FengFu Fu

List of Publications by Citations

141	4,795	37	62
papers	citations	h-index	g-index
149	5,471	6.9	5.76
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
141	Seeing diabetes: visual detection of glucose based on the intrinsic peroxidase-like activity of MoS2 nanosheets. *Nanoscale*, **2014**, 6, 11856-62	7.7	276
140	Invisible Security Ink Based on Water-Soluble Graphitic Carbon Nitride Quantum Dots. *Angewandte Chemie - International Edition*, **2016**, 55, 2773-7	16.4	251
139	Visual detection of blood glucose based on peroxidase-like activity of WS2 nanosheets. *Biosensors and Bioelectronics*, **2014**, 62, 302-7	11.8	172
138	Graphene quantum dots, graphene oxide, carbon quantum dots and graphite nanocrystals in coals. *Nanoscale*, **2014**, 6, 7410-5	7.7	170
137	Graphite-like carbon nitrides as peroxidase mimetics and their applications to glucose detection. *Biosensors and Bioelectronics*, **2014**, 59, 89-93	11.8	146
136	Three-dimensional Fe3O4-graphene macroscopic composites for arsenic and arsenate removal. *Journal of Hazardous Materials*, **2015**, 298, 28-35	12.8	133
135	Mussel-inspired polydopamine coated mesoporous silica nanoparticles as pH-sensitive nanocarriers for controlled release. *International Journal of Pharmaceutics*, **2014**, 463, 22-6	6.5	127
134	Fe3O4@MoS2 Core–Shell Composites: Preparation, Characterization, and Catalytic Application. *Journal of Physical Chemistry C*, **2015**, 119, 13658-13664	3.8	123
133	An ultrasensitive electrochemical biosensor for detection of DNA species related to oral cancer based on nuclease-assisted target recycling and amplification of DNAzyme. *Chemical Communications*, **2011**, 47, 8004-6	5.8	103
132	A G-quadruplex based label-free fluorescent biosensor for lead ion. *Biosensors and Bioelectronics*, **2012**, 35, 123-127	11.8	102
131	Visual detection of melamine in milk products by label-free gold nanoparticles. *Talanta*, **2010**, 82, 1654-8	6.2	98
130	Speciation analysis of mercury in natural water and fish samples by using capillary electrophoresis-inductively coupled plasma mass spectrometry. *Talanta*, **2012**, 89, 280-5	6.2	85
129	Amplified colorimetric detection of mercuric ions through autonomous assembly of G-quadruplex DNAzyme nanowires. *Biosensors and Bioelectronics*, **2014**, 52, 261-4	11.8	73
128	A novel electrically magnetic-controllable electrochemical biosensor for the ultra sensitive and specific detection of attomolar level oral cancer-related microRNA. *Biosensors and Bioelectronics*, **2013**, 45, 108-13	11.8	72
127	An ultrasensitive signal-on electrochemical aptasensor via target-induced conjunction of split aptamer fragments. *Biosensors and Bioelectronics*, **2010**, 25, 996-1000	11.8	71
126	A signal-on electrochemiluminescence aptamer biosensor for the detection of ultratrace thrombin based on junction-probe. *Biosensors and Bioelectronics*, **2011**, 26, 2645-50	11.8	67
125	Visual Monitoring of Food Spoilage Based on Hydrolysis-Induced Silver Metallization of Au Nanorods. *Analytical Chemistry*, **2016**, 88, 11022-11027	7.8	65

124	Speciation analysis of arsenic in Mya arenaria Linnaeus and Shrimp with capillary electrophoresis-inductively coupled plasma mass spectrometry. *Talanta*, **2009**, 78, 471-6	6.2	63
123	Speciation analysis of selenium in rice samples by using capillary electrophoresis-inductively coupled plasma mass spectrometry. *Talanta*, **2011**, 84, 983-8	6.2	61
122	Postsynthetic Functionalization of Zr-Immobilized Core-Shell Structured Magnetic Covalent Organic Frameworks for Selective Enrichment of Phosphopeptides. *ACS Applied Materials & Interfaces*, **2019**, 11, 13735-13741	9.5	60
121	Sensitive turn-on fluorescent detection of melamine based on fluorescence resonance energy transfer. *Analyst, The*, **2011**, 136, 1659-63	5	60
