

Liangqia Guo

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80
papers

3,603
citations

34
h-index

59
g-index

82
ext. papers

4,051
ext. citations

6.4
avg, IF

5.37
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 80 | Seeing diabetes: visual detection of glucose based on the intrinsic peroxidase-like activity of MoS ₂ nanosheets. <i>Nanoscale</i> , 2014 , 6, 11856-62 | 7.7 | 276 |
| 79 | Invisible Security Ink Based on Water-Soluble Graphitic Carbon Nitride Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2773-7 | 16.4 | 251 |
| 78 | A mussel-inspired polydopamine coating as a versatile platform for the in situ synthesis of graphene-based nanocomposites. <i>Nanoscale</i> , 2012 , 4, 5864-7 | 7.7 | 246 |
| 77 | A squaraine-based colorimetric and "turn on" fluorescent sensor for selective detection of Hg ²⁺ in an aqueous medium. <i>Organic Letters</i> , 2011 , 13, 1162-5 | 6.2 | 183 |
| 76 | Visual detection of blood glucose based on peroxidase-like activity of WS ₂ nanosheets. <i>Biosensors and Bioelectronics</i> , 2014 , 62, 302-7 | 11.8 | 172 |
| 75 | Graphite-like carbon nitrides as peroxidase mimetics and their applications to glucose detection. <i>Biosensors and Bioelectronics</i> , 2014 , 59, 89-93 | 11.8 | 146 |
| 74 | Three-dimensional Fe ₃ O ₄ -graphene macroscopic composites for arsenic and arsenate removal. <i>Journal of Hazardous Materials</i> , 2015 , 298, 28-35 | 12.8 | 133 |
| 73 | Mussel-inspired polydopamine coated mesoporous silica nanoparticles as pH-sensitive nanocarriers for controlled release. <i>International Journal of Pharmaceutics</i> , 2014 , 463, 22-6 | 6.5 | 127 |
| 72 | Fe ₃ O ₄ @MoS ₂ Core/Shell Composites: Preparation, Characterization, and Catalytic Application. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 13658-13664 | 3.8 | 123 |
| 71 | A G-quadruplex based label-free fluorescent biosensor for lead ion. <i>Biosensors and Bioelectronics</i> , 2012 , 35, 123-127 | 11.8 | 102 |
| 70 | Visual detection of melamine in milk products by label-free gold nanoparticles. <i>Talanta</i> , 2010 , 82, 1654-8.2 | 8.2 | 98 |
| 69 | Oxidized Quasi-Carbon Nitride Quantum Dots Inhibit Ice Growth. <i>Advanced Materials</i> , 2017 , 29, 1606843 | 24 | 73 |
| 68 | Amplified colorimetric detection of mercuric ions through autonomous assembly of G-quadruplex DNAzyme nanowires. <i>Biosensors and Bioelectronics</i> , 2014 , 52, 261-4 | 11.8 | 73 |
| 67 | Visual Monitoring of Food Spoilage Based on Hydrolysis-Induced Silver Metallization of Au Nanorods. <i>Analytical Chemistry</i> , 2016 , 88, 11022-11027 | 7.8 | 65 |
| 66 | Sensitive turn-on fluorescent detection of melamine based on fluorescence resonance energy transfer. <i>Analyst</i> , 2011 , 136, 1659-63 | 5 | 60 |
| 65 | A sensitive colorimetric assay for cholesterol based on the peroxidase-like activity of MoS ₂ nanosheets. <i>Mikrochimica Acta</i> , 2017 , 184, 1233-1237 | 5.8 | 56 |
| 64 | A ratiometric multicolor fluorescence biosensor for visual detection of alkaline phosphatase activity via a smartphone. <i>Biosensors and Bioelectronics</i> , 2019 , 143, 111605 | 11.8 | 54 |

