# Zaijun Li

## List of Publications by Citations



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|---|---|---|---|
| 127 papers | 2,608 citations | 29 h-index | 42 g-index |
| 130 ext. papers | 3,002 ext. citations | 5.3 avg, IF | 5.35 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 127 | A new room temperature ionic liquid 1-butyl-3-trimethylsilylimidazolium hexafluorophosphate as a solvent for extraction and preconcentration of mercury with determination by cold vapor atomic absorption spectrometry. *Talanta*, **2007**, 71, 68-72 | 6.2 | 118 |
| 126 | Nickel–cobalt double hydroxides microspheres with hollow interior and hedgehog-like exterior structures for supercapacitors. *Journal of Materials Chemistry*, **2012**, 22, 23587 | | 98 |
| 125 | Synthesis of nitrogen-doped activated graphene aerogel/gold nanoparticles and its application for electrochemical detection of hydroquinone and o-dihydroxybenzene. *Nanoscale*, **2014**, 6, 5458-66 | 7.7 | 79 |
| 124 | Synergistic contributions of fullerene, ferrocene, chitosan and ionic liquid towards improved performance for a glucose sensor. *Biosensors and Bioelectronics*, **2010**, 25, 1434-8 | 11.8 | 69 |
| 123 | Chiral tetrahedral iron(II) cages: diastereoselective subcomponent self-assembly, structure interconversion and spin-crossover properties. *Chemical Communications*, **2015**, 51, 788-91 | 5.8 | 68 |
| 122 | An ultrasensitive electrochemical biosensor for glucose using CdTe-CdS core–shell quantum dot as ultrafast electron transfer relay between graphene-gold nanocomposite and gold nanoparticle. *Electrochimica Acta*, **2011**, 56, 9162-9167 | 6.7 | 65 |
| 121 | High-performance supercapacitors materials prepared via in situ growth of NiAl-layered double hydroxide nanoflakes on well-activated graphene nanosheets. *Electrochimica Acta*, **2013**, 94, 360-366 | 6.7 | 64 |
| 120 | Significantly enhanced electrochemical performance of lithium titanate anode for lithium ion battery by the hybrid of nitrogen and sulfur co-doped graphene quantum dots. *Electrochimica Acta*, **2015**, 178, 303-311 | 6.7 | 59 |
| 119 | Synthesis of palladium@gold nanoalloys/nitrogen and sulphur-functionalized multiple graphene aerogel for electrochemical detection of dopamine. *Analytica Chimica Acta*, **2017**, 954, 43-51 | 6.6 | 52 |
| 118 | Nitrogen-doped multiple graphene aerogel/gold nanostar as the electrochemical sensing platform for ultrasensitive detection of circulating free DNA in human serum. *Biosensors and Bioelectronics*, **2016**, 79, 457-66 | 11.8 | 50 |
| 117 | Fast synthesis of copper nanoclusters through the use of hydrogen peroxide additive and their application for the fluorescence detection of Hg2+ in water samples. *New Journal of Chemistry*, **2015**, 39, 5240-5248 | 3.6 | 47 |
| 116 | Phenylalanine-functionalized graphene quantum dot-silicon nanoparticle composite as an anode material for lithium ion batteries with largely enhanced electrochemical performance. *Electrochimica Acta*, **2016**, 198, 144-155 | 6.7 | 47 |
| 115 | Two-dimensional graphene-directed formation of cylindrical iron carbide nanocapsules for Fischer–Tropsch synthesis. *Catalysis Science and Technology*, **2017**, 7, 4609-4621 | 5.5 | 47 |
| 114 | Electrochemical determination of acetaminophen using a glassy carbon electrode modified with a hybrid material consisting of graphene aerogel and octadecylamine-functionalized carbon quantum dots. *Mikrochimica Acta*, **2018**, 185, 145 | 5.8 | 41 |
