ELSEVIER

Contents lists available at ScienceDirect

## **Neuroscience Informatics**





## **CONTENTS**

Editorials  Multimedia-based emerging technologies and data analytics for Neuroscience as a Service (NaaS)  M. Shabaz, A. Sharma, S.A. Ajrawi and V.V. Estrela
Multimedia-based Emerging Technologies and Data Analytics for Neuroscience as a Service (NaaS)
Digitization of handwritten Devanagari text using CNN transfer learning – A better customer service support S.D. Pande, P.P. Jadhav, R. Joshi, A.D. Sawant, V. Muddebihalkar, S. Rathod, M.N. Gurav and S. Das 100016
Engineering technology characterization of source solution for ZnO and their data analytics effect with aloe vera extract  N. Verma, M. Rakhra, M.W. Bhatt and U. Garg
Classification of optimal brain tissue using dynamic region growing and fuzzy min-max neural network in brain magnetic resonance images  S.L. Bangare
Efficacy of video educational program on interception of urinary tract infection and neurological stress among teenage girls: An uncontrolled experimental study  U. Rani Kandula, D. Philip, S. Mathew, A. Subin, G. AA, N. Alex and R. B
Systematic review of smart health monitoring using deep learning and Artificial intelligence A.V.L.N. Sujith, G.S. Sajja, V. Mahalakshmi, S. Nuhmani and B. Prasanalakshmi
Face mask recognition system using CNN model G. Kaur, R. Sinha, P.K. Tiwari, S.K. Yadav, P. Pandey, R. Raj, A. Vashisth and M. Rakhra
An efficient way of text-based emotion analysis from social media using LRA-DNN N. Shelke, S. Chaudhury, S. Chakrabarti, S.L. Bangare, G. Yogapriya and P. Pandey

Chronic neurological effects and photocatalytic investigation of AZO dyes  P. Rubalajyothi, A. Rajendran, L. Gangadhar and V. Pandiyan
An overview: Modeling and forecasting of time series data using different techniques in reference to
human stress
S.G. Wawale, A. Bisht, S. Vyas, C. Narawish and S. Ray
Optimizing neural network based on cuckoo search and invasive weed optimization using extreme learning machine approach
N. Rathod and S. Wankhade
Localization of stroke lesion in MRI images using object detection techniques: A comprehensive review S. Rani, B.K. Singh, D. Koundal and V.A. Athavale
Computational Intelligence in Neuroinformatics. Technologies and Data Analytics (CINTDA)
Statistical valuation of cognitive load level hemodynamics from functional near-infrared spectroscopy
signals F. Khanam, A.B.M. Aowlad Hossain and M. Ahmad
Original articles
The hemodynamic model solving algorithm by using fMRI measurements  Md.R. Islam and S.Md.R. Islam
Hemodynamic response function (HRF) as a novel brain marker: Applications in subjective cognitive decline (SCD)
L. Lu, G. Li, Z. Song, Z. Zhang and X. Tang
Neural decoding of imagined speech from EEG signals using the fusion of graph signal processing and graph learning techniques
A. Einizade, M. Mozafari, S. Jalilpour, S. Bagheri and S. Hajipour Sardouie
Performance analysis of VEP signal discrimination using CNN and RNN algorithms
Z. Cheker, S. Chakkor, A. EL Oualkadi, M. Baghouri, R. Belfkih, J.A. El Hangouche and J. Laameche 100087
Ffficacy of melatonin for febrile seizure prevention: A clinical trial study
Efficacy of melatonin for febrile seizure prevention: A clinical trial study S. Assawabumrungkul, V. Chittathanasesh and T. Fangsaad
S. Assawabumrungkul, V. Chittathanasesh and T. Fangsaad
Efficacy of melatonin for febrile seizure prevention: A clinical trial study S. Assawabumrungkul, V. Chittathanasesh and T. Fangsaad

NOWinBRAIN 3D neuroimage repository: Exploring the human brain via systematic and stereotactic dissections  W.L. Nowinski
Deep CNN hyperparameter optimization algorithms for sensor-based human activity recognition S. Raziani and M. Azimbagirad
Integrating anisotropic filtering, level set methods and convolutional neural networks for fully automatic segmentation of brain tumors in magnetic resonance imaging  M. Dweik and R. Ferretti
A transcriptome meta-analysis of ethanol embryonic exposure: Implications in neurodevelopment and neuroinflammatory genes V.O. Lord, G.C. Giudicelli, M. Recamonde-Mendoza, F.S.L. Vianna and T.W. Kowalski
A new feature extraction approach of medical image based on data distribution skew F.H. Kuwil