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| 63 | Phenyl-doped graphitic carbon nitride: photoluminescence mechanism and latent fingerprint imaging. <i>Nanoscale</i> , 2017 , 9, 17737-17742 | 7.7 | 54 |
| 62 | Invisible Security Ink Based on Water-Soluble Graphitic Carbon Nitride Quantum Dots. <i>Angewandte Chemie</i> , 2016 , 128, 2823-2827 | 3.6 | 53 |
| 61 | Highly sensitive fluorescent sensor for mercury ion based on photoinduced charge transfer between fluorophore and pi-stacked T-Hg(II)-T base pairs. <i>Talanta</i> , 2009 , 79, 775-9 | 6.2 | 51 |
| 60 | A sensitive and selective DNAzyme-based flow cytometric method for detecting Pb ²⁺ ions. <i>Chemical Communications</i> , 2012 , 48, 1150-2 | 5.8 | 51 |
| 59 | Photoinduced Electron Transfer Mediated by π-Stacked Thymine-Hg ²⁺ -Thymine Base Pairs. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 4837-4842 | 3.8 | 48 |
| 58 | A pH-responsive controlled release system using layered double hydroxide (LDH)-capped mesoporous silica nanoparticles. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 1644-1648 | 7.3 | 45 |
| 57 | Visual and colorimetric detection of p-aminophenol in environmental water and human urine samples based on anisotropic growth of Ag nanoshells on Au nanorods. <i>Talanta</i> , 2016 , 148, 62-8 | 6.2 | 41 |
| 56 | Label-free fluorescent sensor for mercury(II) ion by using carbon nanotubes to reduce background signal. <i>Analyst, The</i> , 2011 , 136, 1632-6 | 5 | 41 |
| 55 | Dual-mode unsymmetrical squaraine-based sensor for selective detection of Hg ²⁺ in aqueous media. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 8195-201 | 3.9 | 39 |
| 54 | An organically modified sol-gel membrane for detection of lead ion by using 2-hydroxy-1-naphthaldehyde-8-aminoquinoline as fluorescence probe. <i>Sensors and Actuators B: Chemical</i> , 2008 , 130, 789-794 | 8.5 | 39 |
| 53 | On-line coupling of pressurized capillary electrochromatography with end-column amperometric detection for analysis of estrogens. <i>Electrophoresis</i> , 2005 , 26, 2342-50 | 3.6 | 39 |
| 52 | Colorimetric biosensor for the assay of paraoxon in environmental water samples based on the iodine-starch color reaction. <i>Analytica Chimica Acta</i> , 2017 , 967, 59-63 | 6.6 | 38 |
| 51 | Tumor-Targeting Photothermal Heating-Responsive Nanoplatfrom Based on Reduced Graphene Oxide/Mesoporous Silica/Hyaluronic Acid Nanocomposite for Enhanced Photodynamic Therapy. <i>Advanced Materials Interfaces</i> , 2017 , 4, 1700425 | 4.6 | 36 |
| 50 | Preparation of a new core-shell Ag@SiO ₂ nanocomposite and its application for fluorescence enhancement. <i>Talanta</i> , 2010 , 82, 1696-700 | 6.2 | 36 |
| 49 | Thioacetamide chemically immobilized on silica gel as a solid phase extractant for the extraction and preconcentration of copper(II), lead(II), and cadmium(II). <i>Journal of Separation Science</i> , 2005 , 28, 462-470 | 3.4 | 36 |
| 48 | Separation of structurally related estrogens using isocratic elution pressurized capillary electrochromatography. <i>Journal of Chromatography A</i> , 2005 , 1092, 258-62 | 4.5 | 35 |
| 47 | Colorimetric detection of benzoyl peroxide based on the etching of silver nanoshells of Au@Ag nanorods. <i>Sensors and Actuators B: Chemical</i> , 2018 , 261, 379-384 | 8.5 | 34 |
| 46 | Colorimetric determination of xanthine in urine based on peroxidase-like activity of WO ₃ nanosheets. <i>Talanta</i> , 2019 , 204, 278-284 | 6.2 | 33 |

