



Core Project OT2OD030544



Details









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


















Publications









Published works associated with this project.









| ID | Title | Authors | R C R | SJ R | Cita tion s | Cit./ yea r | Journal | Publ ishe d | Upda ted |
|---|--|---|--------------|---------|-------------------|-------------------|-------------|-------------------|---------------------------|
| 34862502  DOI  | GNPS Dashboard: collaborative exploration of mass spectrometry data in the web browser. | Daniel Petras ...33 more... Mingxun Wang | 5. 6 5 | 0 | 31 | 15. 5 | Nat Methods | 2022 | Dec 1, 2024 (2 weeks 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 | 3. 4 | 0 | 11 | 11 | Nat Commun | 2023 | Dec 1, 2024 (2 weeks ago) |
| 37798473  DOI  | Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate... | Anne Miller ...7 more... Gary Yellen | 3. 3 5 | 0 | 11 | 11 | Nat Metab | 2023 | Dec 1, 2024 (2 weeks ago) |
| 38286827  DOI  | Loss of Pip4k2c confers liver-metastatic organotropism through insulin-dependent PI3K-AKT pathway... | Meri Rogava ...43 more... Benjamin Izar | 2. 8 1 | 0 | 5 | 5 | Nat Cancer | 2024 | Dec 1, 2024 (2 weeks ago) |

| | | | | | | | | | |
|---|--|--|--------------|---|----|-----------|----------------------|------|---------------------------|
| 37441265  DOI  | Contribution of Circulating Host and Microbial Tryptophan Metabolites Toward Ah Receptor Activation. | Ethan W Morgan ...12 more... Gary H Perdew | 2. 1 | 0 | 7 | 7 | Int J Tryptophan Res | 2023 | Dec 1, 2024 (2 weeks ago) |
| 34721400  DOI  | Immune Response in Severe and Non-Severe Coronavirus Disease 2019 (COVID-19) Infection: A Mechani... | Kavitha Mukund ...6 more... Shankar Subramaniam | 1. 7 6 | 0 | 23 | 7.6 67 | Front Immunol | 2021 | Dec 1, 2024 (2 weeks ago) |
| 37815914  DOI  | MYC is a regulator of androgen receptor inhibition-induced metabolic requirements in prostate can... | Preston D Crowell ...23 more... Andrew S Goldstein | 1. 5 1 | 0 | 7 | 7 | Cell Rep | 2023 | Dec 1, 2024 (2 weeks ago) |
| 37452018  DOI  | Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis. | Nozomu Takata ...16 more... Guillermo Oliver | 1. 4 8 | 0 | 6 | 6 | Nat Commun | 2023 | Dec 1, 2024 (2 weeks ago) |

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|---|--|---|--------------|---|---|-----|-------------|------|---------------------------|
| 37515770  DOI  | The stability of the myelinating oligodendrocyte transcriptome is regulated by the nuclear lamina. | Mathilde Pruvost ...16 more... Patrizia Casaccia | 1. 1 4 | 0 | 5 | 5 | Cell Rep | 2023 | Dec 1, 2024 (2 weeks ago) |
| 38001239  DOI  | IL-1 β -mediated adaptive reprogramming of endogenous human cardiac fibroblasts to cells with immun... | Jamila H Siamwala ...11 more... Richard J Gilbert | 0. 4 8 | 0 | 2 | 2 | Commun Biol | 2023 | Dec 1, 2024 (2 weeks ago) |
| 37398141  DOI  | Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice. | Adriana C Norris ...7 more... Todd R Graham | 0. 3 | 0 | 1 | 1 | bioRxiv | 2023 | Dec 1, 2024 (2 weeks ago) |
| 35448980  DOI  | Modular and mechanistic changes across stages of colorectal cancer. | Sara Rahiminejad ...2 more... Shankar Subramaniam | 0. 2 7 | 0 | 3 | 1.5 | BMC Cancer | 2022 | Dec 1, 2024 (2 weeks ago) |

| | | | | | | | | | |
|---|--|--|--------------|---|---|-----|-----------------------------|------|---------------------------|
| 37983749  DOI  | MetGENE: gene-centric metabolomics information retrieval tool. | Sumana Srinivasan ...3 more... Shankar Subramani am | 0. 1 1 | 0 | 1 | 0.5 | Gigascience | 2022 | Dec 1, 2024 (2 weeks 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 | 2023 | Dec 1, 2024 (2 weeks ago) |
| 38161977  DOI  | Gut microbiota and metabolites in estrus cycle and their changes in a menopausal transition rat m... | Ruoxi Dai ...5 more... Yan Sun | 0 | 0 | 0 | 0 | Front Endocrinol (Lausanne) | 2023 | Dec 1, 2024 (2 weeks ago) |
| 38187579  DOI  | Matrix Linear Models for connecting metabolite composition to individual characteristics. | Gregory Farage ...5 more... Śaunak Sen | 0 | 0 | 0 | 0 | bioRxiv | 2023 | Dec 1, 2024 (2 weeks ago) |

