

Jian-Jun Shi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7428231/publications.pdf>

Version: 2024-02-01

56
papers

2,239
citations

236612

25
h-index

214527

47
g-index

56
all docs

56
docs citations

56
times ranked

2799
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	A photoelectrochemical sensor based on β -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
4	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
5	Facile synthesis of up-conversion NaYF ₄ :Yb,Tm @phenol-formaldehyde resin@Ag composites for the sensitive detection of S ₂ O ₃ ²⁻ . <i>Journal of Applied Polymer Science</i> , 2021, 138, 49710.	1.3	1
6	Facile synthesis of bimetallic-based CoMoO ₄ /MoO ₃ /CoP oxidized/phosphide nanorod arrays electroplated with FeOOH for efficient overall seawater splitting. <i>CrystEngComm</i> , 2021, 23, 6778-6791.	1.3	4
7	Construction of core-shell Ni@Ni ₃ S ₂ @NiCo ₂ O ₄ nanoflakes as advanced electrodes for high-performance hybrid supercapacitors. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 155, 110110.	1.9	7
8	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
9	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
10	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
11	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
12	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
13	Synthesis of Micro/Nano-Flower Ni ₃ XCo ₂ O for High-Performance Electrochemical Supercapacitors. <i>ChemElectroChem</i> , 2019, 6, 928-936.	1.7	11
14	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
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	Visible-light mediated directed perfluoroalkylation of hydrazones. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6014-6023.	1.5	23
24	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
25	Solvothermal Synthesis of Reduced Graphene Oxide/Ferroferric Oxide Hybrid Composites with Enhanced Microwave Absorption Properties. <i>Nano</i> , 2017, 12, 1750144.	0.5	17
26	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
27	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
28	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
29	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
30	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
31	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
32	Synthesis of highly functionalized 3,4-cyclohexane-annelated coumarins. <i>Research on Chemical Intermediates</i> , 2015, 41, 583-593.	1.3	1
33	Synthesis and Self-Assembled Helical Supramolecular Polymer of Ethyl 7,8-dihydro-3-hydroxy-9-methyl-7-(4-nitrophenyl)-6H-benzo[<i>c</i>]pyran-6-one-8-carboxylate. <i>Heteroatom Chemistry</i> , 2014, 25, 35-42.		
34	Sonoelectrochemical synthesis of water-soluble CdTe quantum dots. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 493-498.	3.8	26
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	Bimetallic Pd-Pt supported graphene promoted enzymatic redox cycling for ultrasensitive electrochemical quantification of microRNA from cell lysates. <i>Analyst</i> , The, 2014, 139, 3860-3865.	1.7	34
38	Radial Sonophotocatalytic Device and Degradation of Organic Pollutant. <i>Asian Journal of Chemistry</i> , 2014, 26, 1771-1774.	0.1	0
39	Fabrication of a boron nitride-gold nanocluster composite and its versatile application for immunoassays. <i>Chemical Communications</i> , 2013, 49, 10757.	2.2	75
40	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
41	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
42	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
43	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
44	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
45	Sonoelectrochemical synthesized RGO-PbTe composite for novel electrochemical biosensor. <i>Sensors and Actuators B: Chemical</i> , 2012, 173, 239-243.	4.0	9
46	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
47	Sonoelectrochemical synthesis and assembly of bismuth-antimony alloy: From nanocrystals to nanoflakes. <i>Ultrasonics Sonochemistry</i> , 2012, 19, 1039-1043.	3.8	6
48	Sonoelectrochemical fabrication of PDDA-RGO-PdPt nanocomposites as electrocatalyst for DAFCs. <i>Journal of Materials Chemistry</i> , 2011, 21, 7343.	6.7	80
49	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
50	Synthesis of stabilizer-free gold nanoparticles by pulse sonoelectrochemical method. <i>Ultrasonics Sonochemistry</i> , 2011, 18, 231-237.	3.8	30
51	Structure Characterization of Ag-Ga/Poly(methyl methacrylate) Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 5441-5444.	0.9	1
52	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
53	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
54	DNA aptasensor for the detection of ATP based on quantum dots electrochemiluminescence. <i>Nanoscale</i> , 2010, 2, 606.	2.8	104

#	ARTICLE	IF	CITATIONS
55	On Interaction between nano-Ag and P(AMPS-co-MMA) copolymer synthesized by ultrasonic. Journal of Polymer Research, 2009, 16, 295-299.	1.2	28
56	Recovering Nano-Sized SnO ₂ from Electronic Wastes by Ultrasonic-Assisted Electrochemical Method. Advanced Materials Research, 0, 550-553, 2024-2028.	0.3	0