

# Pan He

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

5,243  
citations

471509  
17  
h-index

794594  
19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

3522  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Water-Lubricated Intercalation in $\text{V}_{2}\text{O}_5\cdot\text{nH}_2\text{O}$ for High-Capacity and High-Rate Aqueous Rechargeable Zinc Batteries. <i>Advanced Materials</i> , 2018, 30, 1703725.   | 21.0 | 1,084     |
| 2  | Layered $\text{VS}_2$ 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 $\text{MnO}_2$ 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 $\text{H}_2\text{V}_3\text{O}_8$ Nanowire Cathode. <i>Small</i> , 2017, 13, 1702551.  | 10.0 | 455       |
| 7  | Ultrastable and High-Performance $\text{Zn}/\text{VO}_2$ 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 $\text{Zn}^{2+}$ 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 $\text{V}^{3+}/\text{V}^{5+}$ 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 $\text{Zn}_3\text{V}_2\text{O}_7(\text{OH})\cdot 2\text{H}_2\text{O}$ 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/ $\text{MnO}$ 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 $\text{SnO}_2$ nanotubes with enhanced lithium storage. <i>Chemical Communications</i> , 2017, 53, 9542-9545.  | 4.1  | 22        |
| 17 | Novel hollow $\text{Ni}_{0.33}\text{Co}_{0.67}\text{Se}$ nanoprisms for high capacity lithium storage. <i>Nano Research</i> , 2019, 12, 1371-1374.   | 10.4 | 22        |
| 18 | Constructing Three-Dimensional Macroporous $\text{TiO}_2$ 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.<br>ACS Omega, 2021, 6, 26311-26317. | 3.5 | 3         |