

L Core Project OT2OD030544

O Details

| Projects | Name | Award | Publications | Repositories | Analytics |
|-------------------|-------------------------|----------------|-----------------|----------------|--------------|
| 1OT2OD030544-01 | Biomedical Data Commons | \$3,229,346.00 | 37 publications | 0 repositories | 0 properties |
| 3OT2OD030544-01S3 | Workbench (BDCW) | | | | |
| 3OT2OD030544-01S1 | | | | | |
| 3OT2OD030544-01S2 | | | | | |
| 3OT2OD030544-01S4 | | | | | |
| | | | | | |

Publications

Published works associated with this project.

| ID | Title | Authors | R C R | SJ R | Cit ati on s | Cit. /ye ar | Journal | Pub lish ed | Upda ted |
|-----------------------------------|---|--|--------------|----------------|-----------------------|-------------------|---|-------------------|---|
| 34862502 亿 DOI 亿 | GNPS Dashboard: collaborative exploration of mass spectrometry data in the web browser. | Daniel Petras33 more Mingxun Wang | 5. 6 7 | 14. 79 6 | 30 | 15 | Nature Methods | 2,0 22 | Oct 26, 2024 (1 mont h ago) |
| 37349305 ♂ DOI ♂ | Defining diurnal fluctuations in mouse choroid plexus and CSF at high molecular, spatial, and tem | Ryann M Fame 21 more Maria K Lehtinen | 4. 0 3 | 4.8 87 | 12 | 12 | Nature Communications | 2,0 23 | Oct 26, 2024 (1 mont h ago) |
| 37798473 ♂ DOI ♂ | Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate | Anne Miller 7 more Gary Yellen | 3. 6 5 | 7.1 92 | 11 | 11 | Nature Metabolism | 2,0 23 | Oct 26, 2024 (1 mont h ago) |
| 37441265 🗹 DOI 🗗 | Contribution of Circulating Host and Microbial Tryptophan Metabolites Toward Ah Receptor Activation. | Ethan W Morgan 12 more | 2. 2 9 | 1.0 04 | 7 | 7 | International Journal of Tryptophan Research | 2,0 23 | Oct 26, 2024 (1 mont |

| | | Gary H Perdew | | | | | | | h ago) |
|-----------------------------------|--|--|--------------|-----------|----|-----------|----------------------------|-----------|---|
| 34721400 ② DOI ② | Immune Response in Severe and Non-Severe Coronavirus Disease 2019 (COVID-19) Infection: A Mechani | Kavitha Mukund 6 more Shankar Subrama niam | 1. 8 | 1.8 68 | 23 | 7.6 67 | Frontiers in Immunology | 2,0 21 | Oct 26, 2024 (1 mont h ago) |
| 37452018 🗗 DOI 🗗 | Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis. | Nozomu Takata 16 more Guillerm o Oliver | 1. 6 1 | 4.8 87 | 6 | 6 | Nature Communications | 2,0 23 | Oct 26, 2024 (1 mont h ago) |
| 37815914 🗷 | MYC is a regulator of androgen receptor inhibition-induced metabolic requirements in prostate can | Preston D Crowell23 more Andrew S Goldstei n | 1. 5 8 | 4.2 79 | 6 | 6 | Cell Reports | 2,0 23 | Oct 26, 2024 (1 mont h ago) |
| 37515770 🖸 | The stability of the myelinating oligodendrocyte transcriptome is | Mathilde Pruvost | 1. 2 | 4.2 79 | 5 | 5 | Cell Reports | 2,0 23 | Oct 26, |

| | regulated by the nuclear lamina. | 16 more Patrizia Casaccia | 4 | | | | | | 2024 (1 mont h ago) |
|-----------------------------------|---|--|--------------|-----------|---|---|---------------------------|-----------|---|
| 38001239 乙 | IL-1β-mediated adaptive reprogramming of endogenous human cardiac fibroblasts to cells with immun | Jamila H Siamwala 11 more Richard J Gilbert | 0. 5 2 | 2.0 9 | 2 | 2 | Communications Biology | 2,0 23 | Oct 26, 2024 (1 mont h ago) |
| 37398141 乙 DOI 乙 | Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice. | Adriana C Norris 7 more Todd R Graham | 0. 3 2 | 0 | 1 | 1 | bioRxiv | 2,0 23 | Oct 26, 2024 (1 mont h ago) |
| 35448980 乙 | Modular and mechanistic changes across stages of colorectal cancer. | Sara Rahimine jad 2 more Shankar | 0. 1 7 | 1.0 87 | 2 | 1 | BMC Cancer | 2,0 22 | Oct 26, 2024 (1 mont h ago) |

