



(Core Project U24OD036598)

Overview

High-level info about this project.

Projects	Name	Award	Publications	Repositories	Analytics
4U24OD036598-08	Molecular Transducers of Physical Activity (MoTrPAC)	\$7.9M	14 publications	0 repositories	0 properties
3U24OD036598-08S1					
9U24OD036598-07					
3U24OD036598-07S1					
3U24OD036598-07S2					

Publications

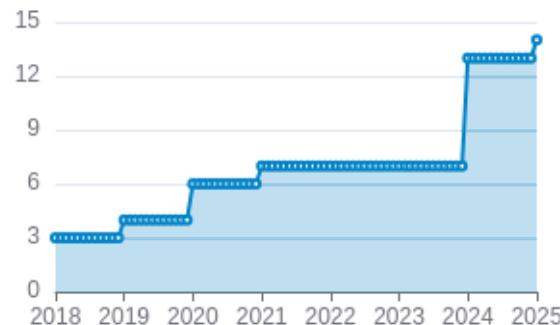
Published works associated with this project.

ID	Title	Authors	RC R	SJ R	Cit. ati ons	Cit. /ye ar	Journal	Pub lish ed	Upd ated
38693412 	Temporal dynamics of the multi-omic response to endurance exercise training.	MoTrPAC Study Group ...1 more...	33.01	18.28	149	74.5	Nature	2024	Feb 1, 2026
32589957	Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to...	Sanford, James A ...14 more... Molecular Transducers of Physical Activity Consortium	11.582	22.612	218	36.333	Cell	2020	Feb 1, 2026
38701776 	The mitochondrial multi-omic response to exercise training across rat tissues.	Amar, David ...28 more... MoTrPAC Study Group	11.523	11.989	53	26.5	Cell metabolism	2024	Feb 1, 2026
38693320 	Sexual dimorphism and the multi-omic response to exercise training in rat subcutaneous white adip...	Many, Gina M ...25 more... MoTrPAC Study Group	7.365	7.529	35	17.5	Nature metabolism	2024	Feb 1, 2026

			Nair, Venugopalan								
38697122	Molecular adaptations in response to exercise training are associated with tissue-specific transcri...	D ...22 more... MoTrPAC Study Group	5.9 22	6.2 38	29	14. 5	Cell genomics	202 4	Feb 1, 202 6		
34587765	Phenotypic Expression, Natural History, and Risk Stratification of Cardiomyopathy Caused by Filam...	Gigli, Marta ...34 more... Mestroni, Luisa	5.7 01	8.6 68	87	17. 4	Circulation	202 1	Feb 1, 202 6		
38984994	Physiological Adaptations to Progressive Endurance Exercise Training in Adult and Aged Rats: Insi...	Schenk, Simon ...16 more... MoTrPAC Study Group	5.4 45	0.8 77	22	11	Function (Oxford, England)	202 4	Feb 1, 202 6		
29601582	Cardiovascular disease: The rise of the genetic risk score.	Knowles, Joshua W Ashley, Euan A	3.9 35	4.2 79	115	14. 375	PLoS medicine	201 8	Feb 1, 202 6		
38634503	Molecular Transducers of Physical Activity Consortium (MoTrPAC): human studies design and protocol.	MoTrPAC Study Group ...92 more... Willis, Leslie	2.4 7	1.0 78	8	4	Journal of applied physiology (Bethesda, Md. : 1985)	202 4	Feb 1, 202 6		
29691392	Medical relevance of protein-truncating variants across 337,205 individuals in the UK Biobank study.	DeBoever, Christopher ...9 more... Rivas, Manuel A	2.3 78	4.7 61	85	10. 625	Nature communications	201 8	Feb 1, 202 6		

Publications (cumulative)

Total: 14



Notes

RCR [Relative Citation Ratio ↗](#)

SJR [Scimago Journal Rank ↗](#)

</> Repositories

Software repositories associated with this project.