| 113 | Hybrid of NiCo2S4 and nitrogen and sulphur-functionalized multiple graphene aerogel for application in supercapacitors and oxygen reduction with significant electrochemical synergy. *Electrochimica Acta*, **2016**, 211, 59-70 | 6.7 | 39 |
| 112 | A two-dimensional semiconducting covalent organic framework with nickel(II) coordination for high capacitive performance. *Journal of Materials Chemistry A*, **2019**, 7, 19676-19681 | 13 | 39 |
| 111 | Ionic liquid 1-octyl-3-methylimidazolium hexafluorophosphate as a solvent for extraction of lead in environmental water samples with detection by graphite furnace atomic absorption spectrometry. *Mikrochimica Acta*, **2007**, 159, 95-100 | 5.8 | 38 |

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| 110 | Nanohybrid of Co3O4 and histidine-functionalized graphene quantum dots for electrochemical detection of hydroquinone. *Electrochimica Acta*, **2017**, 255, 323-334 | 6.7 | 37 |
| 109 | A sensitive and highly stable electrochemical impedance immunosensor based on the formation of silica gel-ionic liquid biocompatible film on the glassy carbon electrode for the determination of aflatoxin B1 in bee pollen. *Talanta*, **2010**, 80, 1632-7 | 6.2 | 37 |
| 108 | Electrochemical sensor for detection of cancer cell based on folic acid and octadecylamine-functionalized graphene aerogel microspheres. *Biosensors and Bioelectronics*, **2018**, 119, 156-162 | 11.8 | 36 |
| 107 | Histidine-functionalized graphene quantum dot-graphene micro-aerogel based voltammetric sensing of dopamine. *Sensors and Actuators B: Chemical*, **2017**, 250, 372-382 | 8.5 | 35 |
| 106 | Extraction spectrophotometric determination of aluminum in dialysis concentrates with 3,5-ditertbutylsalicylfluorone and ionic liquid 1-butyl-3-trimethylsilylimidazolium hexafluorophosphate. *Journal of Pharmaceutical and Biomedical Analysis*, **2007**, 43, 1609-14 | 3.5 | 34 |
| 105 | A green strategy for lithium isotopes separation by using mesoporous silica materials doped with ionic liquids and benzo-15-crown-5. *Journal of Radioanalytical and Nuclear Chemistry*, **2014**, 300, 843-852 | 1.5 | 32 |
| 104 | Ultra sensitive and wide-range pH sensor based on the BSA-capped Cu nanoclusters fabricated by fast synthesis through the use of hydrogen peroxide additive. *RSC Advances*, **2015**, 5, 48835-48841 | 3.7 | 32 |
| 103 | Fabrication of valine-functionalized graphene quantum dots and its use as a novel optical probe for sensitive and selective detection of Hg. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2017**, 171, 415-424 | 4.4 | 31 |
| 102 | Improved activity and stability of pseudomonas capaci lipase in a novel biocompatible ionic liquid, 1-isobutyl-3-methylimidazolium hexafluorophosphate. *Journal of Chemical Technology and Biotechnology*, **2008**, 83, 886-891 | 3.5 | 30 |
| 101 | Porphyrin-based porous polyimide polymer/Pd nanoparticle composites as efficient catalysts for Suzuki–Miyaura coupling reactions. *Polymer Chemistry*, **2018**, 9, 1430-1438 | 4.9 | 29 |
| 100 | Ultrasensitive Fluorometric Angling Determination of in Vitro and Fluorescence Imaging in Vivo Using Carbon Dots with Full-Color Emission. *Analytical Chemistry*, **2019**, 91, 14681-14690 | 7.8 | 29 |
| 99 | A Hexagonal Covalent Porphyrin Framework as an Efficient Support for Gold Nanoparticles toward Catalytic Reduction of 4-Nitrophenol. *Chemistry - A European Journal*, **2016**, 22, 17029-17036 | 4.8 | 29 |
| 98 | A 2D covalent organic framework involving strong intramolecular hydrogen bonds for advanced supercapacitors. *Polymer Chemistry*, **2020**, 11, 47-52 | 4.9 | 28 |
