=46749053)

 Read full article:

<https://eclipsium.com/blog/xray-counterfeit-usb-cable/>

Europe wants to end its dangerous reliance on US internet technology

 DyslexicAtheist

 2026-01-24

 1
min

 13
words

HACKER NEWS

Summary:

Article URL: <https://theconversation.com/europe-wants-to-end-its-dangerous-reliance-on-us-internet-technology-274042>


Comments URL: <https://news.ycombinator.com/ite...>

 Read full article:

<https://theconversation.com/europe-wants-to-end-its-dangerous-reliance-on-us-internet-technology-274042>

We X-Rayed a Suspicious FTDI USB Cable

 aa_is_op

 2026-01-24

 1
min

 13
words

HACKER NEWS

Summary:

Article URL: <https://eclypsium.com/blog/xray-counterfeit-usb-cable/>

Comments URL: <https://news.ycombinator.com/item?id=46749053>

Points: 44

Commen...

 Read full article:

<https://eclypsium.com/blog/xray-counterfeit-usb-cable/>

Adoption of EVs tied to real-world reductions in air pollution: study



hhs



2026-01-25



1

min



13

words

HACKER NEWS

Summary:

Article URL: <https://keck.usc.edu/news/adoption-of-electric-vehicles-tied-to-real-world-reductions-in-air-pollution-study-finds/>

Comments URL: <https://...>



Read full article:

<https://keck.usc.edu/news/adoption-of-electric-vehicles-tied-to-real-world-reductions-in-air-pollution-study-finds/>

Tesla unsupervised Robotaxis are nowhere to be found



TheAlchemist



2026-01-25



1

min



13

words

HACKER NEWS

Summary:

Article URL: <https://lightbrd.com/ZacksJerryRig/status/2015119993428705575#m>

Comments URL: <https://news.ycombinator.com/item?id=46749319>

Points: ...



Read full article:

<https://lightbrd.com/ZacksJerryRig/status/2015119993428705575#m>

If the Cops Are Unlawfully Shooting at Me, Can I Shoot Back? [video]



MPSimmons



2026-01-25



1

min



13

words

HACKER NEWS

Summary:

Article URL: <https://www.youtube.com/watch?v=7H3UTmFsE6g>

Comments URL: <https://news.ycombinator.com/item?id=46749684>

Points: 11

Comments: 0



Read full article:

<https://www.youtube.com/watch?v=7H3UTmFsE6g>

Monthly Updates [January]



2026-01-01



5

min



1122

words

FMHY

Summary:

INFO

These update threads only contains major updates. If you're interested in seeing all minor changes you can follow our [Commits Page](https://github.com/fmhy/FMHYedit/commits/main) on ...



Read full article:

<https://fmhy.net/posts/jan-2026>

Score exacte FIFA virtuelle 24 4x4

/u/
No_Marsupial9443

17 2026-01-24

1
min

87
words

REDDIT PYTHON

Summary: <!-- SC_OFF --><div class="md"><p>Je veux que mon application soit installable et une application de pronostic FIFA virtuelle 24 4x4 dans le jeux. Sur les côtes donne par le bookmaker 1XBET selon les histoires des scores exacte du dernier événement et leurs côtes, et une fois que je lui donne les c...

 Read full article:

https://www.reddit.com/r/Python/comments/1qm1swm/score_exacte_fifa_virtuelle_24_4x4/

Web scraping - change detection (scrapes the underlying APIs not just raw selectors)

/u/Ready-
Interest-1024

17 2026-01-24

1
min

243
words


REDDIT PYTHON


Summary: <!-- SC_OFF --><div class="md"><p>I was recently building a RAG pipeline where I needed to extract web data at scale. I found that many of the LLM scrapers that generate markdown are way too noisy for vector DBs and are extremely expensive.</p><p>What My Project Does
 I ended ...

 Read full article:


https://www.reddit.com/r/Python/comments/1qm1uz3/web_scraping_change_detection_scrapes_the/

How I went down a massive rabbit hole and ended up building 4 libraries

 /u/
_unknownProtocol

 2026-01-24

 4
min

 877
words


REDDIT PYTHON

Summary: A few months ago, I was in between jobs and hacking on a personal project just for fun. I built one of those automated video generators using an LLM. You know the type: the LLM writes a script, TTS narrates it, stock footage is grabbed, and it's all stitched together...