120	The variation of REE (rare earth elements) patterns in soil-grown plants: a new proxy for the source of rare earth elements and silicon in plants. *Plant and Soil*, **2001**, 235, 53-64	4.2	60
119	Facile synthesis of magnetic covalent organic framework nanobeads and application to magnetic solid-phase extraction of trace estrogens from human urine. *Journal of Chromatography A*, **2018**, 1567, 136-146	4.5	59
118	Study on the simultaneous determination of seven benzoylurea pesticides in Oolong tea and their leaching characteristics during infusing process by HPLC-MS/MS. *Food Chemistry*, **2014**, 143, 405-10	8.5	57
117	A sensitive colorimetric assay for cholesterol based on the peroxidase-like activity of MoS2 nanosheets. *Mikrochimica Acta*, **2017**, 184, 1233-1237	5.8	56
116	An ultrahighly sensitive and selective electrochemical DNA sensor via nicking endonuclease assisted current change amplification. *Chemical Communications*, **2010**, 46, 5939-41	5.8	56
115	Phenyl-doped graphitic carbon nitride: photoluminescence mechanism and latent fingerprint imaging. *Nanoscale*, **2017**, 9, 17737-17742	7.7	54
114	Study on the residue and degradation of fluorine-containing pesticides in Oolong tea by using gas chromatography–mass spectrometry. *Food Control*, **2012**, 25, 433-440	6.2	53
113	Invisible Security Ink Based on Water-Soluble Graphitic Carbon Nitride Quantum Dots. *Angewandte Chemie*, **2016**, 128, 2823-2827	3.6	53
112	Magnetic beads-based DNAzyme recognition and AuNPs-based enzymatic catalysis amplification for visual detection of trace uranyl ion in aqueous environment. *Biosensors and Bioelectronics*, **2016**, 78, 73-79	11.8	51
111	A sensitive and selective DNAzyme-based flow cytometric method for detecting Pb2+ ions. *Chemical Communications*, **2012**, 48, 1150-2	5.8	51
110	A pH-responsive controlled release system using layered double hydroxide (LDH)-capped mesoporous silica nanoparticles. *Journal of Materials Chemistry B*, **2013**, 1, 1644-1648	7.3	45
109	Exonuclease-assisted multicolor aptasensor for visual detection of ochratoxin A based on G-quadruplex-hemin DNAzyme-mediated etching of gold nanorod. *Mikrochimica Acta*, **2018**, 185, 259	5.8	43
108	A turn-off fluorescent biosensor for the rapid and sensitive detection of uranyl ion based on molybdenum disulfide nanosheets and specific DNAzyme. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2015**, 146, 1-6	4.4	43
107	No Structure-Switching Required: A Generalizable Exonuclease-Mediated Aptamer-Based Assay for Small-Molecule Detection. *Journal of the American Chemical Society*, **2018**, 140, 9961-9971	16.4	42

106	Visual and colorimetric detection of p-aminophenol in environmental water and human urine samples based on anisotropic growth of Ag nanoshells on Au nanorods. *Talanta*, **2016**, 148, 62-8	6.2	41
105	Tumor targeting dual stimuli responsive controllable release nanoplatform based on DNA-conjugated reduced graphene oxide for chemo-photothermal synergetic cancer therapy. *Journal of Materials Chemistry B*, **2018**, 6, 4360-4367	7.3	37
104	Tumor-Targeting Photothermal Heating-Responsive Nanoplatform Based on Reduced Graphene Oxide/Mesoporous Silica/Hyaluronic Acid Nanocomposite for Enhanced Photodynamic Therapy. *Advanced Materials Interfaces*, **2017**, 4, 1700425	4.6	36
103	Magnetic beads-based DNA hybridization chain reaction amplification and DNAzyme recognition for colorimetric detection of uranyl ion in seafood. *Analytica Chimica Acta*, **2017**, 956, 63-69	6.6	35
102	Magnetic targeted near-infrared II PA/MR imaging guided photothermal therapy to trigger cancer immunotherapy. *Theranostics*, **2020**, 10, 4997-5010	12.1	34
101	Rolling circle amplification combined with gold nanoparticles-tag for ultra sensitive and specific quantification of DNA by inductively coupled plasma mass spectrometry. *Biosensors and Bioelectronics*, **2014**, 58, 209-13	11.8	34
