

Mingchang Zhang

List of Publications by Year in descending order

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11
papers

583
citations

1040056

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1281871

11
g-index

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docs citations

11
times ranked

813
citing authors

#	ARTICLE	IF	CITATIONS
1	3D hierarchical CoWO ₄ /Co ₃ O ₄ nanowire arrays for asymmetric supercapacitors with high energy density. <i>Chemical Engineering Journal</i> , 2018, 347, 291-300.	12.7	181
2	Study of pseudocapacitive contribution to superior energy storage of 3D heterostructure CoWO ₄ /Co ₃ O ₄ nanocone arrays. <i>Journal of Power Sources</i> , 2019, 418, 202-210.	7.8	121
3	In situ synthesis of 3D Co@Co ₃ O ₄ nanosheet arrays for hybrid supercapacitors with ultra-high rate performance. <i>Journal of Alloys and Compounds</i> , 2020, 826, 154115.	5.5	54
4	Facile metal-organic frameworks-templated fabrication of hollow indium oxide microstructures for chlorine detection at low temperature. <i>Journal of Hazardous Materials</i> , 2020, 387, 122017.	12.4	52
5	Dendrite-Free Anodes Enabled by a Composite of a ZnAl Alloy with a Copper Mesh for High-Performing Aqueous Zinc-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 28129-28139.	8.0	47
6	Three-Dimensional Heterostructured Reduced Graphene Oxide-Hexagonal Boron Nitride-Stacking Material for Silicone Thermal Grease with Enhanced Thermally Conductive Properties. <i>Nanomaterials</i> , 2019, 9, 938.	4.1	38
7	A Codoped Polymeric Photocatalyst with Prolonged Carrier Lifetime and Extended Spectral Response up to 600 nm for Enhanced Hydrogen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 5234-5243.	8.0	31
8	Preaddition of Cations to Electrolytes for Aqueous 2.2 V High Voltage Hybrid Supercapacitor with Superlong Cycling Life and Its Energy Storage Mechanism. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 17659-17668.	8.0	27
9	High strain and high energy density of lead-free (Bi _{0.50} Na _{0.40} K _{0.10}) _{0.94} Ba _{0.06} Ti _(1-x) (Al _{0.50} Ta _{0.50}) _x O ₃ perovskite ceramics. <i>Journal of Materials Science</i> , 2020, 55, 11137-11150.	3.7	19
10	Additive Manufacturing of Stable Energy Storage Devices Using a Multinozzle Printing System. <i>Advanced Functional Materials</i> , 2021, 31, 2008280.	14.9	8
11	Molybdenum-doped hexagonal birnessite as a promising electrode material of the electrochemical capacitor. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	5