 Read full article:

[https://www.reddit.com/r/Python/comments/1qm1kxu/
how_i_went_down_a_massive_rabbit_hole_and_ended/](https://www.reddit.com/r/Python/comments/1qm1kxu/how_i_went_down_a_massive_rabbit_hole_and_ended/)

Amazon braces for another major round of layoffs, 14,000 jobs at risk

 2026-01-24

 1
min

 2
words



HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46748603)

 Read full article:

<https://mynorthwest.com/local/amazon-layoffs-14000-jobs-at-risk/4192118>

Amazon braces for another major round of layoffs, 14,000 jobs at risk

 2026-01-24  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46748603)

 Read full article:

<https://mynorthwest.com/local/amazon-layoffs-14000-jobs-at-risk/4192118>

Poland's energy grid was targeted by never-before-seen wiper malware

 Bender  2026-01-24  1 min  13 words

HACKER NEWS

Summary:


Article URL: <https://arstechnica.com/security/2026/01/wiper-malware-targeted-poland-energy-grid-but-failed-to-knock-out-electricity/>

Comments URL: [...](#)

 Read full article:


<https://arstechnica.com/security/2026/01/wiper-malware-targeted-poland-energy-grid-but-failed-to-knock-out-electricity/>

Easily download files from the Open Science Framework with Papercheck

 noreply@blogger.com (Daniel Lakens)

 2025-07-22

 3 min

 765 words


TWENTY PERCENT STATISTICIAN

Summary: Researchers increasingly use the [Open Science Framework](https://osf.io/) (OSF) to share files, such as data and code underlying scientific publications, or presentations and materials for scientific workshops. The OSF is an amazing service that has contributed immensely to a changed ...

 Read full article:

<http://daniellakens.blogspot.com/2025/07/easily-download-files-from-open-science.html>

The Writers Came at Night

 2026-01-24

 1 min

 2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46747777)

 Read full article:

<https://www.metropolitanreview.org/p/the-writers-came-at-night>

The Writers Came at Night

 ctoth  17 2026-01-24  1 min  13 words


HACKER NEWS

Summary:

Article URL: <https://www.metropolitanreview.org/p/the-writers-came-at-night>





Comments URL: <https://news.ycombinator.com/item?id=46747777>

Points: 10...

 Read full article:

<https://www.metropolitanreview.org/p/the-writers-came-at-night>

New Papers: Optimal Filter Settings for ERP Research

 Steve Luck  17 2024-02-04  2 min  568 words

ERP BOOT CAMP

Summary:

Zhang, G., Garrett, D. R., & Luck, S. J. (in press). Optimal filters for ERP research I: A general approach for selecting filter settings. *Psychophysiology*. <https://doi.org/10.1111/psyp.14531> [<https://www...>

 Read full article:

<https://erpinfo.org/blog/2024/2/4/optimal-filters>

Education: Social and Cultural Issues



Adriel
Carridice



2025-02-05



1
min



61
words

BRAIN

Summary: Devices that therapeutically aid users with cognitive and learning disabilities/differences should not be equally applied to a general population seeking learning advantages. It must not be assumed that therapies able to improve cognition for mental and cognitive disorders (such as executive control...



Read full article:

<https://brain.ieee.org/publications/neuroethics-framework/education/education-social-and-cultural-issues/education-social-and-cultural-issues/>

Q&A with Dr. Richard Carson, Professor of Biomedical Engineering and Radiology & Biomedical Imaging, Yale University and Yale School of Medicine



Adriel
Carridice



2025-11-04



1
min



0
words



BRAIN




Read full article:

<https://brain.ieee.org/podcasts/qa-with-dr-richard-carson-professor-of-biomedical-engineering-and-radiology-biomedical-imaging-yale-university-and-yale-school-of-medicine/>

IEEE Reviews in Biomedical Engineering (R-BME)

 2025-01-28  1 min  1 words

REVIEWS BIOMEDICAL ENGINEERING

 Read full article:

<http://ieeexplore.ieee.org/document/10856219>

Investigations on the effects of SH2B2 on Parkinson's disease based on its *in vivo* and *in vitro* neurotoxic model

 1 min  14 words

NEUROSCIENCE JOURNAL

Summary:

