

Lingxin Chen

List of Publications by Year in descending order

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454
papers

36,749
citations

1893

102
h-index

4991

167
g-index

465
all docs

465
docs citations

465
times ranked

29266
citing authors

#	ARTICLE	IF	CITATIONS
1	Tire wear particles: An emerging threat to soil health. <i>Critical Reviews in Environmental Science and Technology</i> , 2023, 53, 239-257.	12.8	37
2	Insight into sulfur dioxide and its derivatives metabolism in living system with visualized evidences via ultra-sensitive fluorescent probe. <i>Journal of Hazardous Materials</i> , 2022, 423, 127179.	12.4	31
3	Selective detection of enrofloxacin in biological and environmental samples using a molecularly imprinted electrochemiluminescence sensor based on functionalized copper nanoclusters. <i>Talanta</i> , 2022, 236, 122835.	5.5	38
4	Tracking of realistic nanoplastics in complicated matrices by iridium element labeling and inductively coupled plasma mass spectroscopy. <i>Journal of Hazardous Materials</i> , 2022, 424, 127628.	12.4	10
5	SERS-PCR assays of SARS-CoV-2 target genes using Au nanoparticles-internalized Au nanodimple substrates. <i>Biosensors and Bioelectronics</i> , 2022, 197, 113736.	10.1	32
6	A self-powered rotating paper-based analytical device for sensing of thrombin. <i>Sensors and Actuators B: Chemical</i> , 2022, 351, 130917.	7.8	19
7	Evaluate the bisphenol A-induced redox state in cells, zebrafish and in vivo with a hydrogen peroxide turn-on fluorescent probe. <i>Journal of Hazardous Materials</i> , 2022, 424, 127425.	12.4	18
8	Magnetic covalent-organic frameworks for the simultaneous extraction of eleven emerging aromatic disinfection byproducts in water samples coupled with UHPLC-MS/MS determination. <i>Journal of Hazardous Materials</i> , 2022, 424, 127687.	12.4	36
9	A small molecule fluorescent probe for mercury ion analysis in broad low pH range: Spectral, optical mechanism and application studies. <i>Journal of Hazardous Materials</i> , 2022, 424, 127701.	12.4	27
10	An aggregation-induced emission fluorescence probe for evaluating the effect of CYP450 changes under tumor chemotherapy. <i>Talanta</i> , 2022, 239, 123111.	5.5	4
11	Chromatographic performance of zidovudine imprinted polymers coated silica stationary phases. <i>Talanta</i> , 2022, 239, 123115.	5.5	11
12	Surface-enhanced Raman scattering labeled nanoplastic models for reliable bio-nano interaction investigations. <i>Journal of Hazardous Materials</i> , 2022, 425, 127959.	12.4	29
13	Seasonal and spatial variations in nutrients under the influence of natural and anthropogenic factors in coastal waters of the northern Yellow Sea, China. <i>Marine Pollution Bulletin</i> , 2022, 175, 113171.	5.0	13
14	Extractable additives in microplastics: A hidden threat to soil fauna. <i>Environmental Pollution</i> , 2022, 294, 118647.	7.5	25
15	A rotary multi-positioned cloth/paper hybrid microfluidic device for simultaneous fluorescence sensing of mercury and lead ions by using ion imprinted technologies. <i>Journal of Hazardous Materials</i> , 2022, 428, 128165.	12.4	40
16	Molecularly imprinted polymers based materials and their applications in chromatographic and electrophoretic separations. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 146, 116504.	11.4	69
17	Dual-Emissive Near-Infrared Carbon Dot-Based Ratiometric Fluorescence Sensor for Lysozyme. <i>ACS Applied Nano Materials</i> , 2022, 5, 1656-1663.	5.0	29
18	Exposure to microplastics reduces the bioaccumulation of sulfamethoxazole but enhances its effects on gut microbiota and the antibiotic resistome of mice. <i>Chemosphere</i> , 2022, 294, 133810.	8.2	22

