

# Tingzhou Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9464594/publications.pdf>

Version: 2024-02-01

20  
papers

1,871  
citations

489802

18  
h-index

843174

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

4032  
citing authors

#	ARTICLE	IF	CITATIONS
1	All-Liquid-Phase Reaction Mechanism Enabling Cryogenic Li-S Batteries. ACS Nano, 2021, 15, 13847-13856.	7.3	55
2	Lithium dendrite inhibition via 3D porous lithium metal anode accompanied by inherent SEI layer. Energy Storage Materials, 2020, 26, 385-390.	9.5	52
3	Boosting the Optimization of Lithium Metal Batteries by Molecular Dynamics Simulations: A Perspective. Advanced Energy Materials, 2020, 10, 2002373.	10.2	56
4	Artificial Lithium Isopropyl-Sulfide Macromolecules as an Ion-Selective Interface for Long-Life Lithium-Sulfur Batteries. ACS Applied Materials & Interfaces, 2020, 12, 54537-54544.	4.0	49
5	Form-stable phase change materials based on polyolefin elastomer and octadecylamine-functionalized graphene for thermal energy storage. Nanotechnology, 2020, 31, 245402.	1.3	6
6	A New Type of Electrolyte System To Suppress Polysulfide Dissolution for Lithium-Sulfur Battery. ACS Nano, 2019, 13, 9067-9073.	7.3	69
7	Stabilizing cathodes of lithium-sulfur batteries by the chemical binding of sulfur and their discharge products to carbon nanofibers. New Journal of Chemistry, 2019, 43, 15267-15274.	1.4	7
8	Mega High Utilization of Sodium Metal Anodes Enabled by Single Zinc Atom Sites. Nano Letters, 2019, 19, 7827-7835.	4.5	86
9	Single-cluster Au as an usher for deeply cyclable Li metal anodes. Journal of Materials Chemistry A, 2019, 7, 14496-14503.	5.2	51
10	A New Type of Multifunctional Polar Binder: Toward Practical Application of High Energy Lithium Sulfur Batteries. Advanced Materials, 2017, 29, 1605160.	11.1	284
11	Half and full sodium-ion batteries based on maize with high-loading density and long-cycle life. Nanoscale, 2016, 8, 15497-15504.	2.8	35
12	Half-cell and full-cell applications of horizontally aligned reduced oxide graphene/V <sub>2</sub> O <sub>5</sub> sheets as cathodes for high stability lithium-ion batteries. RSC Advances, 2016, 6, 98581-98587.	1.7	19
13	Half-Cell and Full-Cell Applications of Highly Stable and Binder-Free Sodium Ion Batteries Based on Cu <sub>3</sub> P Nanowire Anodes. Advanced Functional Materials, 2016, 26, 5019-5027.	7.8	243
14	A Sustainable Route from Biomass Byproduct Okara to High Content Nitrogen-Doped Carbon Sheets for Efficient Sodium Ion Batteries. Advanced Materials, 2016, 28, 539-545.	11.1	384
15	Porous Si Nanowires from Cheap Metallurgical Silicon Stabilized by a Surface Oxide Layer for Lithium Ion Batteries. Advanced Functional Materials, 2015, 25, 6701-6709.	7.8	173
16	On-chip supercapacitors with ultrahigh volumetric performance based on electrochemically co-deposited CuO/polypyrrole nanosheet arrays. Nanotechnology, 2015, 26, 425402.	1.3	30
17	Nanomeses of highly crystalline nitrogen-doped carbon encapsulated Fe/Fe <sub>3</sub> C electrodes as ultrafast and stable anodes for Li-ion batteries. Journal of Materials Chemistry A, 2015, 3, 15008-15014.	5.2	51
18	A new approach towards the synthesis of nitrogen-doped graphene/MnO <sub>2</sub> hybrids for ultralong cycle-life lithium ion batteries. Journal of Materials Chemistry A, 2015, 3, 6291-6296.	5.2	52

#	ARTICLE	IF	CITATIONS
19	Highly Flexible Full Lithium Batteries with Self-Knitted $\text{MnO}_2$ Fabric Foam. ACS Applied Materials & Interfaces, 2015, 7, 25298-25305.	4.0	34
20	Interconnected three-dimensional $\text{V}_2\text{O}_5$ /polypyrrole network nanostructures for high performance solid-state supercapacitors. Journal of Materials Chemistry A, 2015, 3, 488-493.	5.2	135