

Jian-Jun Shi

List of Publications by Year in descending order

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56
papers

2,239
citations

236612

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docs citations

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times ranked

2799
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Fabrication of 3D net-like MWCNTs/ZnFe ₂ O ₄ hybrid composites as high-performance electromagnetic wave absorbers. <i>Chemical Engineering Journal</i> , 2018, 337, 242-255. | 6.6 | 286 |
| 2 | Facile Design of Three-Dimensional Nitrogen-Doped Reduced Graphene Oxide/Multi-Walled Carbon Nanotube Composite Foams as Lightweight and Highly Efficient Microwave Absorbers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 4689-4698. | 4.0 | 220 |
| 3 | Facile preparation and microwave absorption properties of RGO/MWCNTs/ZnFe ₂ O ₄ hybrid nanocomposites. <i>Journal of Alloys and Compounds</i> , 2018, 743, 163-174. | 2.8 | 151 |
| 4 | Fabrication of reduced graphene oxide/multi-walled carbon nanotubes/zinc ferrite hybrid composites as high-performance microwave absorbers. <i>Journal of Alloys and Compounds</i> , 2018, 736, 1-11. | 2.8 | 116 |
| 5 | DNA aptasensor for the detection of ATP based on quantum dots electrochemiluminescence. <i>Nanoscale</i> , 2010, 2, 606. | 2.8 | 104 |
| 6 | Highly Sensitive and Selective Photoelectrochemical Biosensor for Hg ²⁺ Detection Based on Dual Signal Amplification by Exciton Energy Transfer Coupled with Sensitization Effect. <i>Analytical Chemistry</i> , 2015, 87, 12340-12347. | 3.2 | 104 |
| 7 | Electron Transfer Mediated Electrochemical Biosensor for MicroRNAs Detection Based on Metal Ion Functionalized Titanium Phosphate Nanospheres at Attomole Level. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 2979-2985. | 4.0 | 94 |
| 8 | Sonoelectrochemical fabrication of PDDA-RGO-PdPt nanocomposites as electrocatalyst for DAFCs. <i>Journal of Materials Chemistry</i> , 2011, 21, 7343. | 6.7 | 80 |
| 9 | Ultrasensitive multi-analyte electrochemical immunoassay based on GNR-modified heated screen-printed carbon electrodes and PS@PDA-metal labels for rapid detection of MMP-9 and IL-6. <i>Biosensors and Bioelectronics</i> , 2014, 55, 51-56. | 5.3 | 77 |
| 10 | Electrochemical detection of Pb and Cd in paper-based microfluidic devices. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1124-1130. | 0.6 | 76 |
| 11 | Fabrication of a boron nitride-gold nanocluster composite and its versatile application for immunoassays. <i>Chemical Communications</i> , 2013, 49, 10757. | 2.2 | 75 |
| 12 | Synthesis and high-performance microwave absorption of reduced graphene oxide/zinc ferrite hybrid nanocomposite. <i>Materials Letters</i> , 2018, 215, 229-232. | 1.3 | 74 |
| 13 | One-pot preparation of reduced graphene oxide-carbon nanotube decorated with Au nanoparticles based on protein for non-enzymatic electrochemical sensing of glucose. <i>Sensors and Actuators B: Chemical</i> , 2016, 234, 625-632. | 4.0 | 66 |
| 14 | A competitive electrochemical immunosensor for the detection of human interleukin-6 based on the electrically heated carbon electrode and silver nanoparticles functionalized labels. <i>Talanta</i> , 2014, 122, 135-139. | 2.9 | 60 |
| 15 | Sonoelectrochemical fabrication of Pd-graphene nanocomposite and its application in the determination of chlorophenols. <i>Electrochimica Acta</i> , 2011, 56, 6008-6013. | 2.6 | 58 |
| 16 | Ultrasensitive photoelectrochemical aptasensor for lead ion detection based on sensitization effect of CdTe QDs on MoS ₂ -CdS:Mn nanocomposites by the formation of G-quadruplex structure. <i>Talanta</i> , 2018, 183, 237-244. | 2.9 | 51 |
| 17 | Signal-on Photoelectrochemical Aptasensor for Adenosine Triphosphate Detection Based on Sensitization Effect of CdS:Mn@Ru(bpy) ₂ (dcbpy) Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2016, 120, 15657-15665. | 1.5 | 44 |
| 18 | Fabrication of bimetallic metal-organic frameworks derived cobalt iron alloy@carbon-carbon nanotubes composites as ultrathin and high-efficiency microwave absorbers. <i>Journal of Colloid and Interface Science</i> , 2022, 613, 477-487. | 5.0 | 39 |