| 97 | NiCo2S4/tryptophan-functionalized graphene quantum dot nanohybrids for high-performance supercapacitors. *New Journal of Chemistry*, **2017**, 41, 1110-1118 | 3.6 | 27 |
| 96 | Three-dimensional conductive porous organic polymers based on tetrahedral polythiophene for high-performance supercapacitors. *New Journal of Chemistry*, **2018**, 42, 6247-6255 | 3.6 | 27 |
| 95 | Ultrafast synthesis of gold/proline-functionalized graphene quantum dots and its use for ultrasensitive electrochemical detection of p-acetamidophenol. *RSC Advances*, **2016**, 6, 42751-42755 | 3.7 | 27 |
| 94 | Synthesis of double gold nanoclusters/graphene oxide and its application as a new fluorescence probe for Hg2+ detection with greatly enhanced sensitivity and rapidity. *RSC Advances*, **2014**, 4, 24978-24985 | 3.7 | 26 |
| 93 | A metalloporphyrin-based porous organic polymer as an efficient catalyst for the catalytic oxidation of olefins and arylalkanes. *Dalton Transactions*, **2017**, 46, 11372-11379 | 4.3 | 26 |

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|---|---|---|---|
| 92 | Pentaethylenehexamine and d-penicillamine co-functionalized graphene quantum dots for fluorescent detection of mercury(II) and glutathione and bioimaging. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2018**, 203, 139-146 | 4.4 | 26 |
| 91 | A facile and scalable strategy for synthesis of size-tunable NiCo2O4 with nanocoral-like architecture for high-performance supercapacitors. *Electrochimica Acta*, **2014**, 134, 384-392 | 6.7 | 25 |
| 90 | Green and efficient extraction strategy to lithium isotope separation with double ionic liquids as the medium and ionic associated agent. *Journal of Radioanalytical and Nuclear Chemistry*, **2013**, 295, 2103-2110 | 1.5 | 25 |
| 89 | A free template strategy for the fabrication of nickel/cobalt double hydroxide microspheres with tunable nanostructure and morphology for high performance supercapacitors. *RSC Advances*, **2013**, 3, 19416 | 3.7 | 24 |
| 88 | Folic acid-functionalized graphene quantum dots with tunable fluorescence emission for cancer cell imaging and optical detection of Hg2+. *New Journal of Chemistry*, **2018**, 42, 4352-4360 | 3.6 | 23 |
| 87 | Spectrophotometric determination of trace lead in water after preconcentration using mercaptosephadex. *Talanta*, **2003**, 60, 123-30 | 6.2 | 23 |
| 86 | D-Penicillamine and bovine serum albumin co-stabilized copper nanoclusters with remarkably enhanced fluorescence intensity and photostability for ultrasensitive detection of Ag+. *New Journal of Chemistry*, **2016**, 40, 732-739 | 3.6 | 22 |
| 85 | Spin crossover-graphene nanocomposites: facile syntheses, characterization, and magnetic properties. *RSC Advances*, **2014**, 4, 31323-31327 | 3.7 | 22 |
| 84 | A three-dimensional porphyrin-based porous organic polymer with excellent biomimetic catalytic performance. *Polymer Chemistry*, **2017**, 8, 4327-4331 | 4.9 | 22 |
| 83 | The determination of lead in preserved food by spectrophotometry with dibromohydroxyphenylporphyrin. *Food Control*, **2004**, 15, 565-570 | 6.2 | 22 |
| 82 | A novel photoswitchable enzyme cascade for powerful signal amplification in versatile bioassays. *Chemical Communications*, **2017**, 53, 11165-11168 | 5.8 | 21 |
| 81 | SCO@SiO2@Au core□shell nanomaterials: enhanced photo-thermal plasmonic effect and spin-crossover properties. *RSC Advances*, **2014**, 4, 61313-61319 | 3.7 | 21 |