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19	Determination of anionic perfluorinated compounds in water samples using cationic fluorinated metal organic framework membrane coupled with UHPLC-MS/MS. <i>Journal of Hazardous Materials</i> , 2022, 429, 128333.	12.4	23
20	A ZnFe ₂ O ₄ -catalyzed segment imprinted polymer on a three-dimensional origami paper-based microfluidic chip for the detection of microcystin. <i>Analyst</i> , 2022, 147, 1060-1065.	3.5	11
21	Investigation of interaction between MXene nanosheets and human plasma and protein corona composition. <i>Nanoscale</i> , 2022, 14, 3777-3787.	5.6	15
22	Simultaneous Determination of Sulfonamides Antibiotics in Environmental Water and Seafood Samples Using Ultrasonic-Assisted Dispersive Liquid-Liquid Microextraction Coupled with High Performance Liquid Chromatography. <i>Molecules</i> , 2022, 27, 2160.	3.8	17
23	The distinct toxicity effects between commercial and realistic polystyrene microplastics on microbiome and histopathology of gut in zebrafish. <i>Journal of Hazardous Materials</i> , 2022, 434, 128874.	12.4	26
24	Polystyrene nanoplastics demonstrate high structural stability in vivo: A comparative study with silica nanoparticles via SERS tag labeling. <i>Chemosphere</i> , 2022, 300, 134567.	8.2	13
25	Cholecalciferol pretreatment ameliorates ischemia/reperfusion-induced acute kidney injury through inhibiting ROS production, NF- κ B pathway and pyroptosis. <i>Acta Histochemica</i> , 2022, 124, 151875.	1.8	9
26	Fluorescent probes for biomolecule detection under environmental stress. <i>Journal of Hazardous Materials</i> , 2022, 431, 128527.	12.4	40
27	A tetrahedral DNA nanostructure functionalized paper-based platform for ultrasensitive colorimetric mercury detection. <i>Sensors and Actuators B: Chemical</i> , 2022, 362, 131830.	7.8	20
28	Quantitative assessment of <i>in vivo</i> distribution of nanoplastics in bivalve <i>Ruditapes philippinarum</i> using reliable SERS tag-labeled nanoplastic models. <i>Nanoscale</i> , 2022, 14, 7807-7816.	5.6	19
29	Technical Challenges of Molecular-Imprinting-Based Optical Sensors for Environmental Pollutants. <i>Langmuir</i> , 2022, 38, 5963-5967.	3.5	81
30	A near-infrared fluorescent probe was used to evaluate the role of histone deacetylase in pulmonary fibrosis cells and mice. <i>Sensors and Actuators B: Chemical</i> , 2022, 366, 132012.	7.8	1
31	Fluorescence imaging to probe mercury induced oxidative stress in living systems. <i>Sensors and Actuators B: Chemical</i> , 2022, 366, 131982.	7.8	10
32	A novel polymer-based nitrocellulose platform for implementing a multiplexed microfluidic paper-based enzyme-linked immunosorbent assay. <i>Microsystems and Nanoengineering</i> , 2022, 8, .	7.0	23
33	Greenificated Molecularly Imprinted Materials for Advanced Applications. <i>Advanced Materials</i> , 2022, 34, .	21.0	140
34	Synthesis of C8F13-SiO ₂ stationary phase for chromatographic separation of highly polar compounds. <i>Microchemical Journal</i> , 2022, 181, 107670.	4.5	2
35	Fluorescent probe for mercury ion imaging analysis: Strategies and applications. <i>Chemical Engineering Journal</i> , 2021, 406, 127166.	12.7	117
36	BCL2L13: physiological and pathological meanings. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 2419-2428.	5.4	22

