

# Tina Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7302603/publications.pdf>

Version: 2024-02-01

8  
papers

1,334  
citations

1163117  
8  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

1417  
citing authors

#	ARTICLE	IF	CITATIONS
1	Promises and Challenges of Next-Generation “Beyond Li-ion” Batteries for Electric Vehicles and Grid Decarbonization. <i>Chemical Reviews</i> , 2021, 121, 1623-1669.	47.7	769
2	Kinetic pathways of ionic transport in fast-charging lithium titanate. <i>Science</i> , 2020, 367, 1030-1034.	12.6	197
3	Efficient first-principles prediction of solid stability: Towards chemical accuracy. <i>Npj Computational Materials</i> , 2018, 4, .	8.7	157
4	Ionic Transport in Potential Coating Materials for Mg Batteries. <i>Chemistry of Materials</i> , 2019, 31, 8087-8099.	6.7	82
5	First-Principles Study of the Voltage Profile and Mobility of Mg Intercalation in a Chromium Oxide Spinel. <i>Chemistry of Materials</i> , 2018, 30, 153-162.	6.7	53
6	Evaluation of Mg Compounds as Coating Materials in Mg Batteries. <i>Frontiers in Chemistry</i> , 2019, 7, 24.	3.6	46
7	Effect of fluorination and Li-excess on the Li migration barrier in Mn-based cathode materials. <i>Journal of Materials Chemistry A</i> , 2020, 8, 19965-19974.	10.3	20
8	Approaches for handling high-dimensional cluster expansions of ionic systems. <i>Npj Computational Materials</i> , 2022, 8, .	8.7	10