| | | Subrama niam | | | | | | | |
|-----------------------------------|--|--|--------------|-----------|---|-----|--------------------------|-----------|---|
| 37983749 ♂ DOI ♂ | MetGENE: gene-centric metabolomics information retrieval tool. | Sumana Srinivasa n3 more Shankar Subrama niam | 0. 1 1 | 4.6 21 | 1 | 0.5 | GigaScience | 2,0 22 | Oct 26, 2024 (1 mont h ago) |
| 38714664 🗹 DOI 🗹 | FGFR inhibition blocks NF-ĸB-dependent glucose metabolism and confers metabolic vulnerabilities i | Yuanli Zhen 11 more Nabeel Bardeesy | 0 | 4.8 87 | 0 | 0 | Nature Communications | 2,0 24 | Nov 1, 2024 (1 mont h ago) |
| 38286827 ♂ DOI ♂ | Loss of Pip4k2c confers liver- metastatic organotropism through insulin-dependent PI3K- AKT pathway | Meri Rogava 43 more Benjamin Izar | 0 | 11. 9 | 4 | 4 | Nature Cancer | 2,0 24 | Oct 26, 2024 (1 mont h ago) |

| 38018851 ☑ DOI ☑ | Lipidomic Analysis Reveals Differences in the Extent of Remyelination in the Brain and Spinal Cord. | Nishama De Silva Mohotti5 more Meredith D Hartley | 0 | 1.2 99 | 0 | 0 | Journal of Proteome Research | 2,0 24 | Oct 26, 2024 (1 mont h ago) |
|-----------------------------------|--|--|---|-----------|---|---|--|-----------|---|
| 38165806 ☑ DOI ☑ | Metabolic reprogramming by histone deacetylase inhibition preferentially targets NRF2-activated t | Dimitris Karagian nis 11 more Chao Lu | 0 | 4.2 79 | 2 | 2 | Cell Reports | 2,0 24 | Oct 26, 2024 (1 mont h ago) |
| 38172157 ♂ DOI ♂ | Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice. | Adriana C Norris 7 more Todd R Graham | 0 | 0.9 | 3 | 3 | Scientific Reports | 2,0 24 | Oct 26, 2024 (1 mont h ago) |
| 38226418 🗹 | Fatty acid metabolism promotes TRPV4 activity in lung microvascular endothelial cells in pulmonar | Nicolas Philip 20 more | 0 | 1.3 39 | 2 | 2 | American Journal of Physiology - Lung Cellular and Molecular Physiology | 2,0 24 | Oct 26, 2024 (1 mont |

| | | Karthik Suresh | | | | | | | h ago) |
|-----------------------------------|---|--|---|-----------|---|---|--------------------------------|-----------|---|
| 38826219 ♂ DOI ♂ | Single-cell transcriptomics reveals stage- and side-specificity of gene modules in colorectal can | Sara Rahimine jad2 more Shankar Subrama niam | 0 | 0 | 0 | 0 | Res Sq | 2,0 24 | Oct 26, 2024 (1 mont h ago) |
| 39206133 🗹 DOI 🗹 | Phosphate availability conditions caspofungin tolerance, capsule attachment and titan cell format | Xianya Qu 7 more James W Kronstad | 0 | 0.4 91 | 0 | 0 | Frontiers in Fungal Biology | 2,0 24 | Oct 26, 2024 (1 mont h ago) |
| 39420002 🗗 DOI 🗗 | Methionine-SAM metabolism- dependent ubiquinone synthesis is crucial for ROS accumulation in ferro | Chaoyi Xia 13 more Yang Wang | 0 | 4.8 87 | 0 | 0 | Nature Communications | 2,0 24 | Oct 26, 2024 (1 mont h ago) |

| <u>38651675</u> ☎ DOI ☎ | A nested case-control study of untargeted plasma metabolomics and lung cancer among neversmoking | Moham mad L Rahman 12 more Qing Lan | 0 | 2.1 31 | 2 | 2 | International Journal of Cancer | 2,0 24 | Oct 26, 2024 (1 mont h ago) |
|-----------------------------------|---|--|---|-----------|---|---|------------------------------------|-----------|---|
| 38313293 亿 DOI 亿 | Metabolic abnormalities in the bone marrow cells of young offspring born to obese mothers. | Maloyan Alina 4 more Sushil Kumar | 0 | 0 | 0 | 0 | Res Sq | 2,0 24 | Oct 26, 2024 (1 mont h ago) |
| <u>38813868</u> | Fetal growth delay caused by loss of non-canonical imprinting is resolved late in pregnancy and c | Ruby Oberin 14 more Patrick S Western | 0 | 3.9 32 | 1 | 1 | eLife | 2,0 24 | Oct 26, 2024 (1 mont h ago) |
| 38926365 🗹 DOI 🗹 | METTL3-mediated chromatin contacts promote stress granule phase separation through metabolic repr | Chen Wang 17 more | 0 | 4.8 87 | 0 | 0 | Nature Communications | 2,0 24 | Oct 26, 2024 (1 mont |