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| 45 | An ultrasensitive electrochemical sensor for the mercuric ion via controlled assembly of SWCNTs. <i>Chemical Communications</i> , 2011 , 47, 10665-7 | 5.8 | 33 |
| 44 | Separation and determination of seven fluoroquinolones by pressurized capillary electrochromatography. <i>Journal of Separation Science</i> , 2005 , 28, 2210-7 | 3.4 | 33 |
| 43 | High-Throughput and Rapid Screening of Low-Mass Hazardous Compounds in Complex Samples. <i>Analytical Chemistry</i> , 2015 , 87, 6931-6 | 7.8 | 31 |
| 42 | An antibody-graphene oxide nanoribbon conjugate as a surface enhanced laser desorption/ionization probe with high sensitivity and selectivity. <i>Chemical Communications</i> , 2015 , 51, 4619-22 | 5.8 | 28 |
| 41 | Enzyme-free detection of DNA based on hybridization chain reaction amplification and fluorescence resonance energy transfer. <i>Sensors and Actuators B: Chemical</i> , 2016 , 233, 691-696 | 8.5 | 27 |
| 40 | Microsphere-based flow cytometric immunoassay for the determination of citrinin in red yeast rice. <i>Food Chemistry</i> , 2012 , 134, 2540-5 | 8.5 | 26 |
| 39 | An enzyme-free and label-free fluorescent biosensor for small molecules by G-quadruplex based hybridization chain reaction. <i>Talanta</i> , 2015 , 138, 15-19 | 6.2 | 25 |
| 38 | A novel sensor based on the porous plastic probe for determination of dissolved oxygen in seawater. <i>Talanta</i> , 2008 , 74, 1032-7 | 6.2 | 24 |
| 37 | Boron- and phenyl-codoped graphitic carbon nitride with greatly enhanced light responsive range for photocatalytic disinfection. <i>Journal of Hazardous Materials</i> , 2018 , 358, 62-68 | 12.8 | 23 |
| 36 | Colorimetric detection of residual hydrogen peroxide in soaked food based on Au@Ag nanorods. <i>Analytical Methods</i> , 2018 , 10, 504-507 | 3.2 | 21 |
| 35 | An organically modified sol-gel membrane for detection of mercury ions by using 5,10,15,20-tetraphenylporphyrin as a fluorescence indicator. <i>Sensors and Actuators B: Chemical</i> , 2006 , 119, 209-214 | 8.5 | 21 |
| 34 | Thermo- and Photoresponsive Actuators with Freestanding Carbon Nitride Films. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 12770-12776 | 9.5 | 20 |
| 33 | Graphitic Carbon Nitride Nanomaterials for Multicolor Light-Emitting Diodes and Bioimaging. <i>ACS Applied Nano Materials</i> , 2020 , 3, 6798-6805 | 5.6 | 17 |
| 32 | Label-free and enzyme-free sensitive fluorescent detection of human immunodeficiency virus deoxyribonucleic acid based on hybridization chain reaction. <i>Analytica Chimica Acta</i> , 2014 , 852, 244-9 | 6.6 | 17 |
| 31 | A 2-D framework incorporating lanthanide metal complex linkers into polymeric iodoplumbate. <i>CrystEngComm</i> , 2009 , 11, 545-548 | 3.3 | 17 |
| 30 | DNAzyme-based biosensor for Cu(2+) ion by combining hybridization chain reaction with fluorescence resonance energy transfer technique. <i>Talanta</i> , 2016 , 155, 245-9 | 6.2 | 17 |
| 29 | Magnetic beads based colorimetric detection of mercuric ion. <i>Sensors and Actuators B: Chemical</i> , 2014 , 191, 600-604 | 8.5 | 16 |
| 28 | A ratiometric nanoprobe for biosensing based on green fluorescent graphitic carbon nitride nanosheets as an internal reference and quenching platform. <i>Biosensors and Bioelectronics</i> , 2019 , 129, 118-123 | 11.8 | 15 |

