Yong-Qing Zhao

List of Publications by Year
in descending order

30 papers	3,144 citations	279798 23 h-index	477307 29 g-index
30 all docs	30 docs citations	30 times ranked	5291 citing authors

#	Article	IF	Citations
1	Hierarchically porous and heteroatom doped carbon derived from tobacco rods for supercapacitors. Journal of Power Sources, 2016, 307, 391-400.	7.8	499
2	NiO/CoN Porous Nanowires as Efficient Bifunctional Catalysts for Znâ€“Air Batteries. ACS Nano, 2017, 11, 2275-2283.	14.6	456
3	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
4	Mixed-Node Metalâ€“Organic Frameworks as Efficient Electrocatalysts for Oxygen Evolution Reaction. ACS Energy Letters, 2018, 3, 2520-2526.	17.4	252
5	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
6	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
7	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
8	Effect of electrodeposition temperature on the electrochemical performance of a Ni(OH)2electrode. RSC Advances, 2012, 2, 1074-1082.	3.6	117
9	Non-enzymatic glucose sensor based on three dimensional nickel oxide for enhanced sensitivity. Analytical Methods, 2013, 5, 1644.	2.7	116
10	Controllable synthesis of 3D NiÏ‡Co1â^'Ï‡ oxides with different morphologies for high-capacity supercapacitors. Journal of Materials Chemistry A, 2013, 1, 13290.	10.3	111
11	High performance asymmetric supercapacitor based on MnO2 electrode in ionic liquid electrolyte. Journal of Materials Chemistry A, 2013, 1, 3706.	10.3	90
12	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
13	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
14	Metallic CuCo2S4 nanosheets of atomic thickness as efficient bifunctional electrocatalysts for portable, flexible Zn-air batteries. Nanoscale, 2018, 10, 6581-6588.	5.6	69
15	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
16	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
17	Temperature-dependent performance of carbon-based supercapacitors with water-in-salt electrolyte. Journal of Power Sources, 2019, 441, 227220.	7.8	53
18	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

#	Article	IF	Citations
19	Template synthesis of highly ordered hydroxyapatite nanowire arrays. Journal of Materials Science, 2005, 40, 1121-1125.	3.7	40
20	May 3D nickel foam electrode be the promising choice for supercapacitors?. Journal of Solid State Electrochemistry, 2012, 16, 829-834.	2.5	40
21	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
22	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
23	Activation of defective nickel molybdate nanowires for enhanced alkaline electrochemical hydrogen evolution. Nanoscale, 2018, 10, 16539-16546.	5.6	29
24	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
25	Fabrication and properties of clayâ€supported carbon nanotube/poly (vinyl alcohol) nanocomposites. Polymer Composites, 2009, 30, 702-707.	4.6	21
26	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
27	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
28	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
29	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
30	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