| 80 | Highly sensitive deoxynivalenol immunosensor based on a glassy carbon electrode modified with a fullerene/ferrocene/ionic liquid composite. *Mikrochimica Acta*, **2011**, 172, 365-371 | 5.8 | 21 |
| 79 | Pentaethylenehexamine and histidine-functionalized graphene quantum dots for ultrasensitive fluorescence detection of microRNA with target and molecular beacon double cycle amplification strategy. *Sensors and Actuators B: Chemical*, **2019**, 283, 666-676 | 8.5 | 21 |
| 78 | Electrochemical impedance spectroscopy for analytical determination of paraquat in meconium samples using an immunosensor modified with fullerene, ferrocene and ionic liquid. *Electrochimica Acta*, **2011**, 56, 1117-1122 | 6.7 | 20 |
| 77 | A Novel Room Temperature Ionic Liquid Extraction Spectrophotometric Determination of Trace Germanium in Natural Water with Methybenzeneazosalicylfluorone. *Analytical Letters*, **2006**, 39, 863-877 | 2.2 | 19 |
| 76 | Graphene quantum dot-rare earth upconversion nanocages with extremely high efficiency of upconversion luminescence, stability and drug loading towards controlled delivery and cancer theranostics. *Chemical Engineering Journal*, **2020**, 382, 122992 | 14.7 | 19 |
| 75 | Liquid□liquid extraction to lithium isotope separation based on room-temperature ionic liquids containing 2,2?-binaphthyldiyl-17-crown-5. *Journal of Nuclear Science and Technology*, **2015**, 52, 332-341 | 1 | 18 |

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| 74 | Synthesis of gold-palladium nanowaxberries/dodecylamine-functionalized graphene quantum dots-graphene micro-aerogel for voltammetric determination of peanut allergen Ara h 1. *Analytica Chimica Acta*, **2018**, 1008, 38-47 | 6.6 | 18 |
| 73 | Ultrasensitive "FRET-SEF" Probe for Sensing and Imaging MicroRNAs in Living Cells Based on Gold Nanoconjugates. *Analytical Chemistry*, **2018**, 90, 3099-3108 | 7.8 | 18 |
| 72 | Template-free synthesis of □Ni(OH)2 hollow microspheres with flower-like morphology for high-performance supercapacitors. *Materials Research Bulletin*, **2014**, 60, 612-620 | 5.1 | 18 |
| 71 | Green and controllable strategy to fabricate well-dispersed graphene□gold nanocomposite film as sensing materials for the detection of hydroquinone and resorcinol with electrodeposition. *Electrochimica Acta*, **2012**, 85, 42-48 | 6.7 | 18 |
| 70 | Multi-faceted design of a silicon anode for high performance lithium ion batteries using silicon nanoparticles encapsulated by a multiple graphene aerogel electrode material and a tryptophan-functionalized graphene quantum dot□sodium alginate binder. *RSC Advances*, **2016**, 6, 76344-76354 | 3.7 | 18 |
| 69 | Fabrication of zinc□histidine-functionalized graphene quantum dot framework amphiphilic nanoparticles and application in the synthesis of polystyrene microspheres for adsorption of Cu2+ by Pickering emulsion polymerization. *RSC Advances*, **2016**, 6, 102534-102541 | 3.7 | 17 |
| 68 | Novel copper-azido magnetic molecular tapes: syntheses, structures, and magnetic properties. *CrystEngComm*, **2011**, 13, 6415 | 3.3 | 17 |
| 67 | Spectrophotometric determination of ultra trace uranium(VI) in seawater after extractive preconcentration with ionic liquid and dimethylphenylazosalicylfluorone. *International Journal of Environmental Analytical Chemistry*, **2008**, 88, 583-590 | 1.8 | 17 |
| 66 | Spin crossover properties of enantiomers, co-enantiomers, racemates, and co-racemates. *Dalton Transactions*, **2016**, 45, 7340-8 | 4.3 | 17 |
