

# Pan He

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

5,243  
citations

471477

17  
h-index

794568

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

3522  
citing authors

#	ARTICLE	IF	CITATIONS
1	Water-Lubricated Intercalation in $V_2O_5 \cdot nH_2O$ for High-Capacity and High-Rate Aqueous Rechargeable Zinc Batteries. <i>Advanced Materials</i> , 2018, 30, 1703725.	21.0	1,084
2	Layered $V_2O_5$ Nanosheet-Based Aqueous Zn Ion Battery Cathode. <i>Advanced Energy Materials</i> , 2017, 7, 1601920.	19.5	961
3	Sodium Ion Stabilized Vanadium Oxide Nanowire Cathode for High-Performance Zinc-Ion Batteries. <i>Advanced Energy Materials</i> , 2018, 8, 1702463.	19.5	650
4	Graphene Scroll-Coated $\pm MnO_2$ Nanowires as High-Performance Cathode Materials for Aqueous Zn-Ion Battery. <i>Small</i> , 2018, 14, e1703850.	10.0	563
5	Ultrathin Surface Coating Enables Stabilized Zinc Metal Anode. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800848.	3.7	476
6	High-Performance Aqueous Zinc-Ion Battery Based on Layered $H_2V_3O_8$ Nanowire Cathode. <i>Small</i> , 2017, 13, 1702551.	10.0	455
7	Ultrastable and High-Performance $Zn/VO_2$ Battery Based on a Reversible Single-Phase Reaction. <i>Chemistry of Materials</i> , 2019, 31, 699-706.	6.7	227
8	Novel layered iron vanadate cathode for high-capacity aqueous rechargeable zinc batteries. <i>Chemical Communications</i> , 2018, 54, 4041-4044.	4.1	167
9	Building better zinc-ion batteries: A materials perspective. <i>EnergyChem</i> , 2019, 1, 100022.	19.1	153
10	Quicker and More $Zn^{2+}$ Storage Predominantly from the Interface. <i>Advanced Materials</i> , 2021, 33, e2100359.	21.0	111
11	Detrimental Effects of Surface Imperfections and Unpolished Edges on the Cycling Stability of a Zinc Foil Anode. <i>ACS Energy Letters</i> , 2021, 6, 1990-1995.	17.4	89
12	Reversible $V^{3+}/V^{5+}$ double redox in lithium vanadium oxide cathode for zinc storage. <i>Energy Storage Materials</i> , 2020, 29, 113-120.	18.0	85
13	Chemical Passivation Stabilizes Zn Anode. <i>Advanced Materials</i> , 2022, 34, e2109872.	21.0	81
14	Facile and Scalable Synthesis of $Zn_3V_2O_7(OH) \cdot 2H_2O$ Microflowers as a High-Performance Anode for Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 27707-27714.	8.0	48
15	Porous nitrogen-doped carbon/MnO coaxial nanotubes as an efficient sulfur host for lithium sulfur batteries. <i>Nano Research</i> , 2019, 12, 205-210.	10.4	39
16	Oxalate-assisted formation of uniform carbon-confined $SnO_2$ nanotubes with enhanced lithium storage. <i>Chemical Communications</i> , 2017, 53, 9542-9545.	4.1	22
17	Novel hollow $Ni_{0.33}Co_{0.67}Se$ nanoprisms for high capacity lithium storage. <i>Nano Research</i> , 2019, 12, 1371-1374.	10.4	22
18	Constructing Three-Dimensional Macroporous $TiO_2$ Microspheres with Enhanced Pseudocapacitive Lithium Storage under Deep Discharging/Charging Conditions. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 16528-16535.	8.0	7

#	ARTICLE	IF	CITATIONS
19	Self-Charging Textile Woven from Dissimilar Household Fibers for Air Filtration: A Proof of Concept. ACS Omega, 2021, 6, 26311-26317.	3.5	3