

Di Zu

List of Publications by Year in descending order

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13
papers

1,277
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

1804
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning defects in oxides at room temperature by lithium reduction. Nature Communications, 2018, 9, 1302.	12.8	428
2	Direct spray-coating of highly robust and transparent Ag nanowires for energy saving windows. Nano Energy, 2019, 62, 111-116.	16.0	205
3	Room-temperature production of silver-nanofiber film for large-area, transparent and flexible surface electromagnetic interference shielding. Npj Flexible Electronics, 2019, 3, .	10.7	155
4	A Flexible, Robust, and Gel-Free Electroencephalogram Electrode for Noninvasive Brain-Computer Interfaces. Nano Letters, 2019, 19, 6853-6861.	9.1	131
5	Oxygen-deficient metal oxides: Synthesis routes and applications in energy and environment. Nano Research, 2019, 12, 2150-2163.	10.4	86
6	Ultralow-temperature photochemical synthesis of atomically dispersed Pt catalysts for the hydrogen evolution reaction. Chemical Science, 2019, 10, 2830-2836.	7.4	82
7	Boosting the Electrocatalytic Water Oxidation Performance of CoFe_2O_4 Nanoparticles by Surface Defect Engineering. ACS Applied Materials & Interfaces, 2019, 11, 3978-3983.	8.0	76
8	Highly Robust, Flexible, and Large-Scale 3D-Metallized Sponge for High-Performance Electromagnetic Interference Shielding. Advanced Materials Technologies, 2020, 5, 1900761.	5.8	53
9	Direct Blow Spinning of Flexible and Transparent Ag Nanofiber Heater. Advanced Materials Technologies, 2019, 4, 1900045.	5.8	18
10	Black ZrO_2 synthesized by molten lithium reduction strategy for photocatalytic hydrogen generation. Journal of the American Ceramic Society, 2020, 103, 4035-4042.	3.8	17
11	Room temperature Mg reduction of TiO_2 : formation mechanism and application in photocatalysis. Chemical Communications, 2019, 55, 7675-7678.	4.1	13
12	$\text{Fe}_3\text{O}_4/\text{Nitrogen-Doped Carbon}$ Electrodes from Tailored Thermal Expansion toward Flexible Solid-State Asymmetric Supercapacitors. Advanced Materials Interfaces, 2019, 6, 1901250.	3.7	8
13	Microscopic Differentiation of Plasmonic Nanoparticles for the Ratiometric Read-out of Target DNA. Scientific Reports, 2017, 7, 14742.	3.3	5