Core Project OT2OD036435

Overview

High-level info about this project.

Projects	Name	Award	Publications	Repositories	Analytics
1OT2OD036435-01 3OT2OD036435-01S2 3OT2OD036435-01S1	The CFDE Workbench	$7,184,710.00	15 publications	0 repositories	0 properties

Publications

Published works associated with this project.

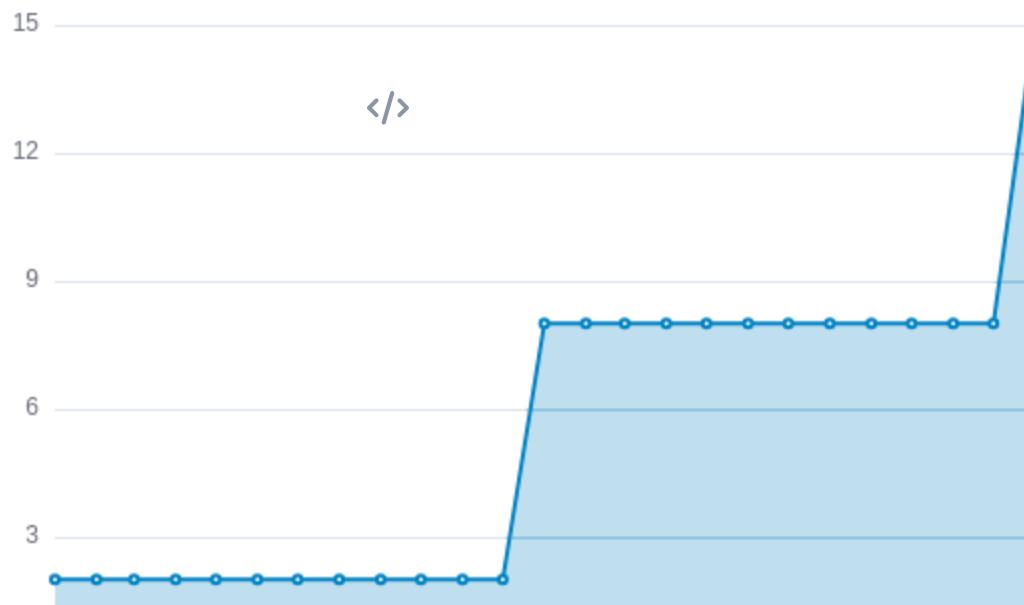| ID	Title	Authors	RCR	SJR	Citations	Cit./year	Journal	Published	Updated
38643247 DOI	Rummagene: massive mining of gene sets from supporting materials of biomedical research publicati...	Clarke, Daniel J B ...4 more... Ma'ayan, Avi	5.299	0	23	23	Commun Biol	2024	Dec 9, 2025 (just now)
39569206 DOI	RummaGEO: Automatic mining of human and mouse gene sets from GEO.	Marino, Giacomo B ...3 more... Ma'ayan, Avi	2.319	0	9	9	Patterns (N Y)	2024	Dec 9, 2025 (just now)
37460679 DOI	Toxicology knowledge graph for structural birth defects.	Evangelista, John Erol ...16 more... Ma'ayan, Avi	2.24	0	17	8.5	Commun Med (Lond)	2023	Dec 9, 2025 (just now)
38339304 DOI	Molecular Atlas of HER2+ Breast Cancer Cells Treated with Endogenous Ligands: Temporal Insights i...	Mukund, Kavitha ...10 more... Subramaniam, Shankar	0.344	0	2	2	Cancers (Basel)	2024	Dec 9, 2025 (just now)
38645198 DOI	RummaGEO: Automatic Mining of Human and Mouse Gene Sets from GEO.	Marino, Giacomo B ...2 more...	0.258	0	1	1	bioRxiv	2024	Dec 9, 2025

		Ma'ayan, Avi							(just now)
[39415993](#) DOI	The molecular chronology of mammary epithelial cell fate switching.	Vallmajo-Martin, Queralt ...7 more... Lytle, Nikki K	0.187	0	1	1	bioRxiv	2024	Dec 9, 2025 (just now)
[37953774](#) DOI	Dex-Benchmark: datasets and code to evaluate algorithms for transcriptomics data analysis.	Xie, Zhuorui ...1 more... Ma'ayan, Avi	0.151	0	1	0.5	PeerJ	2023	Dec 9, 2025 (just now)
[39990419](#) DOI	Spatially distinct cellular and molecular landscapes define prognosis in triple negative breast c...	Mukund, Kavitha ...13 more... Subramaniam, Shankar	0	0	1	1	bioRxiv	2025	Dec 9, 2025 (just now)
[40133794](#) DOI	lncRNAlyzr: Enrichment Analysis for lncRNA Sets.	Evangelista, John Erol ...5 more... Ma'ayan, Avi	0	0	4	4	J Mol Biol	2025	Dec 9, 2025 (just now)

[40308216](#) DOI	L2S2: chemical perturbation and CRISPR KO LINCS L1000 signature search engine.	Marino, Giacomo B ...2 more... Ma'ayan, Avi	0	0	4	4	Nucleic Acids Res	2025	Dec 9, 2025 (just now)
[40956607](#) DOI	Creating an Interactive Web Interface for Networks Stored in Knowledge Graph Databases.	Evangelista, John Erol ...5 more... Ma'ayan, Avi	0	0	1	1	Curr Protoc	2025	Dec 9, 2025 (just now)
[40501705](#) DOI	A Gene Set Foundation Model Pre-Trained on a Massive Collection of Diverse Gene Sets.	Clarke, Daniel J B ...1 more... Ma'ayan, Avi	0	0	0	0	bioRxiv	2025	Dec 9, 2025 (just now)
[39565691](#) DOI	Protocol for using Multiomics2Targets to identify targets and driver kinases for cancer cohorts p...	Marino, Giacomo B ...6 more... Ma'ayan, Avi	0	0	0	0	STAR Protoc	2024	Dec 9, 2025 (just now)

[40672200](#) DOI	A novel subtyping method for TNBC with implications for prognosis and therapy.	Mesrizadeh, Zahra ...9 more... Subramaniam, Shankar	0	0	0	0	bioRxiv	2025	Dec 9, 2025 (just now)
[40832173](#) DOI	ChEA-KG: Human Transcription Factor Regulatory Network with a Knowledge Graph Interactive User In...	Byrd, Annal ...4 more... Ma'ayan, Avi	0	0	1	1	bioRxiv	2025	Dec 9, 2025 (just now)

Publications (cumulative)

Total: 15

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Name	Description		mits	Contrib.

2023   Apr   Jul   Oct   **2024**   Apr   Jul   Oct   2025

Notes

RCR   [Relative Citation Ratio ↗]

Repository   For storing, tracking changes to, and collaborating on a piece of software.

SIR   [Scimago Journal Rank ↗]

PR   "Pull request", a draft change (new feature, bug fix, etc.) to a repo.

Closed/Open   Resolved/unresolved.

Issue/PR Avg   Average time issues/pull requests stay open for before being closed.

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

Website metrics 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.