Caixia Zhou

List of Publications by Year
in descending order

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17	452	759233 12	940533 16
papers	citations	h-index	g-index

17	17	17	584
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Methane-selective oxidation to methanol and ammonia selective catalytic reduction of NOx over monolithic Cu/SSZ-13 catalysts: Are hydrothermal stability and active sites same?. Fuel, 2022, 309, 122178.	6.4	13
2	Ultra-fast synthesis of iron decorated multiwalled carbon nanotube composite materials: A sensitive electrochemical sensor for determining dopamine. Journal of Alloys and Compounds, 2022, 897, 163257.	5.5	36
3	Improved reactivity for toluene oxidation on MnOx/CeO2-ZrO2 catalyst by the synthesis of cubic-tetragonal interfaces. Applied Surface Science, 2021, 539, 148188.	6.1	43
4	Synthesis of flower-like nickelâ€“ironâ€“chromium nanostructure compound deposited stainless steel foil as an efficient binder-free electrocatalyst for water splitting. Sustainable Energy and Fuels, 2021, 5, 2649-2659.	4.9	8
5	Influence of acidic type on nanostructures and electrochemical performance of polyaniline for flexible supercapacitors and improved performance based on 3D honeycomb-like nanosheet by doping HPF6 acid. Electrochimica Acta, 2021, 390, 138818.	5.2	11
6	Ultra-fast preparing carbon nanotube-supported trimetallic Ni, Ru, Fe heterostructures as robust bifunctional electrocatalysts for overall water splitting. Chemical Engineering Journal, 2021, 424, 130416.	12.7	43
7	Preparation of quinone modified graphene-based fiber electrodes and its application in flexible asymmetrical supercapacitor. Electrochimica Acta, 2020, 336, 135628.	5.2	47
8	Surface in situ self-reconstructing hierarchical structures derived from ferrous carbonate as efficient bifunctional iron-based catalysts for oxygen and hydrogen evolution reactions. Journal of Materials Chemistry A, 2020, 8, 18367-18375.	10.3	23
9	Super soft conductors based on liquid metal/cotton composites. Journal of Materials Chemistry C, 2020, 8, 3553-3561.	5.5	19
10	Through a hydrothermal phosphatization method synthesized NiCo and Fe-based electrodes for high-performance battery-supercapacitor hybrid device. Applied Surface Science, 2019, 475, 729-739.	6.1	19
11	Carbon Fiber Substrates: Synthesis of P-Doped and NiCo-Hybridized Graphene-Based Fibers for Flexible Asymmetrical Solid-State Micro-Energy Storage Device (Small 1/2019). Small, 2019, 15, 1970007.	10.0	0
12	Synthesis of Pâ€Doped and NiCoâ€Hybridized Grapheneâ€Based Fibers for Flexible Asymmetrical Solidâ€State Microâ€Energy Storage Device. Small, 2019, 15, e1803469.	10.0	39
13	Ultra-fast pyrolysis of ferrocene to form Fe/C heterostructures as robust oxygen evolution electrocatalysts. Journal of Materials Chemistry A, 2018, 6, 21577-21584.	10.3	50
14	A new understanding of CeO2-ZrO2 catalysts calcinated at different temperatures: Reduction property and soot-O2 reaction. Applied Catalysis A: General, 2018, 563, 204-215.	4.3	29
15	Electrochemical formation of multilayered NiO film/Ni foam as a high-efficient anode for methanol electrolysis. Journal of Solid State Electrochemistry, 2017, 21, 2301-2311.	2.5	11
16	Iron and nickel co-doped cobalt hydroxide nanosheets with enhanced activity for oxygen evolution reaction. RSC Advances, 2016, 6, 42255-42262.	3.6	37
17	Threeâ€Dimensional NiMoO₄ Nanosheets Supported on a Carbon Fibers@Preâ€Treated Ni Foam (CF@PNF) Substrate as Advanced Electrodes for Asymmetric Supercapacitors. Chemistry - an Asian Journal, 2015, 10, 1745-1752.	3.3	24