

# Zachary Trautt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/444616/publications.pdf>

Version: 2024-02-01

8  
papers

587  
citations

1684188

5  
h-index

1872680

6  
g-index

9  
all docs

9  
docs citations

9  
times ranked

1099  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fulfilling the promise of the materials genome initiative with high-throughput experimental methodologies. <i>Applied Physics Reviews</i> , 2017, 4, .	11.3	224
2	The joint automated repository for various integrated simulations (JARVIS) for data-driven materials design. <i>Npj Computational Materials</i> , 2020, 6, .	8.7	181
3	Computational screening of high-performance optoelectronic materials using OptB88vdW and TB-mBJ formalisms. <i>Scientific Data</i> , 2018, 5, 180082.	5.3	79
4	Informatics Infrastructure for the Materials Genome Initiative. <i>Jom</i> , 2016, 68, 2053-2064.	1.9	64
5	Scientific AI in materials science: a path to a sustainable and scalable paradigm. <i>Machine Learning: Science and Technology</i> , 2020, 1, 033001.	5.0	35
6	Towards improved FAIRness of the ThermoML Archive. <i>Journal of Computational Chemistry</i> , 2022, 43, 879-887.	3.3	4
7	Atomic-Scale Simulation of Grain Boundary Kinetics during Recrystallization. <i>Materials Research Society Symposia Proceedings</i> , 2004, 819, N6.7.1.	0.1	0
8	(Invited) Motivating the Collaboratory for High-Throughput Experimental Materials Science and Beyond.... <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0