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37	Label-free SERS detection of Raman-Inactive protein biomarkers by Raman reporter indicator: Toward ultrasensitivity and universality. <i>Biosensors and Bioelectronics</i> , 2021, 174, 112825.	10.1	181
38	Mucin corona delays intracellular trafficking and alleviates cytotoxicity of nanoplastic-benzopyrene combined contaminant. <i>Journal of Hazardous Materials</i> , 2021, 406, 124306.	12.4	41
39	Revisiting the cellular toxicity of benzo[<i>a</i>]pyrene from the view of nanoclusters: size- and nanoplastic adsorption-dependent bioavailability. <i>Nanoscale</i> , 2021, 13, 1016-1028.	5.6	15
40	Magnetic solid-phase extraction using polydopamine-coated magnetic multiwalled carbon nanotube composites coupled with high performance liquid chromatography for the determination of chlorophenols. <i>Analyst</i> , 2021, 146, 6252-6261.	3.5	8
41	A cysteine-selective fluorescent probe for monitoring stress response cysteine fluctuations. <i>Chemical Communications</i> , 2021, 57, 5810-5813.	4.1	24
42	Outstanding Reviewers for <i>Analyst</i> in 2020. <i>Analyst</i> , 2021, 146, 4110-4110.	3.5	0
43	Evaluation of cyclooxygenase-2 fluctuation via a near-infrared fluorescent probe in idiopathic pulmonary fibrosis cell and mice models. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6226-6233.	5.8	8
44	Research and Application Progress of Intelligent Wearable Devices. <i>Chinese Journal of Analytical Chemistry</i> , 2021, 49, 159-171.	1.7	21
45	Nonoxidative Strategy for Monitoring Peroxynitrite Fluctuations in Immune Responses of Tumorigenesis. <i>Analytical Chemistry</i> , 2021, 93, 3426-3435.	6.5	27
46	Smart Fluorescent Probe Strategy for Precision Targeting Hypoxic Tumor. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 2967-2970.	6.4	18
47	A smartphone-based absorbance device extended to ultraviolet (365Ånm) and near infrared (780Ånm) regions using ratiometric fluorescence measurement. <i>Microchemical Journal</i> , 2021, 164, 105978.	4.5	5
48	Label-free exonuclease I-assisted signal amplification colorimetric sensor for highly sensitive detection of kanamycin. <i>Food Chemistry</i> , 2021, 347, 128988.	8.2	25
49	A Fluorescence Assay for Exosome Detection Based on Bivalent Cholesterol Anchor Triggered Target Conversion and Enzyme-Free Signal Amplification. <i>Analytical Chemistry</i> , 2021, 93, 8493-8500.	6.5	53
50	Biotransformation mechanism of <i>Vibrio diabolicus</i> to sulfamethoxazole at transcriptional level. <i>Journal of Hazardous Materials</i> , 2021, 411, 125023.	12.4	14
51	Molecular Imprinting: Green Perspectives and Strategies. <i>Advanced Materials</i> , 2021, 33, e2100543.	21.0	359
52	Reproducible and Sensitive Plasmonic Sensing Platforms Based on Au Nanoparticle-Internalized Nanodimpled Substrates. <i>Advanced Functional Materials</i> , 2021, 31, 2105703.	14.9	31
53	Near-Infrared Fluorescent Probe for Imaging and Evaluating the Role of Vanin-1 in Chemotherapy. <i>Analytical Chemistry</i> , 2021, 93, 10378-10387.	6.5	8
54	On-Off On Fluorescent Chemosensors Based on N/P-Codoped Carbon Dots for Detection of Microcystin-LR. <i>ACS Applied Nano Materials</i> , 2021, 4, 6852-6860.	5.0	37