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|----|---|-----|-----------|
| 19 | Cubic MnFe ₂ O ₄ particles decorated reduced graphene oxide with excellent microwave absorption properties. <i>Materials Letters</i> , 2018, 231, 209-212. | 1.3 | 37 |
| 20 | Fabrication of Graphene Quantum Dots and Hexagonal Boron Nitride Nanocomposites for Fluorescent Cell Imaging. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 1679-1685. | 0.5 | 36 |
| 21 | Bimetallic Pd-Pt supported graphene promoted enzymatic redox cycling for ultrasensitive electrochemical quantification of microRNA from cell lysates. <i>Analyst</i> , 2014, 139, 3860-3865. | 1.7 | 34 |
| 22 | Magnetically separable mesoporous silica-supported palladium nanoparticle-catalyzed selective hydrogenation of naphthalene to tetralin. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5204. | 1.7 | 34 |
| 23 | Synthesis of stabilizer-free gold nanoparticles by pulse sonoelectrochemical method. <i>Ultrasonics Sonochemistry</i> , 2011, 18, 231-237. | 3.8 | 30 |
| 24 | On Interaction between nano-Ag and P(AMPS-co-MMA) copolymer synthesized by ultrasonic. <i>Journal of Polymer Research</i> , 2009, 16, 295-299. | 1.2 | 28 |
| 25 | Sonoelectrochemical synthesis of water-soluble CdTe quantum dots. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 493-498. | 3.8 | 26 |
| 26 | Visible-light mediated directed perfluoroalkylation of hydrazones. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6014-6023. | 1.5 | 23 |
| 27 | A novel mediator-free biosensor based on co-intercalation of DNA and hemoglobin in the interlayer galleries of β -zirconium phosphate. <i>Biosensors and Bioelectronics</i> , 2010, 25, 2627-2632. | 5.3 | 22 |
| 28 | Ionic liquid as extraction agent for detection of volatile phenols in wastewater and its regeneration. <i>Journal of Separation Science</i> , 2010, 33, 1356-1359. | 1.3 | 18 |
| 29 | Solvothermal Synthesis of Reduced Graphene Oxide/Ferrous Oxide Hybrid Composites with Enhanced Microwave Absorption Properties. <i>Nano</i> , 2017, 12, 1750144. | 0.5 | 17 |
| 30 | 3D hierarchical flower-like NiMoO ₄ @Ni ₃ S ₂ composites on Ni foam for high-performance battery-type supercapacitors. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 148, 109697. | 1.9 | 16 |
| 31 | Facile Synthesis of NiO/Nitrogen-doped Reduced Graphene Oxide Nanocomposites for the Application in Supercapacitors. <i>Russian Journal of Physical Chemistry A</i> , 2019, 93, 895-901. | 0.1 | 13 |
| 32 | Synthesis of the Urchin-Like NiS@NiCo ₂ S ₄ Composites on Nickel Foam for High-Performance Supercapacitors. <i>ChemElectroChem</i> , 2020, 7, 175-182. | 1.7 | 13 |
| 33 | Ultrasensitive determination of 2,4,6-trinitrotoluene by exploiting the strongly enhanced electrochemiluminescence of an assembly between CdSe and graphene quantum dots and its quenching by TNT. <i>Mikrochimica Acta</i> , 2017, 184, 73-80. | 2.5 | 12 |
| 34 | Construction of an unusual 3D framework based on V-shaped imidazolyl and oxalate ligands. <i>Mendeleev Communications</i> , 2013, 23, 231-232. | 0.6 | 11 |
| 35 | Synthesis of Micro/Nano-Flower Ni _X Co _Y O for High-Performance Electrochemical Supercapacitors. <i>ChemElectroChem</i> , 2019, 6, 928-936. | 1.7 | 11 |
| 36 | Sonoelectrochemical synthesized RGO-PbTe composite for novel electrochemical biosensor. <i>Sensors and Actuators B: Chemical</i> , 2012, 173, 239-243. | 4.0 | 9 |

