

# Bo Zhao

## List of Publications by Year in descending order

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23  
papers

854  
citations

623734

14  
h-index

642732

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1447  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of temperature-dependent Mn <sub>3</sub> O <sub>4</sub> nanowires for asymmetric supercapacitor cell. Journal of Applied Electrochemistry, 2020, 50, 767-777.	2.9	5
2	Bowl-like carbon supported AuPd and phosphotungstic acid composite for electrooxidation of ethylene glycol and glycerol. Inorganic Chemistry Communication, 2020, 117, 107976.	3.9	9
3	Incorporating Ni-MOF structure with polypyrrole: enhanced capacitive behavior as electrode material for supercapacitor. RSC Advances, 2020, 10, 12129-12134.	3.6	37
4	Multiresponsive Fluorescence "Turn ON" "OFF" Switch on PB@EuW <sub>10</sub> /SiO <sub>2</sub> Composite for Dual Spectral Detection of N <sub>2</sub> H <sub>4</sub> and H <sub>2</sub> O <sub>2</sub> . Langmuir, 2020, 36, 4194-4200.	3.5	3
5	Raspberry-like Pd <sub>3</sub> Pb alloy nanoparticles: superior electrocatalytic activity for ethylene glycol and glycerol oxidation. RSC Advances, 2020, 10, 15769-15774.	3.6	11
6	Ion manipulation and enrichment mass spectrometer for cleavage of disulfide bond via ion/ion reaction. Journal of Mass Spectrometry, 2019, 54, 311-315.	1.6	1
7	Highly Active PdNi/RGO/Polyoxometalate Nanocomposite Electrocatalyst for Alcohol Oxidation. Langmuir, 2018, 34, 2685-2691.	3.5	38
8	Porous octahedral PdCu nanocages as highly efficient electrocatalysts for the methanol oxidation reaction. Journal of Materials Chemistry A, 2018, 6, 3906-3912.	10.3	108
9	Highly active electrocatalyst of 3D Pd/reduced graphene oxide nanostructure for electro-oxidation of methanol and ethanol. Inorganic Chemistry Communication, 2018, 94, 43-47.	3.9	11
10	Facile synthesis of three-dimensional hierarchical NiO microflowers for efficient room temperature H <sub>2</sub> S gas sensor. Journal of Materials Science: Materials in Electronics, 2018, 29, 4624-4631.	2.2	28
11	Three-dimensional MoO <sub>3</sub> nanoflowers assembled with nanosheets for rhodamine B degradation under visible light. Materials Research Bulletin, 2018, 108, 38-45.	5.2	33
12	Reduced graphene oxide-mediated synthesis of Mn <sub>3</sub> O <sub>4</sub> nanomaterials for an asymmetric supercapacitor cell. RSC Advances, 2018, 8, 20661-20668.	3.6	23
13	Preparation of a highly active palladium nanoparticle/polyoxometalate/reduced graphene oxide nanocomposite by a simple photoreduction method and its application to the electrooxidation of ethylene glycol and glycerol. Electrochemistry Communications, 2017, 83, 56-60.	4.7	12
14	An electrospun flexible Janus nanoribbon array endowed with simultaneously tuned trifunctionality of electrically conductive anisotropy, photoluminescence and magnetism. New Journal of Chemistry, 2017, 41, 13983-13992.	2.8	19
15	One-step preparation of silver nanoparticle embedded amorphous carbon for nonenzymatic hydrogen peroxide sensing. Electrochemistry Communications, 2016, 68, 90-94.	4.7	17
16	High-yield preparation of K-birnessite layered nanoflake. Electrochimica Acta, 2016, 218, 66-73.	5.2	13
17	Preparation and enhanced electrocatalytic activity of graphene supported palladium nanoparticles with multi-edges and corners. RSC Advances, 2016, 6, 98708-98716.	3.6	6
18	One-step synthesis of flower-shaped WO <sub>3</sub> nanostructures for a high-sensitivity room-temperature NO <sub>x</sub> gas sensor. RSC Advances, 2016, 6, 106880-106886.	3.6	25

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19	Synthesis of novel graphene oxide/pristine graphene/polyaniline ternary composites and application to supercapacitor. <i>Chemical Engineering Journal</i> , 2016, 288, 689-700.	12.7	84
20	Construction of 3D electrochemically reduced graphene oxide-silver nanocomposite film and application as nonenzymatic hydrogen peroxide sensor. <i>Electrochemistry Communications</i> , 2013, 27, 1-4.	4.7	68
21	Carbon nanotube/raspberry hollow Pd nanosphere hybrids for methanol, ethanol, and formic acid electro-oxidation in alkaline media. <i>Journal of Colloid and Interface Science</i> , 2010, 351, 233-238.	9.4	79
22	Silver microspheres for application as hydrogen peroxide sensor. <i>Electrochemistry Communications</i> , 2009, 11, 1707-1710.	4.7	159
23	Novel Hybrid Electrocatalyst with Enhanced Performance in Alkaline Media: Hollow Au/Pd Core/Shell Nanostructures with a Raspberry Surface. <i>Journal of Physical Chemistry C</i> , 2009, 113, 16766-16771.	3.1	65