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55	Recent Advances in Molecular-Imprinting-Based Solid-Phase Extraction of Antibiotics Residues Coupled With Chromatographic Analysis. <i>Frontiers in Environmental Chemistry</i> , 2021, 2, .	1.6	17
56	Constitutive BAK/MCL1 complexes predict paclitaxel and S63845 sensitivity of ovarian cancer. <i>Cell Death and Disease</i> , 2021, 12, 789.	6.3	4
57	Exposure to heavy metal and antibiotic enriches antibiotic resistant genes on the tire particles in soil. <i>Science of the Total Environment</i> , 2021, 792, 148417.	8.0	21
58	Visualizing and evaluating mitochondrial cysteine via near-infrared fluorescence imaging in cells, tissues and in vivo under hypoxia/reperfusion stress. <i>Journal of Hazardous Materials</i> , 2021, 419, 126476.	12.4	20
59	Synthesis and evaluation of fosfomycin group end-capped packing materials for hydrophilic interaction liquid chromatography. <i>Journal of Chromatography A</i> , 2021, 1656, 462529.	3.7	2
60	SERS-based test strips: Principles, designs and applications. <i>Biosensors and Bioelectronics</i> , 2021, 189, 113360.	10.1	100
61	Microfluidic paper-based chips in rapid detection: Current status, challenges, and perspectives. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 143, 116371.	11.4	90
62	Evaluate the inhibition of cytochrome P450 1A1 for enhancing breast cancer chemotherapy with a turn-on fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130233.	7.8	10
63	Near-infrared fluorescent probe for evaluating the acetylcholinesterase effect in the aging process and dietary restriction via fluorescence imaging. <i>Journal of Materials Chemistry B</i> , 2021, 9, 2623-2630.	5.8	14
64	Field analysis of Cr(VI) in water samples by using a smartphone-based ultralong absorption path reflection colorimetric device. <i>New Journal of Chemistry</i> , 2021, 45, 2529-2535.	2.8	7
65	Three dimensionally printed nitrocellulose-based microfluidic platform for investigating the effect of oxygen gradient on cells. <i>Analyst, The</i> , 2021, 146, 5255-5263.	3.5	8
66	Strategies of dispersive liquid-liquid microextraction for coastal zone environmental pollutant determination. <i>Journal of Chromatography A</i> , 2021, 1658, 462615.	3.7	17
67	Reproducible and Sensitive Plasmonic Sensing Platforms Based on Au Nanoparticle-Internalized Nanodimpled Substrates (<i>Adv. Funct. Mater.</i> 49/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170366.	14.9	2
68	Near-Infrared Light-Responsive SERS Tags Enable Positioning and Monitoring of the Drug Release of Photothermal Nanomedicines In Vivo. <i>Analytical Chemistry</i> , 2021, 93, 16590-16597.	6.5	11
69	Ratiometric fluorescence and colorimetry dual-mode assay based on manganese dioxide nanosheets for visual detection of alkaline phosphatase activity. <i>Sensors and Actuators B: Chemical</i> , 2020, 302, 127176.	7.8	89
70	Low cost fabrication of microfluidic paper-based analytical devices with water-based polyurethane acrylate and their application for bacterial detection. <i>Sensors and Actuators B: Chemical</i> , 2020, 303, 127213.	7.8	76
71	Facile synthesis of zirconia-coated mesoporous silica particles by hydrothermal strategy under low potential of hydrogen conditions and functionalization with dodecylphosphonic acid for high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2020, 1612, 460659.	3.7	10
72	A twin enrichment method based on dispersive liquid-liquid microextraction and field-amplified sample injection for the simultaneous determination of sulfonamides. <i>Analyst, The</i> , 2020, 145, 1825-1832.	3.5	16