Publication date: 5 March 2026

Source: Neuroscience, Volume 596


Author(s): Lihui Zhao, Ke Han, Lifeng Sun

 Read full article:

https://www.sciencedirect.com/science/article/pii/S0306452225012369?dgcid=rss_sd_all

Advances in how the peripheral immune system interacts with the brain in health and disease

 1
min

 17
words

NEUROSCIENCE JOURNAL


Summary: <p>Publication date: 5 March 2026</p><p>Source: Neuroscience, Volume 596</p><p>Author(s): Victor Manuel Ruiz-Rodríguez, Ares Orlando Cuellar-Santoyo, Ana María Estrada-Sánchez</p>

 Read full article:


https://www.sciencedirect.com/science/article/pii/S0306452225012266?dgcid=rss_sd_all

Generate OpenAI Embeddings Locally with MiniLM (70x Cost Saving / Speed Improvement)

 /u/Interesting-Town-433

 2026-01-24

 3
min

 722
words



REDDIT PYTHON

Summary: <!-- SC_OFF --><div class="md"><p>[This is my 2nd attempt at a post here; dear moderators, I am not an AI! ... at least I don't think I am]</p> <p>What My Project Does: E...

 Read full article:

https://www.reddit.com/r/Python/comments/1qlx02c/generate_openai_embeddings_locally_with_minilm/

First Design Engineer Hire – Build Games at Gym Class (YC W22)

 2026-01-24  1 min  2 words




HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46747625)

 Read full article:

<https://www.ycombinator.com/companies/gym-class-by-irl-studios/jobs/ywXHGBv-design-engineer-senior-staff-principal>

Bye Bye Gmail

 2026-01-24  1 min  2 words



HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46746946)

 Read full article:

<https://m24tom.com/bye-bye-gmail/show>

I added a Bluesky comment section to my blog

 2026-01-24  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46747366)

 Read full article:

<https://micahcantor.com/blog/bluesky-comment-section.html>

Show HN: Polymcp – Turn Any Python Function into an MCP Tool for AI Agents

 justvugg  2026-01-24  1 min  224 words

HACKER NEWS

Summary:


I built Polymcp, a framework that allows you to transform any Python function into an MCP (Model Context Protocol) tool ready to be used by AI agents. No rewriting, no complex integrations.

Examples

Simple function:

```
from polymcp.polymcp_toolkit import expose_tools_http
```

```
def add(a: int, b: ...
```

 Read full article:

<https://news.ycombinator.com/item?id=46746700>

Bye Bye Gmail

tklenke  2026-01-24  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://m24tom.com/bye-bye-gmail/show>


Comments URL: <https://news.ycombinator.com/item?id=46746946>

Points: 42

Comments: 20

 Read full article:
<https://m24tom.com/bye-bye-gmail/show>

Show HN: JSciPy – SciPy-inspired signal processing library for Java and Android

hissain  2026-01-24  1 min  47 words

HACKER NEWS





Summary:

jSciPy is an open-source Java signal processing and scientific computing library inspired by SciPy. It focuses on FFT, filters, PSD, STFT, DCT and Android compatibility, aiming to fill the gap for DSP-heavy workloads on JVM and Android.

Comments URL: <https://news.ycombinator.com/item?id=46746946>

 Read full article:
<https://github.com/hissain/jscipy>

I added a Bluesky comment section to my blog

 hydroxideOH-  2026-01-24  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://micahcantor.com/blog/bluesky-comment-section.html>

Comments URL: <https://news.ycombinator.com/item?id=46747366>



Points: 39

...

 Read full article:

<https://micahcantor.com/blog/bluesky-comment-section.html>

First Design Engineer Hire – Build Games at Gym Class (YC W22)

 hackerews  2026-01-24  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://www.ycombinator.com/companies/gym-class-by-irl-studios/jobs/ywXHGBv-design-engineer-senior-staff-principal>


Comments URL: <https://ne...>

 Read full article:

<https://www.ycombinator.com/companies/gym-class-by-irl-studios/jobs/ywXHGBv-design-engineer-senior-staff-principal>


