# FengFu Fu

## List of Publications by Year in Descending Order



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

| # | Paper | IF | Citations |
|---|---|---|---|
| 141 | 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 |
| 140 | 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 |
| 139 | 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 |
| 138 | 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 |
| 137 | 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 |
| 136 | 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 |
| 135 | Stimuli-Responsive Plasmonic Assemblies and Their Biomedical Applications. *Nano Today*, **2021**, 36, 101014-101014 | 17.9 | 21 |
| 134 | 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 |
| 133 | Novel ultrabright luminescent copper nanoclusters and application in light-emitting devices. *Chemical Communications*, **2021**, 57, 9890-9893 | 5.8 | 3 |
| 132 | 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 |
| 131 | Metabolic and residual characteristic of different arsenic species contained in laver during mouse digestion. *Science of the Total Environment*, **2021**, 793, 148434 | 10.2 | |
| 130 | Tuning the aggregation of silver nanoparticles with carbon dots for the surface-enhanced Raman scattering application. *Carbon*, **2021**, 185, 442-448 | 10.4 | 1 |
| 129 | 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 |
| 128 | An Activatable Hybrid Organic-Inorganic Nanocomposite as Early Evaluation System of Therapy Effect. *Angewandte Chemie - International Edition*, **2021**, | 16.4 | 2 |
| 127 | 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 |
| 126 | Carbon-based dots for the electrochemical production of hydrogen peroxide. *Chemical Communications*, **2020**, 56, 7609-7612 | 5.8 | 7 |
| 125 | Magnetic targeted near-infrared II PA/MR imaging guided photothermal therapy to trigger cancer immunotherapy. *Theranostics*, **2020**, 10, 4997-5010 | 12.1 | 34 |

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| 124 | 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 |
| 123 | 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 |
| 122 | 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 |
| 121 | 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 |
| 120 | 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 |
| 119 | Ratiometric fluorescent biosensor for microRNAs imaging in living cells. *Sensors and Actuators B: Chemical*, **2020**, 322, 128632 | 8.5 | 5 |
| 118 | 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 |
| 117 | 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 |
| 116 | Effect of selenium in soil on the toxicity and uptake of arsenic in rice plant. *Chemosphere*, **2020**, 239, 124712 | 8.4 | 28 |
| 115 | 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 |
| 114 | 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 |
| 113 | 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 |
| 112 | Colorimetric determination of xanthine in urine based on peroxidase-like activity of WO nanosheets. *Talanta*, **2019**, 204, 278-284 | 6.2 | 33 |
| 111 | Arsenic Speciation on Silver Nanofilms by Surface-Enhanced Raman Spectroscopy. *Analytical Chemistry*, **2019**, 91, 8280-8288 | 7.8 | 22 |
| 110 | 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 |
| 109 | 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 |
| 108 | In vitro isolation of class-specific oligonucleotide-based small-molecule receptors. *Nucleic Acids Research*, **2019**, 47, e71 | 20.1 | 31 |
| 107 | Ultra-high quantum yield ultraviolet fluorescence of graphitic carbon nitride nanosheets. *Chemical Communications*, **2019**, 55, 15065-15068 | 5.8 | 8 |

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| 106 | 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 |
| 105 | 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 |
| 104 | Barbituric acid-modified graphitic carbon nitride nanosheets for ratiometric fluorescent detection of Cu. *Analyst, The*, **2018**, 143, 1609-1614 | 5 | 14 |
| 103 | Green synthesis of red-emission carbon based dots by microbial fermentation. *New Journal of Chemistry*, **2018**, 42, 8591-8595 | 3.6 | 6 |
| 102 | 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 |
| 101 | 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 |
| 100 | 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 |
| 99 | 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 |
| 98 | Colorimetric detection of residual hydrogen peroxide in soaked food based on Au@Ag nanorods. *Analytical Methods*, **2018**, 10, 504-507 | 3.2 | 21 |
| 97 | Introducing structure-switching functionality into small-molecule-binding aptamers via nuclease-directed truncation. *Nucleic Acids Research*, **2018**, 46, e81 | 20.1 | 32 |
| 96 | 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 |
| 95 | 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 |
| 94 | 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 |
| 93 | 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 |
| 92 | Colorimetric determination of glutathione by using a nanohybrid composed of manganese dioxide and carbon dots. *Mikrochimica Acta*, **2018**, 185, 291 | 5.8 | 33 |
| 91 | 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 |
| 90 | 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 |
| 89 | 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 |