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|---|--|---|---|---|---|---|-----------------|------|---------------------------|
| 38102827  DOI  | Modeling transcriptional regulation of the cell cycle using a novel cybernetic-inspired approach. | Rubesh Raja ...5 more... Doraiswami Ramkrishna | 0 | 0 | 0 | 0 | Biophys J | 2024 | Dec 1, 2024 (2 weeks ago) |
| 38318337  DOI  | Exploring the interplay between running exercises, microbial diversity, and tryptophan metabolism... | Alejandra Vazquez-Medina ...6 more... Nataliya Chorna | 0 | 0 | 0 | 0 | Front Microbiol | 2024 | Dec 1, 2024 (2 weeks ago) |
| 38651675  DOI  | A nested case-control study of untargeted plasma metabolomics and lung cancer among never-smoking... | Mohammad L Rahman ...12 more... Qing Lan | 0 | 0 | 2 | 2 | Int J Cancer | 2024 | Dec 1, 2024 (2 weeks ago) |
| 39143213  DOI  | Mitochondrial complex I promotes kidney cancer metastasis. | Divya Bezwada ...36 more... Ralph J DeBerardinis | 0 | 0 | 2 | 2 | Nature | 2024 | Dec 1, 2024 (2 weeks ago) |

| | | | | | | | | | |
|---|--|---|---|---|---|---|-------------------|------|---------------------------|
| 38826219  DOI  | Single-cell transcriptomics reveals stage- and side-specificity of gene modules in colorectal can... | Sara Rahiminejad ...2 more... Shankar Subramaniam | 0 | 0 | 0 | 0 | Res Sq | 2024 | Dec 1, 2024 (2 weeks 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 | 3 | 3 | Sci Rep | 2024 | Dec 1, 2024 (2 weeks ago) |
| 38544285  DOI  | 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 | 0 | 0 | Toxicol Sci | 2024 | Dec 1, 2024 (2 weeks ago) |
| 39206133  DOI  | Phosphate availability conditions caspofungin tolerance, capsule attachment and titan cell format... | Xianya Qu ...7 more... James W Kronstad | 0 | 0 | 1 | 1 | Front Fungal Biol | 2024 | Dec 1, 2024 (2 weeks ago) |

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|---|--|--|---|---|---|---|--------------|------|---------------------------|
| 39257804  DOI  | Structural and systems characterization of phosphorylation on metabolic enzymes identifies sex-sp... | Tigist Y Tamir ...15 more... Forest M White | 0 | 0 | 0 | 0 | bioRxiv | 2024 | Dec 1, 2024 (2 weeks ago) |
| 38975764  DOI  | Taurine modulates host cell responses to <i>Helicobacter pylori</i> VacA toxin. | Mandy D Westland ...5 more... Timothy L Cover | 0 | 0 | 0 | 0 | Infect Immun | 2024 | Dec 1, 2024 (2 weeks ago) |
| 38926365  DOI  | METTL3-mediated chromatin contacts promote stress granule phase separation through metabolic repr... | Chen Wang ...17 more... Rugang Zhang | 0 | 0 | 0 | 0 | Nat Commun | 2024 | Dec 1, 2024 (2 weeks ago) |
| 38165806  DOI  | Metabolic reprogramming by histone deacetylase inhibition preferentially targets NRF2-activated t... | Dimitris Karagiannis ...11 more... Chao Lu | 0 | 0 | 2 | 2 | Cell Rep | 2024 | Dec 1, 2024 (2 weeks ago) |

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|--|--|--|---|---|---|---|----------------|------|---------------------------|
| 38018851 DOI ↗ | Lipidomic Analysis Reveals Differences in the Extent of Remyelination in the Brain and Spinal Cord. | Nishama De Silva Mohotti ...5 more... Meredith D Hartley | 0 | 0 | 0 | 0 | J Proteome Res | 2024 | Dec 1, 2024 (2 weeks ago) |
| 38714664 DOI ↗ | FGFR inhibition blocks NF-κB-dependent glucose metabolism and confers metabolic vulnerabilities i... | Yuanli Zhen ...11 more... Nabeel Bardeesy | 0 | 0 | 0 | 0 | Nat Commun | 2024 | Dec 1, 2024 (2 weeks ago) |
| 38813868 DOI ↗ | 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 | 0 | 1 | 1 | Elife | 2024 | Dec 1, 2024 (2 weeks ago) |
| 38844817 DOI ↗ | Nucleotide metabolism in cancer cells fuels a UDP-driven macrophage cross-talk, promoting immunos... | Tommaso Scolaro ...36 more... Massimiliano Mazzone | 0 | 0 | 4 | 4 | Nat Cancer | 2024 | Dec 1, 2024 (2 weeks ago) |

Notes

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|--|---|---------|---|---|---|------------|--|------|------|--------|
| Repository | For storing, tracking changes to, and collaborating on a piece of software. | | | | | | | | | |
| PR | "Pull request", a draft change (new feature, bug fix, etc.) to a repo. | | | | | | | | | |
| Closed/Open | Resolved/unresolved. | Xiaomei | | | | | | | | |
| Avg Issue PR | Gut symbiont-derived sphingosine | Sun | | | | | | | | |
| | Average time issues/pull requests stay open for before being closed. | ...12 | | | | | | | | |
| DOI | modulates vector competence in Aedes mosquitoes | 0 | 0 | 0 | 0 | Nat Commun | | 2024 | 2024 | Dec 1, |
| | | more... | | | | | | 4 | (2 | week |
| Only the main/default branch is considered for metrics like # of commits. | | | | | | | | | | ago) |
| # of dependencies is totaled from all manifests in repo, direct and transitive, e.g. package.json + package-lock.json. | | | | | | | | | | |

Analytics

Traffic metrics of websites associated with this project.

Notes

| | |
|------------------|--|
| Active Users | Distinct users who visited the website . |
| New Users | Users who visited the website for the first time . |
| Engaged Sessions | Visits that had significant interaction . |

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