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73	A high-selectivity fluorescent probe for hypoxia imaging in cells and a tumor-bearing mouse model. <i>Analyst, The</i> , 2020, 145, 1389-1395.	3.5	23
74	Fluorescent nanosensor designing via hybrid of carbon dots and post-imprinted polymers for the detection of ovalbumin. <i>Talanta</i> , 2020, 211, 120727.	5.5	53
75	A copper nanocluster incorporated nanogel: Confinement-assisted emission enhancement for zinc ion detection in living cells. <i>Sensors and Actuators B: Chemical</i> , 2020, 307, 127626.	7.8	33
76	Glutathione Peroxidase-Activatable Two-Photon Ratiometric Fluorescent Probe for Redox Mechanism Research in Aging and Mercury Exposure Mice Models. <i>Analytical Chemistry</i> , 2020, 92, 1997-2004.	6.5	34
77	Gold Nanorod Array-Bridged Internal-Standard SERS Tags: From Ultrasensitivity to Multifunctionality. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2059-2066.	8.0	54
78	ZnSe quantum dot based ion imprinting technology for fluorescence detecting cadmium and lead ions on a three-dimensional rotary paper-based microfluidic chip. <i>Sensors and Actuators B: Chemical</i> , 2020, 305, 127462.	7.8	102
79	A national-scale characterization of organochlorine pesticides (OCPs) in intertidal sediment of China: Occurrence, fate and influential factors. <i>Environmental Pollution</i> , 2020, 257, 113634.	7.5	32
80	A ratiometric fluorescent probe for detecting the endogenous biological signaling molecule superoxide anion and bioimaging during tumor treatment. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1017-1025.	5.8	15
81	In-situ kinetic and thermodynamic study of 2,4-dichlorophenoxyacetic acid adsorption on molecularly imprinted polymer based solid-phase microextraction coatings. <i>Sensors and Actuators A: Physical</i> , 2020, 313, 112190.	4.1	25
82	Silica-Coated, Waxberry-like Surface-Enhanced Raman Resonant Scattering Tag-Pair with Near-Infrared Raman Dye Encoding: Toward <i>In Vivo</i> Duplexing Detection. <i>Analytical Chemistry</i> , 2020, 92, 14814-14821.	6.5	13
83	Boronate affinity material-based sensors for recognition and detection of glycoproteins. <i>Analyst, The</i> , 2020, 145, 7511-7527.	3.5	26
84	Realistic polyethylene terephthalate nanoplastics and the size- and surface coating-dependent toxicological impacts on zebrafish embryos. <i>Environmental Science: Nano</i> , 2020, 7, 2313-2324.	4.3	48
85	A near-infrared fluorescent probe for evaluating glutamyl transpeptidase fluctuation in idiopathic pulmonary fibrosis cell and mice models. <i>Sensors and Actuators B: Chemical</i> , 2020, 322, 128565.	7.8	17
86	Enhancing anti-interference ability of molecularly imprinted ratiometric fluorescence sensor via differential strategy demonstrated by the detection of bovine hemoglobin. <i>Sensors and Actuators B: Chemical</i> , 2020, 322, 128581.	7.8	17
87	SERS-active Au@Ag core-shell nanorod (Au@AgNR) tags for ultrasensitive bacteria detection and antibiotic-susceptibility testing. <i>Talanta</i> , 2020, 220, 121397.	5.5	68
88	Preparation of magnetic metal-organic frameworks with high binding capacity for removal of two fungicides from aqueous environments. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 90, 178-189.	5.8	53
89	SERS imaging-based aptasensor for ultrasensitive and reproducible detection of influenza virus A. <i>Biosensors and Bioelectronics</i> , 2020, 167, 112496.	10.1	117
90	A SERS-based competitive immunoassay for highly sensitive and specific detection of ochratoxin A. <i>Analyst, The</i> , 2020, 145, 6079-6084.	3.5	28