| 65 | Metal-center exchange of tetrahedral cages: single crystal to single crystal and spin-crossover properties. *Chemical Communications*, **2016**, 52, 4796-9 | 5.8 | 17 |
| 64 | Histidine-functionalized carbon-based dot-Zinc(II) nanoparticles as a novel stabilizer for Pickering emulsion synthesis of polystyrene microspheres. *Journal of Colloid and Interface Science*, **2017**, 493, 24-31 | 9.3 | 16 |
| 63 | Highly sensitive electrochemical detection of circulating tumor DNA in human blood based on urchin-like gold nanocrystal-multiple graphene aerogel and target DNA-induced recycling double amplification strategy. *Analytica Chimica Acta*, **2020**, 1121, 17-25 | 6.6 | 16 |
| 62 | Polymorphism of a chiral iron(ii) complex: spin-crossover and ferroelectric properties. *Dalton Transactions*, **2017**, 46, 8004-8008 | 4.3 | 15 |
| 61 | A family of homochiral spin-crossover iron(II) imidazole Schiff-base complexes. *Inorganic Chemistry Communication*, **2015**, 51, 50-54 | 3.1 | 15 |
| 60 | Flower-like Fe2O3@multiple graphene aerogel for high-performance supercapacitors. *Journal of Alloys and Compounds*, **2018**, 742, 759-768 | 5.7 | 15 |
| 59 | Synthesis of gold nanoclusters/glucose oxidase/graphene oxide multifunctional catalyst with surprisingly enhanced activity and stability and its application for glucose detection. *RSC Advances*, **2014**, 4, 9935 | 3.7 | 15 |
| 58 | Fabrication of a high density graphene aerogel□gold nanostar hybrid and its application for the electrochemical detection of hydroquinone and o-dihydroxybenzene. *RSC Advances*, **2015**, 5, 54211-54219 | 3.7 | 14 |
| 57 | Optical recognition of alkyl nitrile by a homochiral iron(II) spin crossover host. *CrystEngComm*, **2015**, 17, 7956-7963 | 3.3 | 14 |

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| 56 | Ultrasensitive direct detection of dsDNA using a glassy carbon electrode modified with thionin-functionalized multiple graphene aerogel and gold nanostars. *Mikrochimica Acta*, **2016**, 183, 1641-1649 | 5.8 | 14 |
| 55 | Improved activity and thermo-stability of the horse radish peroxidase with graphene quantum dots and its application in fluorometric detection of hydrogen peroxide. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2016**, 165, 106-113 | 4.4 | 14 |
| 54 | Colorimetric detection of chlorpyrifos in peach based on cobalt-graphene nanohybrid with excellent oxidase-like activity and reusability. *Journal of Hazardous Materials*, **2021**, 415, 125752 | 12.8 | 14 |
| 53 | Facile strategy for synthesis of silver-graphene hybrid with controllable size and excellent dispersion for ultrasensitive electrochemical detection of acetamiprid. *Applied Surface Science*, **2020**, 512, 145628 | 6.7 | 13 |
| 52 | Development of dispersive liquid-phase microextraction based on new ionic liquid 1,3-diisooctylimidazolium hexafluorophosphate as solvent for the extraction and determination of dicofol and its degradation products in water samples. *International Journal of Environmental Analytical Chemistry*, **2010**, 90, 856-868 | 1.8 | 13 |
| 51 | A sensitive, switchable and biocompatible surface enhanced Raman scattering-fluorescence dual mode probe using bipyramid gold nanocrystal-gold nanoclusters for high-throughput biodetection. *Analytical Methods*, **2014**, 6, 2862 | 3.2 | 12 |
| 50 | Determination of microcystin-LR with a glassy carbon impedimetric immunoelectrode modified with an ionic liquid and multiwalled carbon nanotubes. *Mikrochimica Acta*, **2013**, 180, 75-83 | 5.8 | 12 |