100	Determination of organophosphorus pesticides by capillary electrophoresis-inductively coupled plasma mass spectrometry with collective sample-introduction technique. *Electrophoresis*, **2009**, 30, 1718-23	3.6	34
99	Colorimetric determination of xanthine in urine based on peroxidase-like activity of WO nanosheets. *Talanta*, **2019**, 204, 278-284	6.2	33
98	Colorimetric determination of glutathione by using a nanohybrid composed of manganese dioxide and carbon dots. *Mikrochimica Acta*, **2018**, 185, 291	5.8	33
97	An ultrasensitive electrochemical sensor for the mercuric ion via controlled assembly of SWCNTs. *Chemical Communications*, **2011**, 47, 10665-7	5.8	33
96	Introducing structure-switching functionality into small-molecule-binding aptamers via nuclease-directed truncation. *Nucleic Acids Research*, **2018**, 46, e81	20.1	32
95	A novel Tb(3+)-promoted G-quadruplex-hemin DNAzyme for the development of label-free visual biosensors. *Biosensors and Bioelectronics*, **2011**, 26, 4053-7	11.8	32
94	In vitro isolation of class-specific oligonucleotide-based small-molecule receptors. *Nucleic Acids Research*, **2019**, 47, e71	20.1	31
93	A signal-on magnetic electrochemical immunosensor for ultra-sensitive detection of saxitoxin using palladium-doped graphitic carbon nitride-based non-competitive strategy. *Biosensors and Bioelectronics*, **2019**, 128, 45-51	11.8	31
92	Capillary electrophoresis with electrochemiluminescence detection: fundamental theory, apparatus, and applications. *Analytical and Bioanalytical Chemistry*, **2011**, 399, 3323-43	4.4	29
91	Electrochemical genotyping and detection of single-nucleotide polymorphisms based on junction-probe containing 2Rdeoxyinosine. *Chemical Communications*, **2010**, 46, 6986-8	5.8	29
90	Development of a new method for analysis of Sudan dyes by pressurized CEC with amperometric detection. *Electrophoresis*, **2007**, 28, 1696-703	3.6	29
89	Ultra-sensitive speciation analysis of mercury by CE-ICP-MS together with field-amplified sample stacking injection and dispersive solid-phase extraction. *Electrophoresis*, **2016**, 37, 1055-62	3.6	29

88	Effect of selenium in soil on the toxicity and uptake of arsenic in rice plant. *Chemosphere*, **2020**, 239, 124712	8.4	28
87	Ion-imprinted magnetic nanoparticles for specific separation and concentration of ultra-trace methyl mercury from aqueous sample. *Journal of Chromatography A*, **2017**, 1496, 167-173	4.5	27
86	Enzyme-free detection of DNA based on hybridization chain reaction amplification and fluorescence resonance energy transfer. *Sensors and Actuators B: Chemical*, **2016**, 233, 691-696	8.5	27
85	A strategy for development of electrochemical DNA biosensor based on site-specific DNA cleavage of restriction endonuclease. *Biosensors and Bioelectronics*, **2010**, 26, 144-8	11.8	26
84	An enzyme-free and label-free fluorescent biosensor for small molecules by G-quadruplex based hybridization chain reaction. *Talanta*, **2015**, 138, 15-19	6.2	25
83	Combination of Magnetic-Beads-Based Multiple Metal Nanoparticles Labeling with Hybridization Chain Reaction Amplification for Simultaneous Detection of Multiple Cancer Cells with Inductively Coupled Plasma Mass Spectrometry. *Analytical Chemistry*, **2019**, 91, 1171-1177	7.8	25
82	Specifically and Visually Detect Methyl-Mercury and Ethyl-Mercury in Fish Sample Based on DNA-Templated Alloy Ag-Au Nanoparticles. *Analytical Chemistry*, **2018**, 90, 5489-5495	7.8	24
81	Speciation analysis of lead in marine animals by using capillary electrophoresis couple online with inductively coupled plasma mass spectrometry. *Electrophoresis*, **2014**, 35, 1346-52	3.6	24
