

# Hong Tan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8174702/publications.pdf>

Version: 2024-02-01

15  
papers

1,266  
citations

759233

12  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1631  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bismuth Microparticles as Advanced Anodes for Potassium-ion Battery. <i>Advanced Energy Materials</i> , 2018, 8, 1703496.	19.5	306
2	Nanostructures of solid electrolyte interphases and their consequences for microsized Sn anodes in sodium ion batteries. <i>Energy and Environmental Science</i> , 2019, 12, 1550-1557.	30.8	167
3	Realizing high-power and high-capacity zinc/sodium metal anodes through interfacial chemistry regulation. <i>Nature Communications</i> , 2021, 12, 3083.	12.8	167
4	K <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> F <sub>3</sub> as a robust cathode for potassium-ion batteries. <i>Energy Storage Materials</i> , 2019, 16, 97-101.	18.0	145
5	Tailoring desolvation kinetics enables stable zinc metal anodes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 19367-19374.	10.3	136
6	Advanced lignin-derived hard carbon for Na-ion batteries and a comparison with Li and K ion storage. <i>Carbon</i> , 2020, 157, 316-323.	10.3	121
7	Preserved Layered Structure Enables Stable Cyclic Performance of MoS <sub>2</sub> upon Potassium Insertion. <i>Chemistry of Materials</i> , 2019, 31, 8801-8809.	6.7	39
8	Understanding potassium ion storage mechanism in pitch-derived soft carbon and the consequence on cyclic stability. <i>Journal of Power Sources</i> , 2021, 506, 230179.	7.8	39
9	Exploring room- and low-temperature performance of hard carbon material in half and full Na-ion batteries. <i>Electrochimica Acta</i> , 2019, 316, 60-68.	5.2	32
10	Rational design of microstructure and interphase enables high-capacity and long-life carbon anodes for potassium ion batteries. <i>Carbon</i> , 2021, 176, 383-389.	10.3	30
11	KVPO <sub>4</sub> F as a novel insertion-type anode for potassium ion batteries. <i>Chemical Communications</i> , 2019, 55, 11311-11314.	4.1	28
12	Synergistic PF <sub>6</sub> <sup>-</sup> and FSI <sup>-</sup> intercalation enables stable graphite cathode for potassium-based dual ion battery. <i>Carbon</i> , 2021, 178, 363-370.	10.3	25
13	Exploring the structure evolution of MoS <sub>2</sub> upon Li/Na/K ion insertion and the origin of the unusual stability in potassium ion batteries. <i>Nanoscale Horizons</i> , 2020, 5, 1618-1627.	8.0	13
14	The underestimated charge storage capability of carbon cathodes for advanced alkali metal-ion capacitors. <i>Nanoscale</i> , 2019, 11, 11445-11450.	5.6	9
15	Critical roles of microstructure and interphase on the stability of microsized germanium anode. <i>Journal of Power Sources</i> , 2021, 481, 228916.	7.8	9