Aperiodic slope reflects glutamatergic tone in the human brain

 1
min

 34
words

BRAIN RESEARCH


Summary: <p>Publication date: 1 March 2026</p><p>Source: Brain Research, Volume 1874</p><p>Author(s): Aislin A. Sheldon, Hannah R. Moser, Kamar S. Abdullahi, Karly D. Allison, Carter B. Mulder, Samantha A. Montoya, Scott R. Sponheim, Małgorzata Marjańska, Michael-Paul Schallmo</p>

 Read full article:


https://www.sciencedirect.com/science/article/pii/S0006899326000193?dgcid=rss_sd_all

Author Correction: Choroid plexus apocrine secretion shapes CSF proteome during mouse brain development

 Maria K.
Lehtinen


 2026-01-15

 1
min

 21
words


NATURE NEUROSCIENCE

Summary: <p>Nature Neuroscience, Published online: 15 January 2026; doi:10.1038/s41593-026-02203-5</p><p>Author Correction: Choroid plexus apocrine secretion shapes CSF proteome during mouse brain development</p>

 Read full article:

<https://www.nature.com/articles/s41593-026-02203-5>

Implicit learning of melodic structure: A role for pitch?



 2024-01-22  1 min  180 words

PSYCHOMUSICOLOGY

Summary: Growing evidence suggests that pitch influences musical processing, with melodic processing being enhanced in higher pitch ranges (e.g., Fujioka et al., 2005) and rhythmic processing being enhanced in lower pitches, and these effects may have a basis in elementary properties of the auditory system (...)

 Read full article:
<http://doi.org/10.1037/pmu0000303>

Autonomous sensory meridian response (ASMR): A PRISMA-guided systematic review.



 2023-11-02  1 min  156 words

CLINICAL NEUROSCIENCE

Summary: The present PRISMA-guided article systematically reviews the current state of research on the autonomous sensory meridian response (ASMR). A systematic literature search was conducted in Pubmed, SCOPUS, and Web of Science (last search: March 2022) selecting all studies that conducted quantitative sc...

 Read full article:
<http://doi.org/10.1037/cns0000368>

Social bodies: Preliminary evidence that awareness of embodied emotions is associated with recognition of emotions in the bodily cues of others.

 2023-03-06  1 min  229 words

CLINICAL NEUROSCIENCE

Summary: We experience and express emotions via our bodies, and we are also able to infer the emotional states of others by observing their movements and postures. The ability to extract affective bodily cues in social contexts may be achieved via internal simulation, which is closely associated with experie...

 Read full article:
<http://doi.org/10.1037/cns0000352>

I built a CLI to make reverse-engineering APIs easier





 /u/
Own_Relationship9794  2026-01-24  1 min  285 words

REDDIT PYTHON

Summary: <!-- SC_OFF --><div class="md"><p>What My Project Does</p> <p>I'm working on reverse-api-engineer, a tool that helps you generate Python API clients just by using a website normally.
 It's a CLI built in Python and it uses the Python Claude Agent SDK for the ag...

 Read full article:
https://www.reddit.com/r/Python/comments/1qlxsy9/i_built_a_cli_to_make_reverseengineering_apis/

Understanding Rust Closures

 avandecreme  2026-01-24  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://antoine.vandecreme.net/blog/rust-closures/>




Comments URL: <https://news.ycombinator.com/item?id=46746266>

Points: 4

Comments: 0

 Read full article:
<https://antoine.vandecreme.net/blog/rust-closures/>

Show HN: StormWatch – Weather emergency dashboard with prep checklists

 lotusxblack  2026-01-24  1 min  155 words

HACKER NEWS

Summary:


Basically was getting annoyed jumping between 5 different sites during this winter storm season, so I built "StormWatch". It's a no-fuss, mobile-friendly webpage (dashboard) that shows all the stuff I was looking for, but in one simple UI.

Features:

- Real-time NWS alerts with safety tips - S...

 Read full article:
<https://jeisey.github.io/stormwatch/>

Investigating the methodological foundation of lesion network mapping

 Luca
Cocchi



2026-01-15



1
min



30
words

NATURE NEUROSCIENCE

Summary:

Nature Neuroscience, Published online: 15 January 2026; [doi:10.1038/s41593-025-02196-7](https://www.nature.com/articles/s41593-025-02196-7)

The lesion network mapping method links diverse brain lesions to similar functional brain networks, reflecting general brain organization rath...



