

Liangqia Guo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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
79	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
78	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
77	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
76	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
75	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
74	Phenyl doped graphitic carbon nitride nanosheets for sensing of copper ions in living cells. <i>Analyst, The</i> , 2020 , 145, 4260-4264	5	3
73	Graphitic Carbon Nitride Nanomaterials for Multicolor Light-Emitting Diodes and Bioimaging. <i>ACS Applied Nano Materials</i> , 2020 , 3, 6798-6805	5.6	17
72	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
71	Ratiometric fluorescent biosensor for microRNAs imaging in living cells. <i>Sensors and Actuators B: Chemical</i> , 2020 , 322, 128632	8.5	5
70	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
69	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
68	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
67	Colorimetric determination of xanthine in urine based on peroxidase-like activity of WO nanosheets. <i>Talanta</i> , 2019 , 204, 278-284	6.2	33
66	Boron- and Phenyl-Doped Graphitic Carbon Nitride (g-CN _B) Nanosheets for Colorimetric Detection of Hydrogen Peroxide in Soaked Foods. <i>Journal of Nanoscience and Nanotechnology</i> , 2019 , 19, 4220-4227	7.3	4
65	Thermo- and Photoresponsive Actuators with Freestanding Carbon Nitride Films. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 12770-12776	9.5	20
64	Exfoliation of transition-metal dichalcogenides using ATP in aqueous solution. <i>Chemical Communications</i> , 2019 , 55, 2972-2975	5.8	8

63	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
62	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
61	Barbituric acid-modified graphitic carbon nitride nanosheets for ratiometric fluorescent detection of Cu. <i>Analyst, The</i> , 2018 , 143, 1609-1614	5	14
60	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
59	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
58	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
57	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
56	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
55	Oxidized Quasi-Carbon Nitride Quantum Dots Inhibit Ice Growth. <i>Advanced Materials</i> , 2017 , 29, 160684324		73
54	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
53	Colorimetric assay of copper ions based on the inhibition of peroxidase-like activity of MoS ₂ nanosheets. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 185, 271-275	4.4	13
52	Phenyl-doped graphitic carbon nitride: photoluminescence mechanism and latent fingerprint imaging. <i>Nanoscale</i> , 2017 , 9, 17737-17742	7.7	54
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	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
49	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
48	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
47	Invisible Security Ink Based on Water-Soluble Graphitic Carbon Nitride Quantum Dots. <i>Angewandte Chemie</i> , 2016 , 128, 2823-2827	3.6	53
46	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

45	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
44	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
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	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
41	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
40	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
39	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
38	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
37	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
36	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
35	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
34	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
33	Magnetic beads based colorimetric detection of mercuric ion. <i>Sensors and Actuators B: Chemical</i> , 2014 , 191, 600-604	8.5	16
32	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
31	A G-quadruplex based label-free fluorescent biosensor for lead ion. <i>Biosensors and Bioelectronics</i> , 2012 , 35, 123-127	11.8	102
30	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
29	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
28	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

27	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
26	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
25	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
24	Sensitive turn-on fluorescent detection of melamine based on fluorescence resonance energy transfer. <i>Analyst, The</i> , 2011 , 136, 1659-63	5	60
23	An ultrasensitive electrochemical sensor for the mercuric ion via controlled assembly of SWCNTs. <i>Chemical Communications</i> , 2011 , 47, 10665-7	5.8	33
22	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
21	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
20	Visual detection of melamine in milk products by label-free gold nanoparticles. <i>Talanta</i> , 2010 , 82, 1654-86.2	8.2	98
19	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
18	Highly sensitive fluorescent sensor for mercury ion based on photoinduced charge transfer between fluorophore and π -stacked T-Hg(II)-T base pairs. <i>Talanta</i> , 2009 , 79, 775-9	6.2	51
17	A 2-D framework incorporating lanthanide metal complex linkers into polymeric iodoplumbate. <i>CrystEngComm</i> , 2009 , 11, 545-548	3.3	17
16	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
15	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
14	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
13	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
12	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
11	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
10	A new porous plastic fiber probe for ammonia monitoring. <i>Sensors and Actuators B: Chemical</i> , 2005 , 104, 173-178	8.5	3

9	Pharmacokinetics of ciprofloxacin in eels by high-performance liquid chromatography with fluorescence detection. <i>Analytical Biochemistry</i> , 2005 , 341, 275-9	3.1	9
8	Separation of structurally related estrogens using isocratic elution pressurized capillary electrochromatography. <i>Journal of Chromatography A</i> , 2005 , 1092, 258-62	4.5	35
7	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
6	Determination of carbofuran by flow-injection with chemiluminescent detection. <i>Luminescence</i> , 2005 , 20, 226-30	2.5	13
5	Determination of methyltestosterone using flow injection with chemiluminescence detection. <i>Luminescence</i> , 2005 , 20, 231-5	2.5	3
4	Determination of oxytetracycline by flow injection with chemiluminescence detection. <i>Luminescence</i> , 2005 , 20, 129-34	2.5	7
3	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, 462-70	3.4	36
2	Separation and determination of seven fluoroquinolones by pressurized capillary electrochromatography. <i>Journal of Separation Science</i> , 2005 , 28, 2210-7	3.4	33
1	Flow injection chemiluminescent determination of tetracycline using a tris(2,2'Sbipyridine)ruthenium(II)-cerium(IV) sulphate system. <i>Luminescence</i> , 2004 , 19, 64-8	2.5	9