

Hong Yin

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,034
citations

516710

16
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

1388
citing authors

#	ARTICLE	IF	CITATIONS
1	Long cycle life and high rate capability of three dimensional CoSe ₂ grain-attached carbon nanofibers for flexible sodium-ion batteries. Nano Energy, 2019, 58, 715-723.	16.0	182
2	Nanosized-bismuth-embedded 1D carbon nanofibers as high-performance anodes for lithium-ion and sodium-ion batteries. Nano Research, 2017, 10, 2156-2167.	10.4	172
3	Self-standing Bi ₂ O ₃ nanoparticles/carbon nanofiber hybrid films as a binder-free anode for flexible sodium-ion batteries. Materials Chemistry Frontiers, 2017, 1, 1615-1621.	5.9	73
4	Hollow porous CuO/C composite microcubes derived from metal-organic framework templates for highly reversible lithium-ion batteries. Journal of Alloys and Compounds, 2017, 706, 97-102.	5.5	70
5	Regulating Intrinsic Electronic Structures of Transition-Metal-Based Catalysts and the Potential Applications for Electrocatalytic Water Splitting. , 2021, 3, 752-780.		62
6	A novel high-performance self-powered UV-vis-NIR photodetector based on a CdS nanorod array/reduced graphene oxide film heterojunction and its piezo-phototronic regulation. Journal of Materials Chemistry C, 2018, 6, 630-636.	5.5	59
7	Visible-light-driven isotropic hydrogels as anisotropic underwater actuators. Nano Energy, 2021, 85, 105965.	16.0	57
8	Boosted charge transfer and Na-ion diffusion in cooling-fins-like Sb ₂ Te ₃ Te nano-heterostructure for long cycle life and high rate capability anode. Nano Energy, 2020, 70, 104468.	16.0	54
9	Eco-Friendly Synthesis of Self-Supported N-Doped Sb ₂ S ₃ -Carbon Fibers with High Atom Utilization and Zero Discharge for Commercial Full Lithium-Ion Batteries. ACS Applied Energy Materials, 2020, 3, 6897-6906.	5.1	51
10	Graphene-like MoS ₂ Nanosheets on Carbon Fabrics as High-Performance Binder-free Electrodes for Supercapacitors and Li-Ion Batteries. ACS Omega, 2018, 3, 17466-17473.	3.5	39
11	Tellurium nanotubes grown on carbon fiber cloth as cathode for flexible all-solid-state lithium-tellurium batteries. Electrochimica Acta, 2018, 282, 870-876.	5.2	38
12	Hierarchical heterojunction structures based-on layered Sb ₂ Te ₃ nanoplate@rGO for extended long-term life and high-rate capability of sodium batteries. Applied Materials Today, 2019, 15, 582-589.	4.3	35
13	Hierarchical CuBi ₂ O ₄ microspheres as lithium-ion battery anodes with superior high-temperature electrochemical performance. RSC Advances, 2017, 7, 13250-13256.	3.6	29
14	Towards high-performance cathode materials for lithium-ion batteries: Al ₂ O ₃ -coated LiNi _{0.8} Co _{0.15} Zn _{0.05} O ₂ . Journal of Solid State Electrochemistry, 2018, 22, 2395-2403.	2.5	24
15	Vapor selenization produced Bi ₂ Se ₃ nanoparticles in carbon fiber 3D network as binder-free anode for flexible lithium-ion batteries. Materials Chemistry Frontiers, 2021, 5, 2832-2841.	5.9	21
16	Heteroatomic Interface Engineering of MOF-Derived Metal-Embedded P- and N-Codoped Zn Node Porous Polyhedral Carbon with Enhanced Sodium-Ion Storage. ACS Applied Energy Materials, 2020, 3, 8892-8902.	5.1	20
17	Multifunctional sandwich-structured double-carbon-layer modified SnS nanotubes with high capacity and stability for Li-ion batteries. Materials Advances, 2022, 3, 3631-3641.	5.4	20
18	Piezoelectric potential enhanced photocatalytic performance based on ZnO with different nanostructures. Nanotechnology, 2021, 32, 135703.	2.6	15

#	ARTICLE	IF	CITATIONS
19	Ultraviolet Photodetectors Based on Dimetallofullerene Lu ₂ @C _s (6)-C ₈₂ Nanorods. ACS Applied Nano Materials, 2022, 5, 1683-1689.	5.0	8
20	Broadband photodetector based on vapor-deposited selenium self-supporting films. Ceramics International, 2022, 48, 27750-27757.	4.8	5