Pan He

List of Publications by Year
in descending order

19 papers	5,243 citations	535685 17 h-index	889612 19 g-index
19 all docs	19 docs citations	19 times ranked	4061 citing authors

#	Article	IF	Citations
1	Chemical Passivation Stabilizes Zn Anode. Advanced Materials, 2022, 34, e2109872.	11.1	81
2	Constructing Three-Dimensional Macroporous TiO₂ Microspheres with Enhanced Pseudocapacitive Lithium Storage under Deep Discharging/Charging Conditions. ACS Applied Materials & Interfaces, 2021, 13, 16528-16535.	4.0	7
3	Detrimental Effects of Surface Imperfections and Unpolished Edges on the Cycling Stability of a Zinc Foil Anode. ACS Energy Letters, 2021, 6, 1990-1995.	8.8	89
4	Quicker and More Zn²⁺ Storage Predominantly from the Interface. Advanced Materials, 2021, 33, e2100359.	11.1	111
5	Self-Charging Textile Woven from Dissimilar Household Fibers for Air Filtration: A Proof of Concept. ACS Omega, 2021, 6, 26311-26317.	1.6	3
6	Reversible V3+/V5+ double redox in lithium vanadium oxide cathode for zinc storage. Energy Storage Materials, 2020, 29, 113-120.	9.5	85
7	Building better zinc-ion batteries: A materials perspective. EnergyChem, 2019, 1, 100022.	10.1	153
8	Novel hollow Ni0.33Co0.67Se nanoprisms for high capacity lithium storage. Nano Research, 2019, 12, 1371-1374.	5.8	22
9	Ultrastable and High-Performance Zn/VO₂ Battery Based on a Reversible Single-Phase Reaction. Chemistry of Materials, 2019, 31, 699-706.	3.2	227
10	Porous nitrogen-doped carbon/MnO coaxial nanotubes as an efficient sulfur host for lithium sulfur batteries. Nano Research, 2019, 12, 205-210.	5.8	39
11	Graphene Scrollâ€Coated Î±â€MnO₂ Nanowires as Highâ€Performance Cathode Materials for Aqueous Znâ€Ion Battery. Small, 2018, 14, e1703850.	5.2	563
12	Sodium Ion Stabilized Vanadium Oxide Nanowire Cathode for Highâ€Performance Zincâ€Ion Batteries. Advanced Energy Materials, 2018, 8, 1702463.	10.2	650
13	Novel layered iron vanadate cathode for high-capacity aqueous rechargeable zinc batteries. Chemical Communications, 2018, 54, 4041-4044.	2.2	167
14	Waterâ€Lubricated Intercalation in V₂O₅·nH₂O for Highâ€Capacity and Highâ€Rate Aqueous Rechargeable Zinc Batteries. Advanced Materials, 2018, 30, 1703725.	11.1	1,084
15	Ultrathin Surface Coating Enables Stabilized Zinc Metal Anode. Advanced Materials Interfaces, 2018, 5, 1800848.	1.9	476
16	Layered VS₂ Nanosheetâ€Based Aqueous Zn Ion Battery Cathode. Advanced Energy Materials, 2017, 7, 1601920.	10.2	961
17	Facile and Scalable Synthesis of Zn₃V₂O₇(OH)₂·2H₂O Microflowers as a High-Performance Anode for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2017, 9, 27707-27714.	4.0	48
18	Oxalate-assisted formation of uniform carbon-confined SnO₂ nanotubes with enhanced lithium storage. Chemical Communications, 2017, 53, 9542-9545.	2.2	22

#	Article	IF	Citations
19	Highâ€Performance Aqueous Zincâ€“Ion Battery Based on Layered H₂V₃O₈ Nanowire Cathode. Small, 2017, 13, 1702551.	5.2	455