

▶ Core Project OT2OD030544

O Details

| Projects | Name | Award | Publications | Repositories | Analytics |
|-------------------|-------------------------|----------------|-----------------|----------------|--------------|
| 1OT2OD030544-01 | Biomedical Data Commons | \$3,229,346.00 | 34 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 | Cit ati on s | Cit. /ye ar | Journal | Pub lish ed | Upd ated |
|-----------------------------------|--|--|--------------|----------------|-----------------------|-------------------|---|-------------------|--|
| 34862502 乙 DOI 乙 | GNPS Dashboard: collaborative exploration of mass spectrometry data in the web browser. | Daniel Petras33 more Mingxun Wang | 5. 8 8 | 14. 79 6 | 30 | 15 | Nature Methods | 2,0 22 | Sep 28, 2024 (1 wee k 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. 3 7 | 4.8 87 | 10 | 10 | Nature Communications | 2,0 23 | Sep 28, 2024 (1 wee k ago) |
| 37798473 ♂ DOI ♂ | Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate | Anne Miller 7 more Gary Yellen | 3. 3 5 | 7.1 92 | 10 | 10 | Nature Metabolism | 2,0 23 | Sep 28, 2024 (1 wee k ago) |
| 37441265 🗹 DOI 🗗 | Contribution of Circulating Host and Microbial Tryptophan Metabolites Toward Ah Receptor Activation. | Ethan W Morgan 12 more | 2. 1 6 | 1.0 04 | 6 | 6 | International Journal of Tryptophan Research | 2,0 23 | Sep 28, 2024 (1 wee |

| | | Gary H Perdew | | | | | | | k ago) |
|-----------------------------------|--|--|--------------|-----------|----|-----------|----------------------------|-----------|--|
| 34721400 亿 DOI 亿 | 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 | Sep 28, 2024 (1 wee k ago) |
| 37815914 🗗 DOI 🗗 | MYC is a regulator of androgen receptor inhibition-induced metabolic requirements in prostate can | Preston D Crowell23 more Andrew S Goldstein | 1. 7 8 | 4.2 79 | 6 | 6 | Cell Reports | 2,0 23 | Sep 28, 2024 (1 wee k ago) |
| 37452018 🗗 DOI 🗗 | Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis. | Nozomu Takata 16 more Guillerm o Oliver | 1. 7 7 | 4.8 87 | 6 | 6 | Nature Communications | 2,0 23 | Sep 28, 2024 (1 wee k ago) |
| 37515770 🗗 | The stability of the myelinating oligodendrocyte transcriptome is | Mathilde Pruvost | 1. 4 | 4.2 79 | 5 | 5 | Cell Reports | 2,0 23 | Sep 28, |

| | regulated by the nuclear lamina. | 16 more Patrizia Casaccia | 1 | | | | | | 2024 (1 wee k ago) |
|-----------------------------------|---|---|--------------|-----------|---|-----|------------------------------|-----------|--|
| 35448980 🗳 | Modular and mechanistic changes across stages of colorectal cancer. | Sara Rahimine jad2 more Shankar Subrama niam | 0. 1 7 | 1.0 87 | 2 | 1 | BMC Cancer | 2,0 22 | Sep 28, 2024 (1 wee k ago) |
| 37983749 ♂ DOI ♂ | MetGENE: gene-centric metabolomics information retrieval tool. | Sumana Srinivasa n 3 more Shankar Subrama niam | 0. 1 1 | 4.6 21 | 1 | 0.5 | GigaScience | 2,0 22 | Sep 28, 2024 (1 wee k ago) |
| 38318337 ② DOI ② | Exploring the interplay between running exercises, microbial diversity, and tryptophan metabolism | Alejandra Vazquez- Medina 6 more | 0 | 1.0 65 | 0 | 0 | Frontiers in Microbiology | 2,0 24 | Sep 28, 2024 (1 wee |

| | | Nataliya Chorna | | | | | | | k ago) |
|-----------------------------------|---|---|---|-----------|---|---|------------------------|-----------|--|
| 38102827 ♂ DOI ♂ | Modeling transcriptional regulation of the cell cycle using a novel cybernetic-inspired approach. | Rubesh Raja 5 more Doraiswa mi Ramkrish | 0 | 1.1 88 | 0 | 0 | Biophysical Journal | 2,0 24 | Sep 28, 2024 (1 wee k 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 | Sep 28, 2024 (1 wee k 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 | 0.9 11 | 0 | 0 | Toxicological Sciences | 2,0 24 | Sep 28, 2024 (1 wee k ago) |

| 38926365 乙 | METTL3-mediated chromatin contacts promote stress granule phase separation through metabolic repr | Chen Wang 17 more Rugang Zhang | 0 | 4.8 87 | 0 | 0 | Nature Communications | 2,0 24 | Sep 28, 2024 (1 wee k ago) |
|-----------------------------------|---|--|---|----------------|---|---|--------------------------------|-----------|--|
| 39206133 乙 DOI 乙 | 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 | Sep 28, 2024 (1 wee k ago) |
| 39143213 乙 DOI 乙 | Mitochondrial complex I promotes kidney cancer metastasis. | Divya Bezwada36 more Ralph J DeBerard inis | 0 | 18. 50 9 | 0 | 0 | Nature | 2,0 24 | Sep 30, 2024 (1 wee k ago) |
| 38172157 乙 DOI 乙 | Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice. | Adriana C Norris 7 more | 0 | 0.9 | 3 | 3 | Scientific Reports | 2,0 24 | Sep 28, 2024 (1 wee |