Name	Description	Tags	Last Commit	S	F	W	C	I	S	P	R	n	o	C	L	C	L
				s	t	a	o	s	s	R	e	r	d	i	o	c	n
				a	r	r	m	s	e	A	a	d	b	f	e	n	g
JohnDoe	Backend API	nodejs, express, mongo	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
JaneSmith	Frontend UI	React, Next.js, Tailwind	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
BobJohnson	Database Admin	MySQL, PostgreSQL, MongoDB	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
MaryWilson	Cloud Dev	AWS Lambda, CloudWatch, S3	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
DavidMiller	Security	OpenSSL, TLS, JWT	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
EveBrown	Testing	JUnit, Selenium, Cypress	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
FrankWhite	Deployment	Docker, Kubernetes, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
GwenBlack	Infrastructure	Ansible, Terraform, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
HankPurple	Monitoring	CloudWatch Metrics, CloudWatch Metrics Insights	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
IrisBlue	Data Engineering	Apache Airflow, AWS Lambda, AWS Step Functions	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
JulietRed	Machine Learning	TensorFlow, PyTorch, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
KarenYellow	Cloud Native	Amazon Lambda, Amazon API Gateway, Amazon CloudWatch Logs	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
LiamGreen	Cloud Security	AWS Lambda, AWS CloudTrail, AWS CloudWatch Metrics	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
MiaPink	Cloud Monitoring	CloudWatch Metrics, CloudWatch Metrics Insights, CloudWatch Metrics Stream	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
NoahGrey	Cloud Deployment	Docker, Kubernetes, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
OliviaOrange	Cloud Infrastructure	Ansible, Terraform, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
PenelopePurple	Cloud Data Engineering	Apache Airflow, AWS Lambda, AWS Step Functions	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
QuinnYellow	Cloud Machine Learning	TensorFlow, PyTorch, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
RileyGreen	Cloud Cloud Native	Amazon Lambda, Amazon API Gateway, Amazon CloudWatch Logs	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
SophiaPink	Cloud Cloud Security	AWS Lambda, AWS CloudTrail, AWS CloudWatch Metrics	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
TaylorOrange	Cloud Cloud Monitoring	CloudWatch Metrics, CloudWatch Metrics Insights, CloudWatch Metrics Stream	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
UlyssesGrey	Cloud Cloud Deployment	Docker, Kubernetes, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
VivianPurple	Cloud Cloud Infrastructure	Ansible, Terraform, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
WesleyYellow	Cloud Cloud Data Engineering	Apache Airflow, AWS Lambda, AWS Step Functions	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
XavierGreen	Cloud Cloud Machine Learning	TensorFlow, PyTorch, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
YaraPink	Cloud Cloud Cloud Native	Amazon Lambda, Amazon API Gateway, Amazon CloudWatch Logs	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
ZaneOrange	Cloud Cloud Cloud Security	AWS Lambda, AWS CloudTrail, AWS CloudWatch Metrics	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
AriaPurple	Cloud Cloud Cloud Monitoring	CloudWatch Metrics, CloudWatch Metrics Insights, CloudWatch Metrics Stream	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
BellaYellow	Cloud Cloud Cloud Deployment	Docker, Kubernetes, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
CarmenGreen	Cloud Cloud Cloud Infrastructure	Ansible, Terraform, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
DanielaPink	Cloud Cloud Cloud Data Engineering	Apache Airflow, AWS Lambda, AWS Step Functions	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
EloiseOrange	Cloud Cloud Cloud Machine Learning	TensorFlow, PyTorch, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
FelicityPurple	Cloud Cloud Cloud Cloud Native	Amazon Lambda, Amazon API Gateway, Amazon CloudWatch Logs	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
GabrielaYellow	Cloud Cloud Cloud Cloud Security	AWS Lambda, AWS CloudTrail, AWS CloudWatch Metrics	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
HortenseGreen	Cloud Cloud Cloud Cloud Monitoring	CloudWatch Metrics, CloudWatch Metrics Insights, CloudWatch Metrics Stream	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
IrenePink	Cloud Cloud Cloud Cloud Deployment	Docker, Kubernetes, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
JeanneOrange	Cloud Cloud Cloud Cloud Infrastructure	Ansible, Terraform, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
KarenYellow	Cloud Cloud Cloud Cloud Data Engineering	Apache Airflow, AWS Lambda, AWS Step Functions	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
LorraineGreen	Cloud Cloud Cloud Cloud Machine Learning	TensorFlow, PyTorch, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
MargaretPink	Cloud Cloud Cloud Cloud Cloud Native	Amazon Lambda, Amazon API Gateway, Amazon CloudWatch Logs	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
NatalieOrange	Cloud Cloud Cloud Cloud Cloud Security	AWS Lambda, AWS CloudTrail, AWS CloudWatch Metrics	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
OpheliaGreen	Cloud Cloud Cloud Cloud Cloud Monitoring	CloudWatch Metrics, CloudWatch Metrics Insights, CloudWatch Metrics Stream	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
PenelopeYellow	Cloud Cloud Cloud Cloud Cloud Deployment	Docker, Kubernetes, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
QuinnGreen	Cloud Cloud Cloud Cloud Cloud Infrastructure	Ansible, Terraform, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
RachelPink	Cloud Cloud Cloud Cloud Cloud Data Engineering	Apache Airflow, AWS Lambda, AWS Step Functions	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
SophieOrange	Cloud Cloud Cloud Cloud Cloud Machine Learning	TensorFlow, PyTorch, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
TaylorYellow	Cloud Cloud Cloud Cloud Cloud Cloud Native	Amazon Lambda, Amazon API Gateway, Amazon CloudWatch Logs	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
UrsulaGreen	Cloud Cloud Cloud Cloud Cloud Cloud Security	AWS Lambda, AWS CloudTrail, AWS CloudWatch Metrics	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
VeronicaPink	Cloud Cloud Cloud Cloud Cloud Cloud Monitoring	CloudWatch Metrics, CloudWatch Metrics Insights, CloudWatch Metrics Stream	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
WendyOrange	Cloud Cloud Cloud Cloud Cloud Cloud Deployment	Docker, Kubernetes, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
XeniaGreen	Cloud Cloud Cloud Cloud Cloud Cloud Infrastructure	Ansible, Terraform, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
YvonnePink	Cloud Cloud Cloud Cloud Cloud Cloud Data Engineering	Apache Airflow, AWS Lambda, AWS Step Functions	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456
ZoëOrange	Cloud Cloud Cloud Cloud Cloud Cloud Machine Learning	TensorFlow, PyTorch, AWS Lambda	2023-01-15 12:00:00	123	456	789	0987654321	123	456	789	0987654321	123	456	789	0987654321	123	456

Built on Feb 2, 2026

Developed with support from NIH Award U54 OD036472

Notes

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.

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.