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| 27 | Colorimetric assay of acetylcholinesterase inhibitor tacrine based on MoO nanoparticles as peroxidase mimetics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 224, 117412 | 4.4 | 15 |
| 26 | Barbituric acid-modified graphitic carbon nitride nanosheets for ratiometric fluorescent detection of Cu. <i>Analyst, The</i> , 2018 , 143, 1609-1614 | 5 | 14 |
| 25 | Colorimetric assay of copper ions based on the inhibition of peroxidase-like activity of MoS nanosheets. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 185, 271-275 | 4.4 | 13 |
| 24 | Determination of carbofuran by flow-injection with chemiluminescent detection. <i>Luminescence</i> , 2005 , 20, 226-30 | 2.5 | 13 |
| 23 | Colorimetric Sensing of Glyphosate in Environmental Water Based on Peroxidase Mimetic Activity of MoS ₂ Nanosheets. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 5730-5734 | 1.3 | 12 |
| 22 | Analysis of phenoxy-type N-methylcarbamate pesticide residues in vegetables by capillary zone electrophoresis with pre-column hydrolysis and amperometric detection. <i>Journal of Chromatographic Science</i> , 2008 , 46, 615-21 | 1.4 | 12 |
| 21 | Synthesis and Characterization of Organically Templated Copper Halides with Zero and One-dimensional Hybrid Structures: (nbq) ₄ Cu ₄ I ₈ and [(ipq) ₂ (Cu ₅ I ₇)] _n . <i>Journal of Cluster Science</i> , 2007 , 18, 817-829 | 3 | 12 |
| 20 | Synthesis, Characterization, and Electronic Structures of Organically Templated Lead Halides with One- and Two-Dimensional Hybrid Structures, [(nbq)(PbI ₃)] _n and {[[(CH ₃) ₃ NC ₂ H ₄ N(CH ₃) ₃] ₃ (Pb ₆ I ₁₈)] _n . <i>Australian Journal of Chemistry</i> , 2007 , 60, 595 | 1.2 | 12 |
| 19 | Preparation and characterization of molecularly imprinted silica particles for selective adsorption of naphthalene. <i>Reactive and Functional Polymers</i> , 2011 , 71, 1172-1176 | 4.6 | 9 |
| 18 | Flow injection chemiluminescent determination of tetracycline using a tris(2,2Sbipyridine)ruthenium(II)-cerium(IV) sulphate system. <i>Luminescence</i> , 2004 , 19, 64-8 | 2.5 | 9 |
| 17 | Pharmacokinetics of ciprofloxacin in eels by high-performance liquid chromatography with fluorescence detection. <i>Analytical Biochemistry</i> , 2005 , 341, 275-9 | 3.1 | 9 |
| 16 | Exfoliation of transition-metal dichalcogenides using ATP in aqueous solution. <i>Chemical Communications</i> , 2019 , 55, 2972-2975 | 5.8 | 8 |
| 15 | Photoactivated oxidase mimetics derived from dicyandiamide and barbituric acid for colorimetric detection of glutathione. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 215, 307-312 | 4.4 | 8 |
| 14 | Determination of oxytetracycline by flow injection with chemiluminescence detection. <i>Luminescence</i> , 2005 , 20, 129-34 | 2.5 | 7 |
| 13 | Salt-template preparation of MoN nanosheets with peroxidase- and catalase-like activities and application for colorimetric determination of 4-aminophenol. <i>Mikrochimica Acta</i> , 2021 , 189, 1 | 5.8 | 7 |
| 12 | Fluorescence imaging of Cys in keratinocytes upon UVB exposure using phenyl doped graphitic carbon nitride Nanosheets-Au nanoparticles nanocomposite. <i>Analytica Chimica Acta</i> , 2019 , 1091, 127-134 | 6.6 | 6 |
| 11 | A tri-functional probe mediated exponential amplification strategy for highly sensitive detection of Dnmt1 and UDG activities at single-cell level. <i>Analytica Chimica Acta</i> , 2020 , 1103, 164-173 | 6.6 | 6 |
| 10 | Ratiometric fluorescent biosensor for microRNAs imaging in living cells. <i>Sensors and Actuators B: Chemical</i> , 2020 , 322, 128632 | 8.5 | 5 |

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| 9 | 3-Amino-1,2,4-triazole-derived graphitic carbon nitride for photodynamic therapy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 250, 119363 | 4.4 | 5 |
| 8 | Highly fluorescent g-CN nanobelts derived from bulk g-CN for NO gas sensing. <i>Journal of Hazardous Materials</i> , 2021 , 416, 126195 | 12.8 | 5 |
| 7 | Boron- and Phenyl-Doped Graphitic Carbon Nitride (g-CN) Nanosheets for Colorimetric Detection of Hydrogen Peroxide in Soaked Foods. <i>Journal of Nanoscience and Nanotechnology</i> , 2019 , 19, 4220-4227 | 1.3 | 4 |
| 6 | Phenyl doped graphitic carbon nitride nanosheets for sensing of copper ions in living cells. <i>Analyst, The</i> , 2020 , 145, 4260-4264 | 5 | 3 |
| 5 | A new porous plastic fiber probe for ammonia monitoring. <i>Sensors and Actuators B: Chemical</i> , 2005 , 104, 173-178 | 8.5 | 3 |
| 4 | Determination of methyltestosterone using flow injection with chemiluminescence detection. <i>Luminescence</i> , 2005 , 20, 231-5 | 2.5 | 3 |
| 3 | A highly sensitive method for simultaneous detection of hAAG and UDG activity based on multifunctional dsDNA probes mediated exponential rolling circle amplification. <i>Talanta</i> , 2021 , 232, 122429 | 6.2 | 3 |
| 2 | Fluorescent graphitic carbon nitride with photocatalytic oxidase-like activity for anti-counterfeiting application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 268, 120685 | 4.4 | 1 |
| 1 | Highly fluorescent carbon nitride oligomer with aggregation-induced emission characteristic for plastic staining.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 276, 121238 | 4.4 | 1 |