Active Materials for Aqueous Zinc Ion Batteries: Synthe Morphology, and Electrochemistry

Chemical Reviews

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Citation Report

#	Article	IF	Citations
1	Energy Storage Chemistry in Aqueous Zinc Metal Batteries. ACS Energy Letters, 2020, 5, 3569-3590.	8.8	163
2	Understanding the Design Principles of Advanced Aqueous Zincâ€Ion Battery Cathodes: From Transport Kinetics to Structural Engineering, and Future Perspectives. Advanced Energy Materials, 2020, 10, 2002354.	10.2	193
3	Long-Life Zinc/Vanadium Pentoxide Battery Enabled by a Concentrated Aqueous ZnSO₄ Electrolyte with Proton and Zinc Ion Co-Intercalation. ACS Applied Energy Materials, 2020, 3, 11183-11192.	2.5	82
4	Electrochemically Induced Metalâ€“Organicâ€Frameworkâ€Derived Amorphous V₂O₅ for Superior Rate Aqueous Zincâ€Ion Batteries. Angewandte Chemie, 2020, 132, 22186-22190.	1.6	32
5	Electrochemically Induced Metalâ€“Organicâ€Frameworkâ€Derived Amorphous V₂O₅ for Superior Rate Aqueous Zincâ€Ion Batteries. Angewandte Chemie - International Edition, 2020, 59, 22002-22006.	7.2	301
6	Quasi-Solid-State Zinc Ion Rechargeable Batteries for Subzero Temperature Applications. ACS Applied Energy Materials, 2020, 3, 9058-9065.	2.5	33
7	Dendrite-free Zn anodes enabled by functional nitrogen-doped carbon protective layers for aqueous zinc-ion batteries. Dalton Transactions, 2020, 49, 17629-17634.	1.6	53
8	Facile synthesis of ultra-large V2O5 xerogel flakes and its application as a cathode material for aqueous Zn-ion batteries. Materials Today Communications, 2021, 26, 101849.	0.9	8
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15	Challenges and strategies of zinc anode for aqueous zinc-ion batteries. Materials Chemistry Frontiers, 2021, 5, 2201-2217.	3.2	50
16	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.	15.6	257
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18	A new tunnel-type V₄O₉ cathode for high power density aqueous zinc ion batteries. Inorganic Chemistry Frontiers, 2021, 8, 4497-4506.	3.0	24

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19	Enhanced electrochemical performance of MnO₂ nanoparticles: graphene aerogels as conductive substrates and capacitance contributors. Dalton Transactions, 2021, 50, 8776-8784.	1.6	6
20	Suppressing cathode dissolution via guest engineering for durable aqueous zinc-ion batteries. Journal of Materials Chemistry A, 2021, 9, 7631-7639.	5.2	47
21	Realizing an Allâ€Round Hydrogel Electrolyte toward Environmentally Adaptive Dendriteâ€Free Aqueous Znâ€“MnO₂ Batteries. Advanced Materials, 2021, 33, e2007559.	11.1	250
22	A unique morphology and interface dual-engineering strategy enables the holey C@VO₂ cathode with enhanced storage kinetics for aqueous Zn-ion batteries. Journal of Materials Chemistry A, 2021, 9, 8792-8804.	5.2	37
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