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| 88 | 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 |
| 87 | 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 |
| 86 | A sensitive colorimetric assay for cholesterol based on the peroxidase-like activity of MoS2 nanosheets. *Mikrochimica Acta*, **2017**, 184, 1233-1237 | 5.8 | 56 |
| 85 | 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 |
| 84 | 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 |
| 83 | 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 |
| 82 | Phenyl-doped graphitic carbon nitride: photoluminescence mechanism and latent fingerprint imaging. *Nanoscale*, **2017**, 9, 17737-17742 | 7.7 | 54 |
| 81 | 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 |
| 80 | 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 |
| 79 | 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 |
| 78 | 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 |
| 77 | 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 |
| 76 | Visual Monitoring of Food Spoilage Based on Hydrolysis-Induced Silver Metallization of Au Nanorods. *Analytical Chemistry*, **2016**, 88, 11022-11027 | 7.8 | 65 |
| 75 | 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 |
| 74 | 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 |
| 73 | 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 |
| 72 | 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 |
| 71 | 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 |

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| 70 | Invisible Security Ink Based on Water-Soluble Graphitic Carbon Nitride Quantum Dots. *Angewandte Chemie - International Edition*, **2016**, 55, 2773-7 | 16.4 | 251 |
| 69 | 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 |
| 68 | Invisible Security Ink Based on Water-Soluble Graphitic Carbon Nitride Quantum Dots. *Angewandte Chemie*, **2016**, 128, 2823-2827 | 3.6 | 53 |
| 67 | Species characteristics of lead in sea foods collected from coastal water of Fujian, Southeastern of China. *Scientific Reports*, **2016**, 6, 33294 | 4.9 | 6 |
| 66 | 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 |
| 65 | 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 |
| 64 | 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 |
| 63 | 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 |
| 62 | Three-dimensional Fe3O4-graphene macroscopic composites for arsenic and arsenate removal. *Journal of Hazardous Materials*, **2015**, 298, 28-35 | 12.8 | 133 |
| 61 | 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 |
| 60 | Fe3O4@MoS2 Core–Shell Composites: Preparation, Characterization, and Catalytic Application. *Journal of Physical Chemistry C*, **2015**, 119, 13658-13664 | 3.8 | 123 |
| 59 | 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 |
| 58 | 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 |
| 57 | 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 |
| 56 | 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 |
| 55 | Seeing diabetes: visual detection of glucose based on the intrinsic peroxidase-like activity of MoS2 nanosheets. *Nanoscale*, **2014**, 6, 11856-62 | 7.7 | 276 |
| 54 | 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 |
| 53 | Visual detection of blood glucose based on peroxidase-like activity of WS2 nanosheets. *Biosensors and Bioelectronics*, **2014**, 62, 302-7 | 11.8 | 172 |

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| 52 | 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 |
| 51 | Graphene quantum dots, graphene oxide, carbon quantum dots and graphite nanocrystals in coals. *Nanoscale*, **2014**, 6, 7410-5 | 7.7 | 170 |
| 50 | 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 |
| 49 | Amplified colorimetric detection of mercuric ions through autonomous assembly of G-quadruplex DNAzyme nanowires. *Biosensors and Bioelectronics*, **2014**, 52, 261-4 | 11.8 | 73 |
| 48 | Graphite-like carbon nitrides as peroxidase mimetics and their applications to glucose detection. *Biosensors and Bioelectronics*, **2014**, 59, 89-93 | 11.8 | 146 |
| 47 | 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 |
| 46 | 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 |
| 45 | Magnetic beads based colorimetric detection of mercuric ion. *Sensors and Actuators B: Chemical*, **2014**, 191, 600-604 | 8.5 | 16 |
| 44 | 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 |
| 43 | 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 |
| 42 | 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 |
| 41 | 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 |
| 40 | 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 |
| 39 | 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 |
| 38 | 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 |
| 37 | A G-quadruplex based label-free fluorescent biosensor for lead ion. *Biosensors and Bioelectronics*, **2012**, 35, 123-127 | 11.8 | 102 |
| 36 | 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 |
| 35 | 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 |

