

Zhimi Hu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7719472/publications.pdf>

Version: 2024-02-01

27
papers

2,845
citations

304743

22
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

4785
citing authors

#	ARTICLE	IF	CITATIONS
1	Assembly of two-dimensional nanofluidic channel with high proton conductivity using single-layer MnO ₂ nanosheets. <i>Science China Materials</i> , 2022, 65, 2578-2584.	6.3	3
2	Unveiling the Effects of Alkali Metal Ions Intercalated in Layered MnO ₂ for Formaldehyde Catalytic Oxidation. <i>ACS Catalysis</i> , 2020, 10, 10021-10031.	11.2	102
3	Salt-Assisted Synthesis of 2D Materials. <i>Advanced Functional Materials</i> , 2020, 30, 1908486.	14.9	115
4	Mass Production of High-Quality Transition Metal Dichalcogenides Nanosheets via a Molten Salt Method. <i>Advanced Functional Materials</i> , 2019, 29, 1900649.	14.9	59
5	Rapid synthesis of size-tunable transition metal carbide nanodots under ambient conditions. <i>Journal of Materials Chemistry A</i> , 2019, 7, 14489-14495.	10.3	22
6	Stabilization of layered manganese oxide by substitutional cation doping. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7118-7127.	10.3	14
7	Large-scale synthesis of size- and thickness-tunable conducting polymer nanosheets <i>via</i> a salt-templated method. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24929-24936.	10.3	12
8	Synthesis of single crystalline two-dimensional transition-metal phosphides <i>via</i> a salt-templating method. <i>Nanoscale</i> , 2018, 10, 6844-6849.	5.6	61
9	Microwave Combustion for Rapidly Synthesizing Pore-Size-Controllable Porous Graphene. <i>Advanced Functional Materials</i> , 2018, 28, 1800382.	14.9	70
10	4-Butylbenzenesulfonate modified polypyrrole paper for supercapacitor with exceptional cycling stability. <i>Energy Storage Materials</i> , 2018, 12, 191-196.	18.0	51
11	Salt-Templated Synthesis of 2D Metallic MoN and Other Nitrides. <i>ACS Nano</i> , 2017, 11, 2180-2186.	14.6	359
12	Rapid mass production of two-dimensional metal oxides and hydroxides via the molten salts method. <i>Nature Communications</i> , 2017, 8, 15630.	12.8	258
13	Highly conductive and flexible molybdenum oxide nanopaper for high volumetric supercapacitor electrode. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2897-2903.	10.3	101
14	Energy Harvest from Organics Degradation by Two-Dimensional K ⁺ -Intercalated Manganese Oxide. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 41233-41238.	8.0	8
15	Structure Confined Porous Mo ₂ C for Efficient Hydrogen Evolution. <i>Advanced Functional Materials</i> , 2017, 27, 1703933.	14.9	148
16	Natural Materials Assembled, Biodegradable, and Transparent Paper-Based Electret Nanogenerator. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 35587-35592.	8.0	74
17	Ethanol reduced molybdenum trioxide for Li-ion capacitors. <i>Nano Energy</i> , 2016, 26, 100-107.	16.0	74
18	Microwave Combustion for Modification of Transition Metal Oxides. <i>Advanced Functional Materials</i> , 2016, 26, 7263-7270.	14.9	42

#	ARTICLE	IF	CITATIONS
19	Cross-linked carbon network with hierarchical porous structure for high performance solid-state electrochemical capacitor. <i>Journal of Power Sources</i> , 2016, 327, 488-494.	7.8	23
20	Scalable salt-templated synthesis of two-dimensional transition metal oxides. <i>Nature Communications</i> , 2016, 7, 11296.	12.8	379
21	Band gap engineering of MnO_2 through in situ Al-doping for applicable pseudocapacitors. <i>RSC Advances</i> , 2016, 6, 13914-13919.	3.6	56
22	Activated carbon derived from melaleuca barks for outstanding high-rate supercapacitors. <i>Nanotechnology</i> , 2015, 26, 304004.	2.6	48
23	H_xMoO_3 nanobelts with sea water as electrolyte for high-performance pseudocapacitors and desalination devices. <i>Journal of Materials Chemistry A</i> , 2015, 3, 17217-17223.	10.3	33
24	Intercalation of cations into partially reduced molybdenum oxide for high-rate pseudocapacitors. <i>Energy Storage Materials</i> , 2015, 1, 1-8.	18.0	92
25	Flexible and cross-linked N-doped carbon nanofiber network for high performance freestanding supercapacitor electrode. <i>Nano Energy</i> , 2015, 15, 66-74.	16.0	384
26	2D vanadium doped manganese dioxides nanosheets for pseudocapacitive energy storage. <i>Nanoscale</i> , 2015, 7, 16094-16099.	5.6	71
27	Al-doped $\gamma\text{-MnO}_2$ for high mass-loading pseudocapacitor with excellent cycling stability. <i>Nano Energy</i> , 2015, 11, 226-234.	16.0	186