

Di Zu

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,277
citations

840776

11
h-index

1125743

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all docs

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docs citations

13
times ranked

1804
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Robust, Flexible, and Large-Scale 3D-Metallized Sponge for High-Performance Electromagnetic Interference Shielding. <i>Advanced Materials Technologies</i> , 2020, 5, 1900761.	5.8	53
2	Black ZrO_2 synthesized by molten lithium reduction strategy for photocatalytic hydrogen generation. <i>Journal of the American Ceramic Society</i> , 2020, 103, 4035-4042.	3.8	17
3	Fe_3O_4 /Nitrogen-Doped Carbon Electrodes from Tailored Thermal Expansion toward Flexible Solid-State Asymmetric Supercapacitors. <i>Advanced Materials Interfaces</i> , 2019, 6, 1901250.	3.7	8
4	A Flexible, Robust, and Gel-Free Electroencephalogram Electrode for Noninvasive Brain-Computer Interfaces. <i>Nano Letters</i> , 2019, 19, 6853-6861.	9.1	131
5	Ultralow-temperature photochemical synthesis of atomically dispersed Pt catalysts for the hydrogen evolution reaction. <i>Chemical Science</i> , 2019, 10, 2830-2836.	7.4	82
6	Room temperature Mg reduction of TiO_2 : formation mechanism and application in photocatalysis. <i>Chemical Communications</i> , 2019, 55, 7675-7678.	4.1	13
7	Direct spray-coating of highly robust and transparent Ag nanowires for energy saving windows. <i>Nano Energy</i> , 2019, 62, 111-116.	16.0	205
8	Room-temperature production of silver-nanofiber film for large-area, transparent and flexible surface electromagnetic interference shielding. <i>Npj Flexible Electronics</i> , 2019, 3, .	10.7	155
9	Direct Blow Spinning of Flexible and Transparent Ag Nanofiber Heater. <i>Advanced Materials Technologies</i> , 2019, 4, 1900045.	5.8	18
10	Oxygen-deficient metal oxides: Synthesis routes and applications in energy and environment. <i>Nano Research</i> , 2019, 12, 2150-2163.	10.4	86
11	Boosting the Electrocatalytic Water Oxidation Performance of $CoFe_2O_4$ Nanoparticles by Surface Defect Engineering. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 3978-3983.	8.0	76
12	Tuning defects in oxides at room-temperature by lithium reduction. <i>Nature Communications</i> , 2018, 9, 1302.	12.8	428
13	Microscopic Differentiation of Plasmonic Nanoparticles for the Ratiometric Read-out of Target DNA. <i>Scientific Reports</i> , 2017, 7, 14742.	3.3	5