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| 34 | 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 |
| 33 | 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 |
| 32 | A sensitive and selective DNAzyme-based flow cytometric method for detecting Pb2+ ions. *Chemical Communications*, **2012**, 48, 1150-2 | 5.8 | 51 |
| 31 | Speciation analysis of selenium in rice samples by using capillary electrophoresis-inductively coupled plasma mass spectrometry. *Talanta*, **2011**, 84, 983-8 | 6.2 | 61 |
| 30 | Pyrolysis and thermal-oxidation characterization of organic carbon and black carbon aerosols. *Science of the Total Environment*, **2011**, 409, 4449-55 | 10.2 | 5 |
| 29 | Capillary electrophoresis with electrochemiluminescence detection: fundamental theory, apparatus, and applications. *Analytical and Bioanalytical Chemistry*, **2011**, 399, 3323-43 | 4.4 | 29 |
| 28 | 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 |
| 27 | Separation and determination of □casomorphins by using glass microfluidic chip electrophoresis together with laser-induced fluorescence detection. *Journal of Separation Science*, **2011**, 34, 196-201 | 3.4 | 18 |
| 26 | Sensitive turn-on fluorescent detection of melamine based on fluorescence resonance energy transfer. *Analyst, The*, **2011**, 136, 1659-63 | 5 | 60 |
| 25 | An ultrasensitive electrochemical sensor for the mercuric ion via controlled assembly of SWCNTs. *Chemical Communications*, **2011**, 47, 10665-7 | 5.8 | 33 |
| 24 | 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 |
| 23 | 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 |
| 22 | 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 |
| 21 | Visual detection of melamine in milk products by label-free gold nanoparticles. *Talanta*, **2010**, 82, 1654-8 | 6.2 | 98 |
| 20 | 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 |
| 19 | Electrochemical genotyping and detection of single-nucleotide polymorphisms based on junction-probe containing 2Rdeoxyinosine. *Chemical Communications*, **2010**, 46, 6986-8 | 5.8 | 29 |
| 18 | An ultrahighly sensitive and selective electrochemical DNA sensor via nicking endonuclease assisted current change amplification. *Chemical Communications*, **2010**, 46, 5939-41 | 5.8 | 56 |
| 17 | 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 |

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| 16 | Determination of protoberberine alkaloids in medicinal plants based on acidic potassium permanganate chemiluminescence system. *Luminescence*, **2010**, 25, 403-8 | 2.5 | 12 |
| 15 | 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 |
| 14 | An ultrasensitive signal-on electrochemical aptasensor via target-induced conjunction of split aptamer fragments. *Biosensors and Bioelectronics*, **2010**, 25, 996-1000 | 11.8 | 71 |
| 13 | 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 |
| 12 | 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 |
| 11 | 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 |
| 10 | 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 |
| 9 | 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 |
| 8 | 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 |
| 7 | 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 |
| 6 | Difference between low-volume and high-volume Andersen samplers in measuring atmospheric aerosols. *Particuology*, **2008**, 6, 218-222 | 2.8 | 1 |
| 5 | Sequential variation of atmospheric mercury in Tokai-mura, seaside area of eastern central Japan. *Journal of Geophysical Research*, **2007**, 112, | | 13 |
| 4 | Development of a new method for analysis of Sudan dyes by pressurized CEC with amperometric detection. *Electrophoresis*, **2007**, 28, 1696-703 | 3.6 | 29 |
| 3 | 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 |
| 2 | Origin of Silica Particles Found in the Cortex of Matteuccia Roots. *Soil Science Society of America Journal*, **2002**, 66, 1265-1271 | 2.5 | 20 |
| 1 | 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 |