| 49 | Determination of trace molybdenum in vegetable and food samples by spectrophotometry with p-carboxyphenylfluorone. *Analytical and Bioanalytical Chemistry*, **2002**, 374, 1125-31 | 4.4 | 12 |
| 48 | Molecular machine and gold/graphene quantum dot hybrid based dual amplification strategy for voltammetric detection of VEGF165. *Mikrochimica Acta*, **2019**, 186, 242 | 5.8 | 11 |
| 47 | Switched photoelectrochemistry of carbon dots for split-type immunoassay. *Analytica Chimica Acta*, **2018**, 1014, 19-26 | 6.6 | 11 |
| 46 | Synthesis of dodecylamine-functionalized graphene quantum dots and their application as stabilizers in an emulsion polymerization of styrene. *Journal of Colloid and Interface Science*, **2017**, 505, 847-857 | 9.3 | 11 |
| 45 | Spectrophotometric method for determination of germanium in foods with new color reagent trimethoxylphenylfluorone. *Analytica Chimica Acta*, **2001**, 445, 153-159 | 6.6 | 11 |
| 44 | A 2D donor-acceptor covalent organic framework with charge transfer for supercapacitors. *Chemical Communications*, **2020**, 56, 14187-14190 | 5.8 | 11 |
| 43 | Dual amplification in a fluorometric acetamiprid assay by using an aptamer, G-quadruplex/hemin DNAzyme, and graphene quantum dots functionalized with D-penicillamine and histidine. *Mikrochimica Acta*, **2020**, 187, 158 | 5.8 | 10 |
| 42 | A surface-enhanced Raman scattering strategy for detection of peanut allergen Ara h 1 using a bipyramid-shaped gold nanocrystal substrate with an improved synthesis. *RSC Advances*, **2014**, 4, 15363-15370 | 3.7 | 10 |
| 41 | Determination of cadmium in tableware leach solution by spectrophotometry using 2,6-dimethylphenyldiazoaminobenzene. *Food Control*, **2006**, 17, 551-556 | 6.2 | 10 |
| 40 | 9-(2,4-dihydroxyphenyl)-2,3,7-trihydroxyl-6-fluorone as analytical reagent for spectrophotometric determination of molybdenum in plant tissues. *Journal of Food Composition and Analysis*, **2005**, 18, 561-569 | 4.1 | 10 |
| 39 | Study on the Synthesis and Electrochemical Performance of Histidine-Functionalized Graphene Quantum Dots@Silicon Composite Anode Material. *Acta Chimica Sinica*, **2016**, 74, 620 | 3.3 | 10 |

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| 38 | Molecular isomerism induced Fe(ii) spin state difference based on the tautomerization of the 4(5)-methylimidazole group. *Dalton Transactions*, **2017**, 46, 4218-4224 | 4.3 | 9 |
| 37 | Graphene micro-aerogel based voltammetric sensing of p-acetamidophenol. *Mikrochimica Acta*, **2017**, 184, 1417-1426 | 5.8 | 9 |
| 36 | Enantioselective DNA condensation induced by heptameric lanthanum helical supramolecular enantiomers. *Journal of Inorganic Biochemistry*, **2014**, 138, 73-80 | 4.2 | 9 |
| 35 | A Novel Temperature-Controlled Ionic Liquid as the Medium for Phenylethyl Acetate Synthesis Catalyzed by Lipase. *Chinese Journal of Catalysis*, **2010**, 31, 289-294 | 11.3 | 9 |
| 34 | Establishing Interfacial Charge-Transfer Transitions on Ferroelectric Perovskites: An Efficient Route for Photoelectrochemical Bioanalysis. *ACS Sensors*, **2020**, 5, 3827-3832 | 9.2 | 8 |
| 33 | Lithium titanate anode for high-performance lithium-ion batteries using octadecylamine and folic acid-functionalized graphene oxide for fabrication of ultrathin lithium titanate nanoflakes and modification of binder. *New Journal of Chemistry*, **2018**, 42, 15097-15104 | 3.6 | 8 |
| 32 | Highly sensitive and selective spectrophotometric method for determination of trace gold in geological samples with 5-(2-hydroxy-5-nitrophenylazo)rhodanine. *Analytical and Bioanalytical Chemistry*, **2003**, 375, 408-13 | 4.4 | 8 |
