

# Tianhong Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6959060/publications.pdf>

Version: 2024-02-01

12  
papers

1,522  
citations

933410

10  
h-index

1199563

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

2125  
citing authors

#	ARTICLE	IF	CITATIONS
1	Twinborn TiO <sub>2</sub> â€“TiN heterostructures enabling smooth trappingâ€“diffusionâ€“conversion of polysulfides towards ultralong life lithiumâ€“sulfur batteries. Energy and Environmental Science, 2017, 10, 1694-1703.	30.8	884
2	Fluorinated ether electrolyte with controlled solvation structure for high voltage lithium metal batteries. Nature Communications, 2022, 13, 2575.	12.8	147
3	An in-plane heterostructure of graphene and titanium carbide for efficient polysulfide confinement. Nano Energy, 2017, 39, 291-296.	16.0	142
4	Lithiumâ€“Salt Mediated Synthesis of a Covalent Triazine Framework for Highly Stable Lithium Metal Batteries. Angewandte Chemie - International Edition, 2019, 58, 16795-16799.	13.8	72
5	Electrostatic-spraying an ultrathin, multifunctional and compact coating onto a cathode for a long-life and high-rate lithium-sulfur battery. Nano Energy, 2016, 30, 138-145.	16.0	71
6	Ionic Liquid Functionalized Gel Polymer Electrolytes for Stable Lithium Metal Batteries. Angewandte Chemie - International Edition, 2021, 60, 22791-22796.	13.8	58
7	Integrated Ringâ€“Chain Design of a New Fluorinated Ether Solvent for Highâ€“Voltage Lithiumâ€“Metal Batteries. Angewandte Chemie - International Edition, 2022, 61, e202115884.	13.8	50
8	Stable Solid Electrolyte Interphase Formation Induced by Monoquat-Based Anchoring in Lithium Metal Batteries. ACS Energy Letters, 2021, 6, 1711-1718.	17.4	40
9	Lithiumâ€“Salt Mediated Synthesis of a Covalent Triazine Framework for Highly Stable Lithium Metal Batteries. Angewandte Chemie, 2019, 131, 16951-16955.	2.0	26
10	Ionic Liquid Functionalized Gel Polymer Electrolytes for Stable Lithium Metal Batteries. Angewandte Chemie, 2021, 133, 22973-22978.	2.0	19
11	Integrated Ringâ€“Chain Design of a New Fluorinated Ether Solvent for Highâ€“Voltage Lithiumâ€“Metal Batteries. Angewandte Chemie, 2022, 134, .	2.0	8
12	Fluorinated Cyclic Ether Co-solvents for Ultra-high-Voltage Practical Lithium-Metal Batteries. ACS Applied Energy Materials, 2022, 5, 7784-7790.	5.1	5