| | | Todd R Graham | | | | | | | k 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 | Sep 28, 2024 (1 wee k ago) |
| 38001239 ☑ DOI ☑ | IL-1β-mediated adaptive reprogramming of endogenous human cardiac fibroblasts to cells with immun | Jamila H Siamwala 11 more Richard J Gilbert | 0 | 2.0 9 | 2 | 2 | Communications Biology | 2,0 23 | Sep 28, 2024 (1 wee k ago) |
| 38826219 ♂ DOI ♂ | Single-cell transcriptomics reveals stage- and side-specificity of gene modules in colorectal can | Sara Rahimine jad 2 more Shankar Subrama niam | 0 | 0 | 0 | 0 | Res Sq | 2,0 24 | Sep 28, 2024 (1 wee k 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 | 0 | 1 | 1 | bioRxiv | 2,0 23 | Sep 28, 2024 (1 wee k ago) |
|-----------------------------------|--|--|---|-----------|---|---|------------------------------------|-----------|--|
| 38286827 乙 DOI 乙 | 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 | Sep 28, 2024 (1 wee k ago) |
| 38651675 乙 DOI 乙 | A nested case-control study of untargeted plasma metabolomics and lung cancer among neversmoking | Mohamm ad L Rahman 12 more Qing Lan | 0 | 2.1 31 | 1 | 1 | International Journal of Cancer | 2,0 24 | Sep 28, 2024 (1 wee k ago) |
| 38813868 | Fetal growth delay caused by loss of non-canonical imprinting is resolved late in pregnancy and c | Ruby Oberin 14 more | 0 | 3.9 32 | 1 | 1 | eLife | 2,0 24 | Sep 28, 2024 (1 wee |

| | | Patrick S Western | | | | | | | k ago) |
|-----------------------------------|--|--|---|-----------|---|---|---------------------------------|-----------|--|
| 38844817 🗗 DOI 🗗 | Nucleotide metabolism in cancer cells fuels a UDP-driven macrophage cross-talk, promoting immunos | Tommas o Scolaro 36 more Massimili ano Mazzone | 0 | 11. 9 | 2 | 2 | Nature Cancer | 2,0 24 | Sep 28, 2024 (1 wee k ago) |
| 38975764 🖸 DOI 🗗 | 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 | Sep 28, 2024 (1 wee k 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) | 2,0 23 | Sep 28, 2024 (1 wee k ago) |
| 38018851 🗹 | Lipidomic Analysis Reveals Differences in the Extent of | Nishama De Silva | 0 | 1.2 99 | 0 | 0 | Journal of Proteome Research | 2,0 24 | Sep 28, |

| | Remyelination in the Brain and Spinal Cord. | Mohotti 5 more Meredith D Hartley | | | | | | | 2024 (1 wee k 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 | Sep 28, 2024 (1 wee k ago) |
| 37849634 乙 | 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 | Sep 28, 2024 (1 wee k ago) |
| 38313293 ♂ DOI ♂ | Metabolic abnormalities in the bone marrow cells of young offspring born to obese mothers. | Maloyan Alina 4 •por R.epo Sushil Kumar | osito | ories | 0 | 0 | Res Sq | 2,0 24 | Sep 28, 2024 (1 wee k ago) |

Software repositories associated with this project.

| Name | De | escription | Stars | Wato | hers | Forks | Issue | S | PRs | Commits | Con | trib. |
|---------------------|--------------|--|---|----------|-----------------|-----------------|----------------------|-------|-------|-----------------|--------|-------------|
| | | | | | | No data | | | | | | Sep |
| | | Fatty acid motab | olicm promo | toc | Nicola: | 5 | | | ۸mar | ican lournal of | | 28, |
| | _ | Fatty acid metab | oonsin promo | tes | Philip | | | | Amer | ican Journal of | | 2024 |
| Name | Tags | Last Commit | Avg Issue | Avg I | PR La | anguages | License | Read | dme | Contributing | Depend | encies |
| | | pulmonar | | | Karthil | No data | | | Physi | ology | | k |
| | | | | | Suresh | <u> </u> | | | | | | ago) |
| Notes | | | | | Yuanli | | | | | | | Sep |
| Repositor 387146 | <u>¾</u> ♂ F | FGFR inhibition k or storing, tracki dependent glucc | olocks NF-ĸB- ng changes to ose metabolis | o, and c | | | piece of soft | ware. | Natu | re | 2,0 | 28, 2024 |
| PRDOI | II | Paul brequiests, na et | adolibange (r | new fea | itproere.i | ug fix, etc.) 1 | 1 8 07a repo. | 0 | Comr | munications | 24 | (1 |
| Closed/O | pen F | vulnerabilities i. Resolved/unresolv | ved. | | Nabee Bardee | | | | | | | wee k |
| Avg Issue | /PR A | Average time issu | es/pull reque | sts stay | | , | eing closed | • | | | | ago) |

Only the main /default branch is considered for metrics like # of commits.

** 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.

New Users <u>Users who visited the website for the first time 2.</u>

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

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

Generated on Oct 7, 2024

