Yong-Qing Zhao

List of Publications by Year
in descending order

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30	3,144	279798 23	477307 29
papers	citations	h-index	g-index

30	30	30	5291
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electronic engineering of amorphous Feâ€“Coâ€“S sites in hetero-nanoframes for oxygen evolution and flexible Alâ€“air batteries. Journal of Materials Chemistry A, 2022, 10, 19757-19768.	10.3	11
2	Progress in In Situ Research on Dynamic Surface Reconstruction of Electrocatalysts for Oxygen Evolution Reaction. Advanced Energy and Sustainability Research, 2022, 3, .	5.8	12
3	A yolkâ€“albumenâ€“shell structure of mixed Niâ€“Co oxide with an ultrathin carbon shell for high-sensitivity glucose sensors. Materials Advances, 2020, 1, 908-917.	5.4	8
4	Enhanced oxygen evolution reaction of defective CoP/MOF-integrated electrocatalyst by partial phosphating. Journal of Materials Chemistry A, 2020, 8, 14099-14105.	10.3	51
5	Highly Concentrated Aqueous Electrolyte With a Large Stable Potential Window for Electrochemical Double-Layer Capacitors. Journal of Electrochemical Energy Conversion and Storage, 2020, 17, .	2.1	1
6	Temperature-dependent performance of carbon-based supercapacitors with water-in-salt electrolyte. Journal of Power Sources, 2019, 441, 227220.	7.8	53
7	When MoS2 meets FeOOH: A â€œone-stone-two-birdsâ€™â€™ heterostructure as a bifunctional electrocatalyst for efficient alkaline water splitting. Applied Catalysis B: Environmental, 2019, 244, 1004-1012.	20.2	144
8	Metallic CuCo2S4 nanosheets of atomic thickness as efficient bifunctional electrocatalysts for portable, flexible Zn-air batteries. Nanoscale, 2018, 10, 6581-6588.	5.6	69
9	Mixed-Node Metalâ€“Organic Frameworks as Efficient Electrocatalysts for Oxygen Evolution Reaction. ACS Energy Letters, 2018, 3, 2520-2526.	17.4	252
10	Coupling FeSe₂ with CoSe: an effective strategy to create stable and efficient electrocatalysts for water oxidation. Chemical Communications, 2018, 54, 11140-11143.	4.1	57
11	Heteroatom doped porous carbon sheets derived from protein-rich wheat gluten for supercapacitors: The synergistic effect of pore properties and heteroatom on the electrochemical performance in different electrolytes. Journal of Power Sources, 2018, 401, 375-385.	7.8	55
12	Activation of defective nickel molybdate nanowires for enhanced alkaline electrochemical hydrogen evolution. Nanoscale, 2018, 10, 16539-16546.	5.6	29
13	NiO/CoN Porous Nanowires as Efficient Bifunctional Catalysts for Znâ€“Air Batteries. ACS Nano, 2017, 11, 2275-2283.	14.6	456
14	Atomicâ€Level Coupled Interfaces and Lattice Distortion on CuS/NiS₂ Nanocrystals Boost Oxygen Catalysis for Flexible Znâ€Air Batteries. Advanced Functional Materials, 2017, 27, 1703779.	14.9	200
15	Ni0.37Co0.63S2-reduced graphene oxide nanocomposites for highly efficient electrocatalytic oxygen evolution and photocatalytic pollutant degradation. Journal of Solid State Electrochemistry, 2017, 21, 183-192.	2.5	8
16	Three-Dimensional Hierarchical Ni_xCo_{1â€“x}O/Ni_yCo_{2â€“y}P@C Hybrids on Nickel Foam for Excellent Supercapacitors. ACS Applied Materials & Interfaces, 2016, 8, 35368-35376.	8.0	127
17	A high mass loading electrode based on ultrathin Co3S4 nanosheets for high performance supercapacitor. Journal of Solid State Electrochemistry, 2016, 20, 2197-2205.	2.5	23
18	Hierarchically porous and heteroatom doped carbon derived from tobacco rods for supercapacitors. Journal of Power Sources, 2016, 307, 391-400.	7.8	499

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19	A graphene oxide-based FRET sensor for rapid and specific detection of unfolded collagen fragments. Biosensors and Bioelectronics, 2016, 79, 15-21.	10.1	34
20	3D Ni₃S₂nanosheet arrays supported on Ni foam for high-performance supercapacitor and non-enzymatic glucose detection. Journal of Materials Chemistry A, 2014, 2, 15111.	10.3	329
21	Controllable synthesis of 3D NiÏ‡Co1âˆ'Ï‡ oxides with different morphologies for high-capacity supercapacitors. Journal of Materials Chemistry A, 2013, 1, 13290.	10.3	111
22	Non-enzymatic glucose sensor based on three dimensional nickel oxide for enhanced sensitivity. Analytical Methods, 2013, 5, 1644.	2.7	116
23	Enhanced energy density of asymmetric supercapacitors via optimizing negative electrode material and mass ratio of negative/positive electrodes. Journal of Solid State Electrochemistry, 2013, 17, 1701-1710.	2.5	33
24	High performance asymmetric supercapacitor based on MnO2 electrode in ionic liquid electrolyte. Journal of Materials Chemistry A, 2013, 1, 3706.	10.3	90
25	Effect of electrodeposition temperature on the electrochemical performance of a Ni(OH)2electrode. RSC Advances, 2012, 2, 1074-1082.	3.6	117
26	May 3D nickel foam electrode be the promising choice for supercapacitors?. Journal of Solid State Electrochemistry, 2012, 16, 829-834.	2.5	40
27	MnO2/graphene/nickel foam composite as high performance supercapacitor electrode via a facile electrochemical deposition strategy. Materials Letters, 2012, 76, 127-130.	2.6	89
28	Nanodiamond/poly (lactic acid) nanocomposites: Effect of nanodiamond on structure and properties of poly (lactic acid). Composites Part B: Engineering, 2010, 41, 646-653.	12.0	69
29	Fabrication and properties of clayâ€supported carbon nanotube/poly (vinyl alcohol) nanocomposites. Polymer Composites, 2009, 30, 702-707.	4.6	21
30	Template synthesis of highly ordered hydroxyapatite nanowire arrays. Journal of Materials Science, 2005, 40, 1121-1125.	3.7	40