

Bo Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Silver microspheres for application as hydrogen peroxide sensor. <i>Electrochemistry Communications</i> , 2009, 11, 1707-1710. | 4.7 | 159 |
| 2 | Porous octahedral PdCu nanocages as highly efficient electrocatalysts for the methanol oxidation reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 3906-3912. | 10.3 | 108 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Highly Active PdNi/RGO/Polyoxometalate Nanocomposite Electrocatalyst for Alcohol Oxidation. <i>Langmuir</i> , 2018, 34, 2685-2691. | 3.5 | 38 |
| 8 | Incorporating Ni-MOF structure with polypyrrole: enhanced capacitive behavior as electrode material for supercapacitor. <i>RSC Advances</i> , 2020, 10, 12129-12134. | 3.6 | 37 |
| 9 | Three-dimensional MoO ₃ nanoflowers assembled with nanosheets for rhodamine B degradation under visible light. <i>Materials Research Bulletin</i> , 2018, 108, 38-45. | 5.2 | 33 |
| 10 | Facile synthesis of three-dimensional hierarchical NiO microflowers for efficient room temperature H ₂ S gas sensor. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 4624-4631. | 2.2 | 28 |
| 11 | One-step synthesis of flower-shaped WO ₃ nanostructures for a high-sensitivity room-temperature NO _x gas sensor. <i>RSC Advances</i> , 2016, 6, 106880-106886. | 3.6 | 25 |
| 12 | Reduced graphene oxide-mediated synthesis of Mn ₃ O ₄ nanomaterials for an asymmetric supercapacitor cell. <i>RSC Advances</i> , 2018, 8, 20661-20668. | 3.6 | 23 |
| 13 | An electrospun flexible Janus nanoribbon array endowed with simultaneously tuned trifunctionality of electrically conductive anisotropy, photoluminescence and magnetism. <i>New Journal of Chemistry</i> , 2017, 41, 13983-13992. | 2.8 | 19 |
| 14 | One-step preparation of silver nanoparticle embedded amorphous carbon for nonenzymatic hydrogen peroxide sensing. <i>Electrochemistry Communications</i> , 2016, 68, 90-94. | 4.7 | 17 |
| 15 | High-yield preparation of K-birnessite layered nanoflake. <i>Electrochimica Acta</i> , 2016, 218, 66-73. | 5.2 | 13 |
| 16 | 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. <i>Electrochemistry Communications</i> , 2017, 83, 56-60. | 4.7 | 12 |
| 17 | Highly active electrocatalyst of 3D Pd/reduced graphene oxide nanostructure for electro-oxidation of methanol and ethanol. <i>Inorganic Chemistry Communication</i> , 2018, 94, 43-47. | 3.9 | 11 |
| 18 | Raspberry-like Pd ₃ Pb alloy nanoparticles: superior electrocatalytic activity for ethylene glycol and glycerol oxidation. <i>RSC Advances</i> , 2020, 10, 15769-15774. | 3.6 | 11 |

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|----|---|-----|-----------|
| 19 | Bowl-like carbon supported AuPd and phosphotungstic acid composite for electrooxidation of ethylene glycol and glycerol. <i>Inorganic Chemistry Communication</i> , 2020, 117, 107976. | 3.9 | 9 |
| 20 | Preparation and enhanced electrocatalytic activity of graphene supported palladium nanoparticles with multi-edges and corners. <i>RSC Advances</i> , 2016, 6, 98708-98716. | 3.6 | 6 |
| 21 | Synthesis of temperature-dependent Mn ₃ O ₄ nanowires for asymmetric supercapacitor cell. <i>Journal of Applied Electrochemistry</i> , 2020, 50, 767-777. | 2.9 | 5 |
| 22 | Multiresponsive Fluorescence "Turn ON" "OFF" Switch on PB@EuW ₁₀ /SiO ₂ Composite for Dual Spectral Detection of N ₂ H ₄ and H ₂ O ₂ . <i>Langmuir</i> , 2020, 36, 4194-4200. | 3.5 | 3 |
| 23 | Ion manipulation and enrichment mass spectrometer for cleavage of disulfide bond via ion/ion reaction. <i>Journal of Mass Spectrometry</i> , 2019, 54, 311-315. | 1.6 | 1 |