

Matthew L Evans

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2961312/publications.pdf>

Version: 2024-02-01

7
papers

194
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

439
citing authors

#	ARTICLE	IF	CITATIONS
1	Sodiation and Desodiation via Helical Phosphorus Intermediates in High-Capacity Anodes for Sodium-Ion Batteries. <i>Journal of the American Chemical Society</i> , 2018, 140, 7994-8004.	13.7	85
2	OPTIMADE, an API for exchanging materials data. <i>Scientific Data</i> , 2021, 8, 217.	5.3	49
3	Computational Investigation of Copper Phosphides as Conversion Anodes for Lithium-Ion Batteries. <i>Chemistry of Materials</i> , 2020, 32, 6629-6639.	6.7	21
4	Ab initio Structure Prediction Methods for Battery Materials. <i>Johnson Matthey Technology Review</i> , 2020, 64, 103-118.	1.0	15
5	Robust model benchmarking and bias-imbalance in data-driven materials science: a case study on MODNet. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 404002.	1.8	12
6	matador: a Python library for analysing, curating and performing high-throughput density-functional theory calculations. <i>Journal of Open Source Software</i> , 2020, 5, 2563.	4.6	7
7	optimade-python-tools: a Python library for serving and consuming materials data via OPTIMADE APIs. <i>Journal of Open Source Software</i> , 2021, 6, 3458.	4.6	3