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91	A chemical covalent tactic for bio-thiol sensing and protein labeling agent design. <i>Chemical Communications</i> , 2020, 56, 11485-11488.	4.1	10
92	A reaction-based ratiometric fluorescent probe for mercury ion detection in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 243, 118817.	3.9	17
93	Detection of hypochlorous acid fluctuation <i>via</i> a selective fluorescent probe in acute lung injury cells and mouse models. <i>Journal of Materials Chemistry B</i> , 2020, 8, 9899-9905.	5.8	23
94	Monitoring of reaction kinetics and determination of trace water in hydrophobic organic solvents by a smartphone-based ratiometric fluorescence device. <i>Mikrochimica Acta</i> , 2020, 187, 564.	5.0	9
95	Multi-Walled Carbon Nanotubes for Magnetic Solid-Phase Extraction of Six Heterocyclic Pesticides in Environmental Water Samples Followed by HPLC-DAD Determination. <i>Materials</i> , 2020, 13, 5729.	2.9	20
96	A near-infrared fluorescent probe for observing thionitrous acid-mediated hydrogen polysulfides formation and fluctuation in cells and in vivo under hypoxia stress. <i>Journal of Hazardous Materials</i> , 2020, 396, 122673.	12.4	25
97	Construction of nanocage-structured heterogeneous binary metal sulfides <i>via</i> step-by-step confined growth for boosted lithium storage properties. <i>Chemical Communications</i> , 2020, 56, 6798-6801.	4.1	21
98	Enhancement anti-interference ability of photoelectrochemical sensor via differential molecularly imprinting technique demonstrated by dopamine determination. <i>Analytica Chimica Acta</i> , 2020, 1125, 201-209.	5.4	17
99	Isolation and characterization of a marine bacterium <i>Vibrio diabolicus</i> strain L2-2 capable of biotransforming sulfonamides. <i>Environmental Research</i> , 2020, 188, 109718.	7.5	13
100	Fluorescent chemosensor for Al(III) based on chelation-induced fluorescence enhancement and its application in live cells imaging. <i>Inorganica Chimica Acta</i> , 2020, 511, 119805.	2.4	23
101	Multi-emitting fluorescence sensor of MnO ₂ @OPD@QD for the multiplex and visual detection of ascorbic acid and alkaline phosphatase. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5554-5561.	5.5	62
102	Simultaneous enrichment/determination of six sulfonamides in animal husbandry products and environmental waters by pressure-assisted electrokinetic injection coupled with capillary zone electrophoresis. <i>Journal of Food Composition and Analysis</i> , 2020, 88, 103462.	3.9	22
103	Facile approach to the synthesis of molecularly imprinted ratiometric fluorescence nanosensor for the visual detection of folic acid. <i>Food Chemistry</i> , 2020, 319, 126575.	8.2	59
104	Rational construction of a triple emission molecular imprinting sensor for accurate naked-eye detection of folic acid. <i>Nanoscale</i> , 2020, 12, 6529-6536.	5.6	49
105	Integrated hand-powered centrifugation and paper-based diagnosis with blood-in/answer-out capabilities. <i>Biosensors and Bioelectronics</i> , 2020, 165, 112282.	10.1	44
106	Human impacts on polycyclic aromatic hydrocarbon distribution in Chinese intertidal zones. <i>Nature Sustainability</i> , 2020, 3, 878-884.	23.7	100
107	A Cost-Effective In Situ Zooplankton Monitoring System Based on Novel Illumination Optimization. <i>Sensors</i> , 2020, 20, 3471.	3.8	2
108	Hybrid Three Dimensionally Printed Paper-Based Microfluidic Platform for Investigating a Cell's Apoptosis and Intracellular Cross-Talk. <i>ACS Sensors</i> , 2020, 5, 464-473.	7.8	39