80	Study on the degradation of 2,4-dichlorophenoxyacetic acid (2,4-D) and 2-methyl-4-chloro-phenoxyacetic sodium (MCPA sodium) in natural agriculture-soils of Fuzhou, China using capillary electrophoresis. *Science of the Total Environment*, **2009**, 407, 1998-2003	10.2	24
79	In-situ synthesis of fluorinated magnetic covalent organic frameworks for fluorinated magnetic solid-phase extraction of ultratrace perfluorinated compounds from milk. *Journal of Chromatography A*, **2020**, 1615, 460773	4.5	24
78	Boron- and phenyl-codoped graphitic carbon nitride with greatly enhanced light responsive range for photocatalytic disinfection. *Journal of Hazardous Materials*, **2018**, 358, 62-68	12.8	23
77	Arsenic Speciation on Silver Nanofilms by Surface-Enhanced Raman Spectroscopy. *Analytical Chemistry*, **2019**, 91, 8280-8288	7.8	22
76	Speciation analysis and characterisation of arsenic in lavers collected from coastal waters of Fujian, south-eastern China. *Food Chemistry*, **2012**, 132, 1480-1485	8.5	22
75	An electrochemical biosensor for ultratrace terbium based on Tb3+ promoted conformational change of human telomeric G-quadruplex. *Biosensors and Bioelectronics*, **2009**, 25, 378-82	11.8	22
74	Colorimetric detection of residual hydrogen peroxide in soaked food based on Au@Ag nanorods. *Analytical Methods*, **2018**, 10, 504-507	3.2	21
73	A Multicolor Immunosensor for Sensitive Visual Detection of Breast Cancer Biomarker Based on Sensitive NADH-Ascorbic-Acid-Mediated Growth of Gold Nanobipyramids. *Analytical Chemistry*, **2020**, 92, 1534-1540	7.8	21
72	Stimuli-Responsive Plasmonic Assemblies and Their Biomedical Applications. *Nano Today*, **2021**, 36, 101014-101014	17.9	21
71	Simultaneous analysis of Cr(III), Cr(VI), and chromium picolinate in foods using capillary electrophoresis-inductively coupled plasma mass spectrometry. *Electrophoresis*, **2015**, 36, 1208-15	3.6	20

70	Visual detection of ultra-trace levels of uranyl ions using magnetic bead-based DNAzyme recognition in combination with rolling circle amplification. *Mikrochimica Acta*, **2017**, 184, 4259-4267	5.8	20
69	Analysis of ultratrace triorganotin compounds in aquatic organisms by using capillary electrophoresis-inductively coupled plasma mass spectrometry. *Talanta*, **2010**, 80, 1913-8	6.2	20
68	Origin of Silica Particles Found in the Cortex of Matteuccia Roots. *Soil Science Society of America Journal*, **2002**, 66, 1265-1271	2.5	20
67	Electrochemical behavior and determination of baicalin on a glassy carbon electrode modified with molybdenum disulfide nano-sheets. *Journal of Electroanalytical Chemistry*, **2016**, 775, 286-291	4.1	18
66	Ultra-sensitive electrochemical detection of single nucleotide polymorphisms based on an electrically controllable magnetic gold electrode. *Chemical Communications*, **2013**, 49, 996-8	5.8	18
65	Separation and determination of Ecasomorphins by using glass microfluidic chip electrophoresis together with laser-induced fluorescence detection. *Journal of Separation Science*, **2011**, 34, 196-201	3.4	18
64	A Colorimetric Sensor for the Visual Detection of Azodicarbonamide in Flour Based on Azodicarbonamide-Induced Anti-Aggregation of Gold Nanoparticles. *ACS Sensors*, **2018**, 3, 2145-2151	9.2	18
63	Magnetic bead-based AuNP labelling combined with inductively coupled plasma mass spectrometry for sensitively and specifically counting cancer cells. *Journal of Analytical Atomic Spectrometry*, **2016**, 31, 679-685	3.7	17
62	Species distribution characteristics of arsenic in shellfish seafood collected from Fujian Province of China. *Journal of Food Composition and Analysis*, **2018**, 72, 132-140	4.1	17
61	Label-free and enzyme-free sensitive fluorescent detection of human immunodeficiency virus deoxyribonucleic acid based on hybridization chain reaction. *Analytica Chimica Acta*, **2014**, 852, 244-9	6.6	17
