

Xiaoyong Fan

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

331
citations

933447

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839539

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20
all docs

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docs citations

20
times ranked

411
citing authors

#	ARTICLE	IF	CITATIONS
1	Enabling Stable Zn Anode via a Facile Alloying Strategy and 3D Foam Structure. <i>Advanced Materials Interfaces</i> , 2021, 8, 2002184.	3.7	59
2	High Energy Density in Combination with High Cycling Stability in Hybrid Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 2674-2682.	8.0	57
3	Soft-template construction of three-dimensionally ordered inverse opal structure from $\text{Li}_2\text{FeSiO}_4/\text{C}$ composite nanofibers for high-rate lithium-ion batteries. <i>Nanoscale</i> , 2016, 8, 12202-12214.	5.6	44
4	Porous micrometer-sized MnO cubes as anode of lithium ion battery. <i>Electrochimica Acta</i> , 2016, 200, 152-160.	5.2	42
5	Improving high-rate performance of mesoporous $\text{Li}_2\text{FeSiO}_4/\text{Fe}_7\text{SiO}_{10}/\text{C}$ nanocomposite cathode with a mixed valence $\text{Fe}_7\text{SiO}_{10}$ nanocrystal. <i>Journal of Materials Chemistry A</i> , 2014, 2, 4375.	10.3	21
6	Novel ternary transition metal oxide solid solution: mesoporous $\text{Ni}^{x}\text{Mn}^{y}\text{Co}^{z}\text{O}$ nanowire arrays as an integrated anode for high-power lithium-ion batteries. <i>Dalton Transactions</i> , 2019, 48, 2741-2749.	3.3	18
7	Bi_2O_3 Induced Ultralong Cycle Lifespan and High Capacity of MnO_2 Nanotube Cathodes in Aqueous Zinc-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 7355-7364.	5.1	14
8	Controllable 3D Porous Ni Current Collector Coupled with Surface Phosphorization Enhances Na Storage of Ni_3S_2 Nanosheet Arrays. <i>Small</i> , 2022, 18, e2106161.	10.0	14
9	Rice Husk-Based 3D Porous Silicon/Carbon Nanocomposites as Anode for Lithium-Ion Batteries. <i>Energy Technology</i> , 2019, 7, 1800787.	3.8	13
10	Cathodic electrodeposition of porous MnO_2 film as binder-free cathode for high performance rechargeable Zinc-ion battery. <i>Functional Materials Letters</i> , 2019, 12, 1950073.	1.2	11
11	Porous FeO_x /carbon nanocomposites with different iron oxidation degree for building high-performance lithium ion batteries. <i>Nanotechnology</i> , 2020, 31, 285403.	2.6	7
12	LiVOPO_4 -Modified Lithium-Rich Layered Composite Cathodes for High-Performance Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2021, 8, 532-538.	3.4	7
13	Solution-processable design strategy for a $\text{Li}_2\text{FeSiO}_4@\text{C}/\text{Fe}$ nanocomposite as a cathode material for high power lithium-ion batteries. <i>RSC Advances</i> , 2014, 4, 35541-35545.	3.6	5
14	Three-dimensional networked $\text{Na}_3\text{V}_2(\text{PO}_4)_3/\text{C}$ composite as high-performance cathode for aqueous zinc-ion battery. <i>Functional Materials Letters</i> , 2021, 14, 2150011.	1.2	5
15	Electrochemical controllable synthesis of MnO_2 as cathode of rechargeable Zinc-ion battery. <i>Functional Materials Letters</i> , 2020, 13, 2050011.	1.2	4
16	Three-dimensional Porous Current Collector for Lithium Storage Enhancement of NiO Electrode. <i>Acta Chimica Sinica</i> , 2019, 77, 551.	1.4	4
17	Bi^{3+} Induced Crystal Growth of a Symbiotic Heterojunction Enables Long-Lifespan Zn-Ion Batteries. <i>ChemElectroChem</i> , 2022, 9, .	3.4	3
18	A superhigh-temperature hydrothermal treatment to construct $\text{CoFe}_2\text{O}_4@\text{C}/\text{graphene}$ composite for enhanced lithium storage. <i>Materials Technology</i> , 2020, 35, 682-689.	3.0	2

#	ARTICLE	IF	CITATIONS
19	Construction of Dendrite-free Lithium Metal Electrode Using Three-Dimensional Porous Copper and Zinc Coatings. <i>Acta Chimica Sinica</i> , 2022, 80, 517.	1.4	1