

Buke Wu

List of Publications by Year in descending order

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13
papers

1,527
citations

759190

12
h-index

1125717

13
g-index

13
all docs

13
docs citations

13
times ranked

1861
citing authors

#	ARTICLE	IF	CITATIONS
1	Realizing high-voltage aqueous zinc-ion batteries with expanded electrolyte electrochemical stability window. Chinese Chemical Letters, 2023, 34, 107629.	9.0	16
2	Nitrogen, Oxygenâ€Codoped Vertical Graphene Arrays Coated 3D Flexible Carbon Nanofibers with High Silicon Content as an Ultrastable Anode for Superior Lithium Storage. Advanced Science, 2022, 9, e2104685.	11.2	42
3	Comprehensive understanding of the roles of water molecules in aqueous Zn-ion batteries: from electrolytes to electrode materials. Energy and Environmental Science, 2021, 14, 3796-3839.	30.8	257
4	Achieving better aqueous rechargeable zinc ion batteries with heterostructure electrodes. Nano Research, 2021, 14, 3174-3187.	10.4	40
5	Efficient Proton Transport in Stable Functionalized Channels of Zirconium Metalâ€Organic Frameworks. ACS Applied Energy Materials, 2021, 4, 8303-8310.	5.1	16
6	Iron-doped metal-organic framework with enhanced oxygen evolution reaction activity for overall water splitting. International Journal of Hydrogen Energy, 2021, 46, 34565-34573.	7.1	9
7	A cation selective separator induced cathode protective layer and regulated zinc deposition for zinc ion batteries. Journal of Materials Chemistry A, 2021, 9, 4734-4743.	10.3	97
8	Novel Charging-Optimized Cathode for a Fast and High-Capacity Zinc-Ion Battery. ACS Applied Materials & Interfaces, 2020, 12, 10420-10427.	8.0	43
9	A Novel Dendriteâ€Free Mn ²⁺ /Zn ²⁺ Hybrid Battery with 2.3 V Voltage Window and 11000â€Cycle Lifespan. Advanced Energy Materials, 2019, 9, 1901469.	19.5	175
10	Illuminating phase transformation dynamics of vanadium oxide cathode by multimodal techniques under operando conditions. Nano Research, 2019, 12, 905-910.	10.4	12
11	Fe ₂ VO ₄ Hierarchical Porous Microparticles Prepared via a Facile Surface Solvation Treatment for Highâ€Performance Lithium and Sodium Storage. Small, 2019, 15, e1804706.	10.0	30
12	Anions induced evolution of Co ₃ X ₄ (X ⁻ =â€O, S, Se) as sodium-ion anodes: The influences of electronic structure, morphology, electrochemical property. Nano Energy, 2018, 48, 617-629.	16.0	227
13	Graphene Scrollâ€Coated Î±â€MnO ₂ Nanowires as Highâ€Performance Cathode Materials for Aqueous Znâ€Ion Battery. Small, 2018, 14, e1703850.	10.0	563