

# Xinbo Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11737164/publications.pdf>

Version: 2024-02-01

11  
papers

2,140  
citations

933447

10  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

3903  
citing authors

#	ARTICLE	IF	CITATIONS
1	In Situ Coupling of Strung $\text{Co}_4\text{N}$ and Intertwined $\text{N}_x\text{C}$ Fibers toward Free-Standing Bifunctional Cathode for Robust, Efficient, and Flexible $\text{Zn-Air}$ Batteries. <i>Journal of the American Chemical Society</i> , 2016, 138, 10226-10231.	13.7	839
2	Functional and stability orientation synthesis of materials and structures in aprotic $\text{Li-O}_2$ batteries. <i>Chemical Society Reviews</i> , 2018, 47, 2921-3004.	38.1	282
3	Recent Progress in Electrocatalyst for $\text{Li-O}_2$ Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1700875.	19.5	235
4	In Situ Activating Ubiquitous Rust towards Low-Cost, Efficient, Free-Standing, and Recoverable Oxygen Evolution Electrodes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9937-9941.	13.8	173
5	Alkali Metal Anodes for Rechargeable Batteries. <i>CheM</i> , 2019, 5, 313-338.	11.7	170
6	Flexible Metal-Air Batteries: Progress, Challenges, and Perspectives. <i>Small Methods</i> , 2018, 2, 1700231.	8.6	157
7	Recent advances in metal-nitrogen-carbon catalysts for electrochemical water splitting. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2155-2173.	5.9	109
8	Crystallographic and electrochemical characteristics of $\text{La}_{0.7}\text{Mg}_{0.3}\text{Ni}_{3.5-x}(\text{Al}_{0.5}\text{Mo}_{0.5})_x$ ( $x=0-0.8$ ) hydrogen storage alloys. <i>Journal of Power Sources</i> , 2006, 154, 290-297.	7.8	72
9	Electrode Protection in High-Efficiency $\text{Li-O}_2$ Batteries. <i>ACS Central Science</i> , 2020, 6, 2136-2148.	11.3	62
10	Crystal structure and electrochemical properties of rare earth non-stoichiometric AB <sub>5</sub> -type alloy as negative electrode material in Ni-MH battery. <i>Journal of Solid State Chemistry</i> , 2004, 177, 2373-2377.	2.9	34
11	Stretchable Electrode Breakthrough: Archimedean Spiral Coil Lithium Anode. <i>Joule</i> , 2018, 2, 1654-1656.	24.0	7