| | | Rugang Zhang | | | | | | | h ago) |
|-----------------------------------|--|--|---|-----------|---|---|---|-----------|---|
| 38975764 ② DOI ② | Taurine modulates host cell responses to <i>Helicobacter pylori</i> VacA toxin. | Mandy D Westland 5 more Timothy L Cover | 0 | 1.0 42 | 0 | 0 | Infection and Immunity | 2,0 24 | Oct 26, 2024 (1 mont h ago) |
| 37849634 🖸 DOI 🗗 | Endotype Characterization Reveals Mechanistic Differences Across Brain Regions in Sporadic Alzhei | Ashay O Patel2 more Shankar Subrama niam | 0 | 0.6 35 | 0 | 0 | Journal of Alzheimer's Disease Reports | 2,0 23 | Oct 26, 2024 (1 mont h ago) |
| 37546759 🗷 DOI 🗹 | Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate | Anne Miller 7 more Gary Yellen | 0 | 0 | 0 | 0 | Res Sq | 2,0 23 | Oct 26, 2024 (1 mont h ago) |
| 39143213 🖸 | Mitochondrial complex I promotes kidney cancer | Divya Bezwada | 0 | 18. 50 | 0 | 0 | Nature | 2,0 24 | Oct 26, |

| | metastasis. | 36 more Ralph J DeBerar dinis | | 9 | | | | | 2024 (1 mont h ago) |
|-----------------------------------|---|---|---|-----------|---|---|------------------------|-----------|---|
| 38187579 ♂ DOI ♂ | Matrix Linear Models for connecting metabolite composition to individual characteristics. | Gregory Farage 5 more Śaunak Sen | 0 | 0 | 0 | 0 | bioRxiv | 2,0 23 | Oct 26, 2024 (1 mont h ago) |
| 38102827 乙 DOI 乙 | Modeling transcriptional regulation of the cell cycle using a novel cybernetic-inspired approach. | Rubesh Raja 5 more Doraiswa mi Ramkrish na | 0 | 1.1 88 | 0 | 0 | Biophysical Journal | 2,0 24 | Oct 26, 2024 (1 mont h ago) |
| 38544285 C | Repeated exposure to eucalyptus wood smoke alters pulmonary gene and metabolic profiles in male L | Samuel J Cochran 11 more Kymberly M Gowdy | 0 | 0.9 11 | 0 | 0 | Toxicological Sciences | 2,0 24 | Oct 26, 2024 (1 mont |

| | | | | | | | | | | | h ago) |
|---------------------|--|-------------------------|--|----------|--------------------------|--------|-------|---------------|------------------|-----------|---|
| 39257804 7 | Structural and characterizatio phosphorylatic enzymes identi | n of on on metabolic | Tigist Y Tamir 15 more Forest M White | 0 | 0 | 0 | 0 | bioRxi | V | 2,0 24 | Oct 26, 2024 (1 mont h ago) |
| 39300135 ☑ DOI ☑ | Gut symbiont-one sphingosine mocompetence in mosquitoes. | odulates vector | Xiaomei Sun 12 m or Rep Zhen Zou | | 4.8 87 ries | 0 | 0 | Natur Comm | e nunications | 2,0 24 | Oct 26, 2024 (1 mont h ago) |
| | | Softwar | e repositories a | ssociate | ed with | n this | proje | ct. | | | |
| | Gut microhiota | and motabolity | ne Duovi Dai | i | | | | | | | Oct 26, |
| Name D | escription | Stars | Watchers | Fork | 5 | Issu | es | PRs | Commits | Coi | ntrib. |
| <u>ااال</u> | ın a menopaus | ai transition rat | more Yan Sun | data | | | | (Lausa | inne) | 23 | mont |
| | m | | | | | | | | | _ | h ago) |
| Name Tags | Last Commit | Avg Issue | Avg PR Lang | guages | Lic | ense | Rea | adme | Contributing | Depend | lencies |
| DOI 🗹 | running exercis | ses, microbial | Vazque _{ٍ ل} رَّ | data | 65 | | | Microl | oiology | 24 | 26, |

Notes

| Repository | For storing, tracking changes to, and collaborating on a piece of software. | |
|----------------------------|---|--------------------|
| PR | "Plinersity and tryptophange (new feature, bug fix, etc.) to a repo. | 2024 |
| | metabolism6 | (1 |
| Closed/Open | Resolved/unresolved. more | mont |
| Avg Issue/PR | Average time issues/pull requests stay िक्सिंप्रिक before being closed. | h |
| | Chorna | ago) |
| Only the mair | n /default branch is considered for metrics like # of commits. | |
| # of depender | Tommas ncies is totaled from all manifests in repo, direct and transitive, e.g. package.json + package-lock.jsc O Scolaro | Oct on . 26, |
| <u>38844817</u> [Z | Nucleotide metabolism in cancer36363632323232 | 2024 |

Analytics

Traffic metrics of websites associated with this project.

Notes

Active Users <u>Distinct users who visited the website</u> 2.

New Users <u>Users who visited the website for the first time</u> **.**

Engaged Sessions <u>Visits that had significant interaction</u> **?**.

"Top" metrics are measured by number of engaged sessions.

Total: 37