Read full article:

<https://www.nature.com/articles/s41593-025-02196-7>

JSON-render: LLM-based JSON-to-UI tool



2026-01-24



1
min



2
words

HACKER NEWS



Summary: [Comments](https://news.ycombinator.com/item?id=46746570)



Read full article:

<https://json-render.dev/>

Why Does Destroying Resources via TF Suck?

 2026-01-24  1 min  2 words

HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46747022)



Read full article:

<https://newsletter.masterpoint.io/p/why-does-destroying-resources-via-tf-suck>

Memory layout in Zig with formulas

 2026-01-24  1 min  2 words

HACKER NEWS



Summary: [Comments](https://news.ycombinator.com/item?id=46744647)



Read full article:

<https://raymondтана.github.io/math/programming/2026/01/23/zig-alignment-and-sizing.html>

Postmortem: Our first VLEO satellite mission (with imagery and flight data)

 2026-01-24  1 min  2 words





HACKER NEWS

Summary: [Comments](https://news.ycombinator.com/item?id=46747119)

 Read full article:

<https://albedo.com/post/clarity-1-what-worked-and-where-we-go-next>

Hung by a thread

 ecto  2026-01-24  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://campedersen.com/rayon-mutex-deadlock>

Comments URL: <https://news.ycombinator.com/item?id=46746096>





Points: 5

Comments: 2

 Read full article:

<https://campedersen.com/rayon-mutex-deadlock>

The Concatative Language XY

 ofalkaed  17 2026-01-24  1 min  13 words

HACKER NEWS

Summary:

Article URL: <http://www.nsl.com/k/xy/xy.txt>





Comments URL: <https://news.ycombinator.com/item?id=46746517>

Points: 5

Comments: 1

 Read full article:
<http://www.nsl.com/k/xy/xy.txt>

JSON-render: LLM-based JSON-to-UI tool

 rickcarlino  17 2026-01-24  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://json-render.dev/>

Comments URL: <https://news.ycombinator.com/item?id=46746570>

Points: 9

Comments: 1

 Read full article:
<https://json-render.dev/>

Agent orchestration for the timid

 markferree  2026-01-24  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://substack.com/inbox/post/185649875>



Comments URL: <https://news.ycombinator.com/item?id=46746681>

Points: 6

Comments: 0

 Read full article:
<https://substack.com/inbox/post/185649875>

Propositions about the New Romanticism

 dom2  2026-01-24  1 min  13 words

HACKER NEWS

Summary:

Article URL: <https://www.honest-broker.com/p/25-propositions-about-the-new-romanticism>

Comments URL: <https://news.ycombinator.com/item?id=46747078>

 Read full article:
<https://www.honest-broker.com/p/25-propositions-about-the-new-romanticism>

Postmortem: Our first VLEO satellite mission (with imagery and flight data)



topherhaddad



2026-01-24

1
min13
words

HACKER NEWS

Summary:

Article URL: <https://albedo.com/post/clarity-1-what-worked-and-where-we-go-next>

Comments URL: <https://news.ycombinator.com/item?id=46747119>

Po...



Read full article:

<https://albedo.com/post/clarity-1-what-worked-and-where-we-go-next>

Attention and body awareness: The role of inhibition and the management of cognitive resources in the perception of spontaneous sensations.



2023-07-20

1
min210
words

CLINICAL NEUROSCIENCE


Summary: When the body is attended to and viewed, it appears that only a subset of bodily sensations enters awareness. Some of these sensations can be felt on the skin even though no stimulation triggers their perception: They are commonly referred to as spontaneous sensations (SPS). It is hypothesized that ...



Read full article:

<http://doi.org/10.1037/cns0000355>

Small Kafka: Tansu and SQLite on a free t3.micro

 2026-01-20  1 min  2 words

HACKER NEWS




Summary: [Comments](https://news.ycombinator.com/item?id=46690779)



Read full article:

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NEUROSCIENCE JOURNAL

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Publication date: 5 March 2026



Source: Neuroscience, Volume 596

Author(s): Xianrui Li, Wenting Ye, Yunhong Wang, Chuyao Peng, Rui Tao, Junrong Ren, Qian Luo, Zhiting Ren, Junlai Shan, Dongtao Wei, Jiang Qiu

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 2026-01-20  1 min

 203 words

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