| 31 | Integrating spin-crossover nanoparticles with silver nanowires: toward magnetic and conductive bifunctional nanomaterials. *New Journal of Chemistry*, **2017**, 41, 10062-10068 | 3.6 | 7 |
| 30 | Spectrophotometric determination of iron(III)-dimethyldithiocarbamate (ferbam) using 9-(4-carboxyphenyl)-2,3,7-trihydroxyl-6-fluorone. *Talanta*, **2004**, 63, 647-51 | 6.2 | 7 |
| 29 | THE DETERMINATION OF LEAD IN INDUSTRIAL SAMPLES BY SPECTROPHOTOMETRY WITH 2-(2-SULFOPHENYLAZO)-7-(2,6-DIBROMO-4-METHYPHENYLAZO)- 1,8-DIHYDROXYNAPHTHALENE-3,6-DISULFONIC ACID. *Analytical Letters*, **2002**, 35, 2157-2171 | 2.2 | 6 |
| 28 | Direct spectrophotometric determination of calcium in clinical samples with carboxyazo□□H3. *Analytica Chimica Acta*, **2002**, 452, 303-309 | 6.6 | 5 |
| 27 | Synthesis of a novel dialkylaryl disulfonate gemini surfactant. *Journal of Surfactants and Detergents*, **2005**, 8, 337-340 | 1.9 | 5 |
| 26 | 1-(2,3,4-Trihydroxybenzylideneamino)-8-hydroxynaphthalene-3,6-disulfonic acid as reagent for spectrophotometric determination of boron in plants. *Talanta*, **2005**, 65, 1307-12 | 6.2 | 4 |
| 25 | Fluorescence quenching method for determination of trace tungsten in environmental samples with dibromohydroxyphenylfluorone. *International Journal of Environmental Analytical Chemistry*, **2004**, 84, 789-798 | 1.8 | 4 |
| 24 | Resin-Assisted Constructive Synthesis of Spin-Crossover Nanorod Arrays. *European Journal of Inorganic Chemistry*, **2016**, 2016, 4581-4585 | 2.3 | 4 |
| 23 | The solid□quid extraction separation of lithium isotopes by porous composite materials doped with ionic liquids and 2,2?-binaphthyldiyl-17-crown-5. *Journal of Radioanalytical and Nuclear Chemistry*, **2014**, 303, 2271 | 1.5 | 3 |
| 22 | Novel Spectrophotometric Method for Determination of Trace Germanium in Soils with Methybenzeneazosalicylfluorone using Ultrasound-Assisted Leaching. *Communications in Soil Science and Plant Analysis*, **2008**, 39, 461-474 | 1.5 | 3 |
| 21 | A novel direct spectrophotometric determination of traces of polyoxyethylene non-ionic surfactant in environmental water using meso-tetra (3,5-dibromo-4-hydrooxylphenyl) porphyrin□b (II) complex. *International Journal of Environmental Analytical Chemistry*, **2004**, 84, 267-275 | 1.8 | 3 |

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| 20 | Recent Advances in g-C N -Based Photocatalysts for Pollutant Degradation and Bacterial Disinfection: Design Strategies, Mechanisms, and Applications. *Small*, **2021**, e2105089 | 11 | 3 |
| 19 | Ion exchange properties and lithium isotopes selectivity of H0.36La0.55TiO3, H4Ti5O12 and H2Ti3O7. *Journal of Radioanalytical and Nuclear Chemistry*, **2016**, 307, 973-983 | 1.5 | 2 |
| 18 | In situ chemical redox and functionalization of graphene oxide: toward new cathodic photoelectrochemical bioanalysis. *Chemical Communications*, **2019**, 55, 10072-10075 | 5.8 | 2 |
| 17 | Dinuclear nickel(II) triple-stranded supramolecular cylinders: syntheses, characterization and G-quadruplexes binding properties. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2014**, 124, 21-9 | 4.4 | 2 |
| 16 | NOVEL SENSITIVE AND SELECTIVE METHOD FOR SPECTROPHOTOMETRIC DETERMINATION OF CERIUM(III) IN BIOLOGICAL SAMPLES USING 2,6-DIBROMO-4-CHLOROCARBOXYARSENAZO. *Analytical Letters*, **2002**, 35, 1959-1975 | 2.2 | 2 |