60	DNAzyme-based biosensor for Cu(2+) ion by combining hybridization chain reaction with fluorescence resonance energy transfer technique. *Talanta*, **2016**, 155, 245-9	6.2	17
59	Capillary electrophoresis inductively coupled plasma mass spectrometry combined with metal tag for ultrasensitively determining trace saxitoxin in seafood. *Electrophoresis*, **2017**, 38, 469-476	3.6	16
58	A microfluidic chip-based fluorescent biosensor for the sensitive and specific detection of label-free single-base mismatch via magnetic beads-based "sandwich" hybridization strategy. *Electrophoresis*, **2013**, 34, 2177-84	3.6	16
57	Magnetic beads based colorimetric detection of mercuric ion. *Sensors and Actuators B: Chemical*, **2014**, 191, 600-604	8.5	16
56	A ratiometric nanoprobe for biosensing based on green fluorescent graphitic carbon nitride nanosheets as an internal reference and quenching platform. *Biosensors and Bioelectronics*, **2019**, 129, 118-123	11.8	15
55	Ultra-sensitive quantification of lysozyme based on element chelate labeling and capillary electrophoresis-inductively coupled plasma mass spectrometry. *Analytica Chimica Acta*, **2014**, 812, 12-7	6.6	15
54	Study on the photodegradation and microbiological degradation of pirimicarb insecticide by using liquid chromatography coupled with ion-trap mass spectrometry. *Journal of Chromatography A*, **2009**, 1216, 3217-22	4.5	15
53	A new interface used to couple capillary electrophoresis with an inductively coupled plasma mass spectrometry for speciation analysis. *Electrophoresis*, **2008**, 29, 2862-8	3.6	15

52	Persistent luminescent multifunctional drug delivery nano-platform based on nanomaterial ZnGa2O4:Cr3+,Sn4+ for imaging-guided cancer chemotherapy. *Journal of Materials Chemistry B*, **2019**, 7, 3019-3026	7.3	14
51	Barbituric acid-modified graphitic carbon nitride nanosheets for ratiometric fluorescent detection of Cu. *Analyst, The*, **2018**, 143, 1609-1614	5	14
50	Effects of C-Related Dangling Bonds and Functional Groups on the Fluorescent and Electrochemiluminescent Properties of Carbon-Based Dots. *Chemistry - A European Journal*, **2018**, 24, 4250-4254	4.8	14
49	A Palladium-Doped Graphitic Carbon Nitride Nanosheet with High Peroxidase-Like Activity: Preparation, Characterization, and Application in Glucose Detection. *Particle and Particle Systems Characterization*, **2018**, 35, 1700359	3.1	14
48	Colorimetric assay of copper ions based on the inhibition of peroxidase-like activity of MoS nanosheets. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2017**, 185, 271-275	4.4	13
47	Sequential variation of atmospheric mercury in Tokai-mura, seaside area of eastern central Japan. *Journal of Geophysical Research*, **2007**, 112,		13
46	Colorimetric Sensing of Glyphosate in Environmental Water Based on Peroxidase Mimetic Activity of MoS2 Nanosheets. *Journal of Nanoscience and Nanotechnology*, **2017**, 17, 5730-5734	1.3	12
45	Phosphatidylserine-functionalized FeO@SiO nanoparticles combined with enzyme-encapsulated liposomes for the visual detection of Cu. *Journal of Materials Chemistry B*, **2016**, 4, 752-759	7.3	12
44	Chemical characterization and source identification of polycyclic aromatic hydrocarbons in aerosols originating from different sources. *Journal of the Air and Waste Management Association*, **2010**, 60, 1309-14	2.4	12
43	Determination of protoberberine alkaloids in medicinal plants based on acidic potassium permanganate chemiluminescence system. *Luminescence*, **2010**, 25, 403-8	2.5	12
42	A "turn-on" and label-free fluorescent assay for the rapid detection of exonuclease III activity based on Tb(3+)-induced G-quadruplex conjugates. *Analytical and Bioanalytical Chemistry*, **2014**, 406, 4535-40	4.4	11
41	Liquid chromatography on a monolithic column microfluidic chip coupled with "three-T" sample injection mode and amperometric detection. *Journal of Separation Science*, **2010**, 33, 2568-74	3.4	11