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|----|--|-----|-----------|
| 37 | Synthesis of fluorescent and low cytotoxicity phenol formaldehyde resin (PFR)@Ag composites for cell imaging and antibacterial activity. <i>Luminescence</i> , 2015, 30, 1413-1417. | 1.5 | 9 |
| 38 | Construction of an unusual 2Dchiral/2Dchiral+2Dachiral network based on a V-shaped pyridyl ligand. <i>Mendeleev Communications</i> , 2013, 23, 229-230. | 0.6 | 7 |
| 39 | Microwave-assisted sonochemical synthesis of Cu and Mn doped GSH+ZnS polypeptide quantum dots and their enhanced photoelectrochemical properties. <i>RSC Advances</i> , 2016, 6, 109386-109393. | 1.7 | 7 |
| 40 | Enhanced electrochemiluminescent aptasensor for mercury based on CdTeSe@CdS QDs-DNA bioconjugates and enzymatic catalysis. <i>International Journal of Electrochemical Science</i> , 2018, 13, 3575-3587. | 0.5 | 7 |
| 41 | Construction of core-shell Ni@Ni3S2@NiCo2O4 nanoflakes as advanced electrodes for high-performance hybrid supercapacitors. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 155, 110110. | 1.9 | 7 |
| 42 | Ultrasensitive and Highly Selective Detection of Bisphenol a Using Core-Shell Magnetic Molecularly Imprinted Quantum Dots Electrochemiluminescent Probe. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2022, 108, 379-385. | 1.3 | 7 |
| 43 | An Unusual Entangled Motif Based on a V-Shaped Imidazolyl Ligand: 1D + 2D+3D Polycatenation. <i>Mendeleev Communications</i> , 2012, 22, 310-311. | 0.6 | 6 |
| 44 | Sonoelectrochemical synthesis and assembly of bismuth+antimony alloy: From nanocrystals to nanoflakes. <i>Ultrasonics Sonochemistry</i> , 2012, 19, 1039-1043. | 3.8 | 6 |
| 45 | Synthesis of rGO/TiO ₂ /CdS Nanocomposites and its Enhanced Photoelectrochemical Performance in Determination of Parathion-Methyl. <i>Nano</i> , 2018, 13, 1850054. | 0.5 | 4 |
| 46 | Facile synthesis of bimetallic-based CoMoO ₄ /MoO ₂ /CoP oxidized/phosphide nanorod arrays electroplated with FeOOH for efficient overall seawater splitting. <i>CrystEngComm</i> , 2021, 23, 6778-6791. | 1.3 | 4 |
| 47 | DETERMINATION OF TRACE LEAD AND CADMIUM USING STRIPPING VOLTAMMETRY IN FLUIDIC MICROCHIP INTEGRATED WITH SCREEN-PRINTED CARBON ELECTRODES. <i>Instrumentation Science and Technology</i> , 2012, 40, 590-602. | 0.9 | 3 |
| 48 | Facile synthesis of novel fluorescent phenol formaldehyde resin nanospheres for drug release. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50416. | 1.3 | 2 |
| 49 | Structure Characterization of Ag+Ga/Poly(methyl methacrylate) Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 5441-5444. | 0.9 | 1 |
| 50 | Synthesis of highly functionalized 3,4-cyclohexane-annelated coumarins. <i>Research on Chemical Intermediates</i> , 2015, 41, 583-593. | 1.3 | 1 |
| 51 | Synthesis of graphene nanosheets modified with the Fe ₃ O ₄ @ phenol formaldehyde resin or PFR nanoparticles for their application in bioimaging and thermal treatment. <i>Journal of Applied Polymer Science</i> , 2017, 134, . | 1.3 | 1 |
| 52 | Facile synthesis of up+conversion NaYF ₄ :Yb,Tm @phenol+formaldehyde resin@Ag composites for the sensitive detection of S ₂ . <i>Journal of Applied Polymer Science</i> , 2021, 138, 49710. | 1.3 | 1 |
| 53 | A photoelectrochemical sensor based on +cyclodextrin+modified MoS ₂ quantum dots+WS ₂ nanosheet composites for the detection of benzo [a]pyrene. <i>Micro and Nano Letters</i> , 2022, 17, 125-133. | 0.6 | 1 |
| 54 | Recovering Nano-Sized SnO ₂ from Electronic Wastes by Ultrasonic-Assisted Electrochemical Method. <i>Advanced Materials Research</i> , 0, 550-553, 2024-2028. | 0.3 | 0 |

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|----|--|-----|-----------|
| 55 | Synthesis and Self-Assembled Helical Supramolecular Polymer of Ethyl 7,8-dihydro-3-hydroxy-9-methyl-7-(4-nitrophenyl)-6 <i>H</i> -dibenzo[<i>c</i>]pyran-6-one-8-carboxylate. Heteroatom Chemistry, 2014, 25, 35-42. | 0.1 | 0 |
| 56 | Radial Sonophotocatalytic Device and Degradation of Organic Pollutant. Asian Journal of Chemistry, 2014, 26, 1771-1774. | 0.1 | 0 |