| 15 | Electrochemical detection of carbendazim in strawberry based on a ruthenium□graphene quantum dot hybrid with a three-dimensional network structure and Schottky heterojunction. *New Journal of Chemistry*, | 3.6 | 2 |
| 14 | Electrochemical detection of Mycobacterium tuberculosis IS6110 gene fragments based on the gold nanocrystals with uniform morphology and highly exposed high-index facets and target DNA-induced recycling amplification. *Sensors and Actuators B: Chemical*, **2020**, 314, 128061 | 8.5 | 2 |
| 13 | Electrochemical detection of carbendazim with mulberry fruit-like gold nanocrystal/multiple graphene aerogel and DNA cycle amplification. *Mikrochimica Acta*, **2021**, 188, 284 | 5.8 | 2 |
| 12 | A NiAg-graphene quantum dot-graphene hybrid with high oxidase-like catalytic activity for sensitive colorimetric detection of malathion. *New Journal of Chemistry*, **2021**, 45, 7129-7137 | 3.6 | 2 |
| 11 | Novel bioreactor for resolution of□(R,S)-1-phenylethanol using the functional conducting polymer and ionic liquid with excellent catalytic activity and stability. *Journal of Chemical Technology and Biotechnology*, **2013**, 88, n/a-n/a | 3.5 | 1 |
| 10 | Electrochemical biosensor for detection of MON89788 gene fragments with spiny trisoctahedron gold nanocrystal and target DNA recycling amplification. *Mikrochimica Acta*, **2020**, 187, 494 | 5.8 | 1 |
| 9 | Boron-doped and serine and histidine-functionalized graphene quantum dots with strong yellow fluorescence emissions for highly sensitive detection of carbofuran in cucumber and cabbage. *New Journal of Chemistry*, **2021**, 45, 17258-17265 | 3.6 | 1 |
| 8 | Highly dispersed RuO-biomass carbon composite made by immobilization of ruthenium and dissolution of coconut meat with octyl ammonium salicylate ionic liquid for high performance flexible supercapacitor. *Journal of Colloid and Interface Science*, **2022**, 606, 424-433 | 9.3 | 1 |
| 7 | The formation of a hole-transporting material on bismuth tungstate for innovative photoelectrochemical aptasensing. *Chemical Communications*, **2021**, 57, 8989-8992 | 5.8 | 1 |
| 6 | Highly sensitive and selective electrochemical aptasensor with gold-aspartic acid, glycine acid-functionalized and boron-doped graphene quantum dot nanohybrid for detection of □amanitin in blood. *Analytica Chimica Acta*, **2022**, 340033 | 6.6 | 1 |
| 5 | Synthesis and Supercapacitor Performance of Histidine-functionalized Carbon Dots/Graphene Aerogel. *Wuji Cailiao Xuebao/Journal of Inorganic Materials*, **2020**, 35, 1130 | 1 | 0 |
| 4 | Electrochemical detection of omethoate and acetamiprid in vegetable and fruit with high sensitivity and selectivity based on pomegranate-like gold nanoparticle and double target-induced DNA cycle signal amplification. *Sensors and Actuators B: Chemical*, **2022**, 359, 131597 | 8.5 | 0 |
| 3 | Switchable two-color graphene quantum dot as a promising fluorescence probe to highly sensitive pH detection and bioimaging.. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2022**, 275, 121028 | 4.4 | 0 |

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| 2 | Invoking Cathodic Photoelectrochemistry through a Spontaneously Coordinated Electron Transporter: A Proof of Concept Toward Signal Transduction for Bioanalysis.. *Analytical Chemistry*, **2021**, 93, 17119-17126 | 7.8 | 0 |
| 1 | Use of a novel medium, the ionic liquid 1-butyl-3-trimethylsilylimidazolium hexafluorophosphate, for liquid-liquid extraction of lead in water and its determination by graphite furnace atomic absorption spectrometry. *Journal of AOAC INTERNATIONAL*, **2007**, 90, 1191-6 | 1.7 | |