40	DNA-templated fluorescent silver nanoclusters on-off switch for specific and sensitive determination of organic mercury in seafood. *Biosensors and Bioelectronics*, **2021**, 183, 113217	11.8	11
39	Early diagnosis of blast fungus, Magnaporthe oryzae, in rice plant by using an ultra-sensitive electrically magnetic-controllable electrochemical biosensor. *Analytica Chimica Acta*, **2014**, 850, 85-91	6.6	10
38	Simultaneous detection of zinc dimethyldithiocarbamate and zinc ethylenebisdithiocarbamate in cabbage leaves by capillary electrophoresis with inductively coupled plasma mass spectrometry. *Journal of Separation Science*, **2017**, 40, 3898-3904	3.4	10
37	Multicolor visual screening of total dithiocarbamate pesticides in foods based on sulfydryl-mediated growth of gold nanobipyramids. *Analytica Chimica Acta*, **2020**, 1139, 59-67	6.6	10
36	The early diagnosis and fast detection of blast fungus, Magnaporthe grisea, in rice plant by using its chitinase as biochemical marker and a rice cDNA encoding mannose-binding lectin as recognition probe. *Biosensors and Bioelectronics*, **2013**, 41, 820-6	11.8	9
35	Determination of different arsenic species in food-grade spirulina powder by ion chromatography combined with inductively coupled plasma mass spectrometry. *Journal of Separation Science*, **2017**, 40, 3655-3661	3.4	9

34	Carbon based dots capped tin oxide nanosheets hybridizing with silver nanoparticles for ultra-sensitive surface enhanced raman scattering substrate. *Carbon*, **2020**, 170, 270-276	10.4	8
33	A novel phosphatidylserine-functionalized AuNP for the visual detection of free copper ions with high sensitivity and specificity. *Journal of Materials Chemistry B*, **2014**, 2, 7765-7770	7.3	8
32	A universal method for the speciation analysis of arsenic in various seafood based on microwave-assisted extraction and ion chromatography-inductively coupled plasma mass spectrometry. *Microchemical Journal*, **2020**, 159, 105592	4.8	8
31	Ultra-high quantum yield ultraviolet fluorescence of graphitic carbon nitride nanosheets. *Chemical Communications*, **2019**, 55, 15065-15068	5.8	8
30	Carbon-based dots for the electrochemical production of hydrogen peroxide. *Chemical Communications*, **2020**, 56, 7609-7612	5.8	7
29	A novel micro-fluidic biosensor for the rapid and sequence-specific detection of DNA with electrophoretic driving mode and laser-induced fluorescence detector. *Microfluidics and Nanofluidics*, **2013**, 14, 145-152	2.8	7
28	Simultaneous analysis of seven oligopeptides in microbial fuel cell by micro-fluidic chip with reflux injection mode. *Talanta*, **2012**, 100, 338-43	6.2	7
27	Rapid photo-degradation of various organic dyes with thin-layer boron-doped graphitic carbon nitride nano-sheets under visible light irradiation. *Journal of Environmental Chemical Engineering*, **2020**, 8, 103567	6.8	7
26	Fluorescence imaging of Cys in keratinocytes upon UVB exposure using phenyl doped graphitic carbon nitride Nanosheets-Au nanoparticles nanocomposite. *Analytica Chimica Acta*, **2019**, 1091, 127-134	6.6	6
25	Multicolor Aptasensor Based on DNA-Induced Au-Ag Nanorods for Simultaneous and Visual Detection of Inorganic and Organic Mercury. *ACS Omega*, **2019**, 4, 15112-15119	3.9	6
24	Coupling a novel spiro-rhodamine B lactam derivative to Fe3O4 nanoparticles for visual detection of free copper ions with high sensitivity and specificity. *RSC Advances*, **2015**, 5, 45847-45852	3.7	6
23	Green synthesis of red-emission carbon based dots by microbial fermentation. *New Journal of Chemistry*, **2018**, 42, 8591-8595	3.6	6
22	Seasonal characteristics of chemical compositions of the atmospheric aerosols collected in urban seaside area at Tokaimura, eastern central Japan. *Journal of Geophysical Research*, **2004**, 109,		6
