

Xiaoyong Fan

List of Publications by Year in descending order

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papers

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all docs

20
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20
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	High Energy Density in Combination with High Cycling Stability in Hybrid Supercapacitors. ACS Applied Materials & Interfaces, 2022, 14, 2674-2682.	8.0	57
2	Controllable 3D Porous Ni Current Collector Coupled with Surface Phosphorization Enhances Na Storage of Ni ₃ S ₂ Nanosheet Arrays. Small, 2022, 18, e2106161.	10.0	14
3	Bi ³⁺ Induced Crystal Growth of a Symbiotic Heterojunction Enables Long-Life Span Zn-Ion Batteries. ChemElectroChem, 2022, 9, .	3.4	3
4	Construction of Dendrite-free Lithium Metal Electrode Using Three-Dimensional Porous Copper and Zinc Coatings. Acta Chimica Sinica, 2022, 80, 517.	1.4	1
5	LiVOPO ₄ -Modified Lithium-Rich Layered Composite Cathodes for High-Performance Lithium-Ion Batteries. ChemElectroChem, 2021, 8, 532-538.	3.4	7
6	Three-dimensional networked Na ₃ V ₂ (PO ₄) ₃ /C composite as high-performance cathode for aqueous zinc-ion battery. Functional Materials Letters, 2021, 14, 2150011.	1.2	5
7	Enabling Stable Zn Anode via a Facile Alloying Strategy and 3D Foam Structure. Advanced Materials Interfaces, 2021, 8, 2002184.	3.7	59
8	Bi ₂ O ₃ Induced Ultralong Cycle Lifespan and High Capacity of MnO ₂ Nanotube Cathodes in Aqueous Zinc-Ion Batteries. ACS Applied Energy Materials, 2021, 4, 7355-7364.	5.1	14
9	Electrochemical controllable synthesis of MnO ₂ as cathode of rechargeable Zinc-ion battery. Functional Materials Letters, 2020, 13, 2050011.	1.2	4
10	A superhigh-temperature hydrothermal treatment to construct CoFe ₂ O ₄ @C/graphene composite for enhanced lithium storage. Materials Technology, 2020, 35, 682-689.	3.0	2
11	Porous FeO _x /carbon nanocomposites with different iron oxidation degree for building high-performance lithium ion batteries. Nanotechnology, 2020, 31, 285403.	2.6	7
12	Cathodic electrodeposition of porous MnO ₂ film as binder-free cathode for high performance rechargeable Zinc-ion battery. Functional Materials Letters, 2019, 12, 1950073.	1.2	11
13	Novel ternary transition metal oxide solid solution: mesoporous Ni-Mn-Co-O nanowire arrays as an integrated anode for high-power lithium-ion batteries. Dalton Transactions, 2019, 48, 2741-2749.	3.3	18
14	Rice Husk-Based 3D Porous Silicon/Carbon Nanocomposites as Anode for Lithium-Ion Batteries. Energy Technology, 2019, 7, 1800787.	3.8	13
15	Three-dimensional Porous Current Collector for Lithium Storage Enhancement of NiO Electrode. Acta Chimica Sinica, 2019, 77, 551.	1.4	4
16	Soft-template construction of three-dimensionally ordered inverse opal structure from Li ₂ FeSiO ₄ /C composite nanofibers for high-rate lithium-ion batteries. Nanoscale, 2016, 8, 12202-12214.	5.6	44
17	Porous micrometer-sized MnO cubes as anode of lithium ion battery. Electrochimica Acta, 2016, 200, 152-160.	5.2	42
18	Solution-processable design strategy for a Li ₂ FeSiO ₄ @C/Fe nanocomposite as a cathode material for high power lithium-ion batteries. RSC Advances, 2014, 4, 35541-35545.	3.6	5

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19	Improving high-rate performance of mesoporous Li ₂ FeSiO ₄ /Fe ₇ SiO ₁₀ /C nanocomposite cathode with a mixed valence Fe ₇ SiO ₁₀ nanocrystal. Journal of Materials Chemistry A, 2014, 2, 4375.	10.3	21