21	Species characteristics of lead in sea foods collected from coastal water of Fujian, Southeastern of China. *Scientific Reports*, **2016**, 6, 33294	4.9	6
20	Pyrolysis and thermal-oxidation characterization of organic carbon and black carbon aerosols. *Science of the Total Environment*, **2011**, 409, 4449-55	10.2	5
19	Morphological and light-absorption characteristics of individual BC particles collected in an urban seaside area at Tokaimura, eastern central Japan. *Science of the Total Environment*, **2008**, 393, 273-82	10.2	5
18	Improved grain yield and lowered arsenic accumulation in rice plants by inoculation with arsenite-oxidizing Achromobacter xylosoxidans GD03. *Ecotoxicology and Environmental Safety*, **2020**, 206, 111229	7	5
17	Ratiometric fluorescent biosensor for microRNAs imaging in living cells. *Sensors and Actuators B: Chemical*, **2020**, 322, 128632	8.5	5

16	Tune the Fluorescence and Electrochemiluminescence of Graphitic Carbon Nitride Nanosheets by Controlling the Defect States. *Chemistry - A European Journal*, **2021**, 27, 10925-10931	4.8	5
15	A novel ion imprinted SiO2 microsphere for the specific and rapid extraction and pre-concentration of ultra-trace methyl mercury. *RSC Advances*, **2016**, 6, 40100-40105	3.7	3
14	Hybridizing Carbon-Based Dot-Capped Manganese Dioxide Nanosheets and Gold Nanoparticles as a Highly Sensitive Surface-Enhanced Raman Scattering Substrate. *Analytical Chemistry*, **2021**, 93, 9744-9751	7.8	3
13	An Ir(III) complex capable of discriminating homocysteine from cysteine and glutathione with luminescent signal and imaging studies. *Talanta*, **2021**, 221, 121428	6.2	3
12	Novel ultrabright luminescent copper nanoclusters and application in light-emitting devices. *Chemical Communications*, **2021**, 57, 9890-9893	5.8	3
11	In vitro bio-accessibility and distribution characteristic of each arsenic species in different fishes and shellfishes/shrimps collected from Fujian of China. *Journal of Hazardous Materials*, **2021**, 420, 126660	12.8	3
10	DNA binding in combination with capillary electrophoresis and inductively coupled plasma mass spectrometry for the rapid speciation analysis of mercury. *Separation Science Plus*, **2018**, 1, 52-58	1.1	2
9	Visual detection of aflatoxin B1 based on specific aptamer recognition combining with triple amplification strategy.. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2022**, 271, 120862	4.4	2
8	Carbon-based dot nanoclusters with enhanced roles of defect states in the fluorescence and singlet oxygen generation. *New Journal of Chemistry*, **2020**, 44, 16461-16467	3.6	2
7	An Activatable Hybrid Organic-Inorganic Nanocomposite as Early Evaluation System of Therapy Effect. *Angewandte Chemie - International Edition*, **2021**,	16.4	2
6	Difference between low-volume and high-volume Andersen samplers in measuring atmospheric aerosols. *Particuology*, **2008**, 6, 218-222	2.8	1
5	Soluble arsenic species in total suspended particles and their health risk and origin implication: A case study in Taiyuan, China. *Science of the Total Environment*, **2022**, 807, 150791	10.2	1
4	Tuning the aggregation of silver nanoparticles with carbon dots for the surface-enhanced Raman scattering application. *Carbon*, **2021**, 185, 442-448	10.4	1
3	Highly fluorescent carbon nitride oligomer with aggregation-induced emission characteristic for plastic staining.. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2022**, 276, 121238	4.4	1
2	Amino group-driven distinguishing homocysteine from cysteine and glutathione in photoluminesecent signal of the iridium(III) complexes. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 263, 120167	4.4	0
1	Metabolic and residual characteristic of different arsenic species contained in laver during mouse digestion. *Science of the Total Environment*, **2021**, 793, 148434	10.2	