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109	Rational design of a nitroreductase-activatable two-photon fluorescent probe for hypoxia imaging in cell and in vivo. <i>Sensors and Actuators B: Chemical</i> , 2020, 310, 127755.	7.8	23
110	A label-free protamine-assisted colorimetric sensor for highly sensitive detection of S1 nuclease activity. <i>Analyst</i> , The, 2020, 145, 2774-2778.	3.5	7
111	Synthesis of 2D WS ₂ /ReS ₂ Heterophase Structures with Atomically Sharp Interface via Hydrogen-Triggered One-Pot Growth. <i>Advanced Functional Materials</i> , 2020, 30, 1910169.	14.9	42
112	Molecular-Imprinting-Based Surface-Enhanced Raman Scattering Sensors. <i>ACS Sensors</i> , 2020, 5, 601-619.	7.8	139
113	Facile synthesis of a cyclodextrin-metal organic framework decorated with Ketjen Black and platinum nanoparticles and its application in the electrochemical detection of ofloxacin. <i>Analyst</i> , The, 2020, 145, 1943-1949.	3.5	32
114	Performance Evaluation of Surface-Enhanced Raman Scattering-Polymerase Chain Reaction Sensors for Future Use in Sensitive Genetic Assays. <i>Analytical Chemistry</i> , 2020, 92, 2628-2634.	6.5	31
115	Study on the Effect of Capsaicin on the Intestinal Flora through High-Throughput Sequencing. <i>ACS Omega</i> , 2020, 5, 1246-1253.	3.5	29
116	Hydrophilic molecularly imprinted nanospheres for the extraction of rhodamine B followed by HPLC analysis: A green approach and hazardous waste elimination. <i>Talanta</i> , 2020, 215, 120933.	5.5	148
117	Cationic metal-organic framework based mixed-matrix membrane for extraction of phenoxy carboxylic acid (PCA) herbicides from water samples followed by UHPLC-MS/MS determination. <i>Journal of Hazardous Materials</i> , 2020, 394, 122556.	12.4	81
118	Synthesis of europium(III)-doped copper nanoclusters for electrochemiluminescence bioanalysis. <i>Chemical Communications</i> , 2020, 56, 5755-5758.	4.1	18
119	Cationic metal-organic frameworks as an efficient adsorbent for the removal of 2,4-dichlorophenoxyacetic acid from aqueous solutions. <i>Environmental Research</i> , 2020, 186, 109542.	7.5	86
120	Highly sensitive visual detection of nucleic acid based on a universal strand exchange amplification coupled with lateral flow assay strip. <i>Talanta</i> , 2020, 216, 120978.	5.5	19
121	A simple on-line detection system based on fiber-optic sensing for the realtime monitoring of fixed bed adsorption processes of molecularly imprinted polymers. <i>Journal of Chromatography A</i> , 2020, 1622, 461112.	3.7	11
122	Strategies of molecular imprinting-based solid-phase extraction prior to chromatographic analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 128, 115923.	11.4	313
123	Environmentally friendly ratiometric fluorescent microfluidic paper chip for rapid detection of difenoconazole. <i>Scientia Sinica Chimica</i> , 2020, 50, 393-405.	0.4	9
124	On site determination of free chlorine in water samples by a smartphone-based colorimetric device with improved sensitivity and reliability. <i>New Journal of Chemistry</i> , 2019, 43, 14409-14416.	2.8	8
125	Highly sensitive detection of prostate cancer specific PCA3 mimic DNA using SERS-based competitive lateral flow assay. <i>Nanoscale</i> , 2019, 11, 15530-15536.	5.6	76
126	The strategy of antibody-free biomarker analysis by in-situ synthesized molecularly imprinted polymers on movable valve paper-based device. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111533.	10.1	120

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127	Preparation of mixed-matrix membranes from metal organic framework (MIL-53) and poly (vinylidene fluoride) for high performance liquid chromatography. Journal of Colloid and Interface Science, 2019, 553, 834-844.	9.4	51
128	Nanoassembly Growth Model for Subdomain and Grain Boundary Formation in 2D Layered ReS_2 . Advanced Functional Materials, 2019, 29, 1906385.	14.9	45
129	Evaluating the Protective Effects of Mitochondrial Glutathione on Cerebral Ischemia/Reperfusion Injury via Near-Infrared Fluorescence Imaging. Analytical Chemistry, 2019, 91, 14728-14736.	6.5	37
130	A sulfhydryl-based near-infrared ratiometric fluorescent probe for assessment of acute/chronic mercury exposure via associated determination of superoxide anion and mercury ion in cells and in vivo. Sensors and Actuators B: Chemical, 2019, 301, 127038.	7.8	32
131	SERS-based droplet microfluidics for high-throughput gradient analysis. Lab on A Chip, 2019, 19, 674-681.	6.0	65
132	Self-assembly of nanoparticles by human serum albumin and photosensitizer for targeted near-infrared emission fluorescence imaging and effective phototherapy of cancer. Journal of Materials Chemistry B, 2019, 7, 1149-1159.	5.8	40
133	Imaging of anti-inflammatory effects of HNO_2 via a near-infrared fluorescent probe in cells and in rat gouty arthritis model. Journal of Materials Chemistry B, 2019, 7, 305-313.	5.8	36
134	Green multi-functional monomer based ion imprinted polymers for selective removal of copper ions from aqueous solution. Journal of Colloid and Interface Science, 2019, 541, 376-386.	9.4	105
135	Chemical Vapor Deposition Growth of High Crystallinity Sb_2Se_3 Nanowire with Strong Anisotropy for Near-Infrared Photodetectors. Small, 2019, 15, e1805307.	10.0	93
136	A graphene oxide/gold nanoparticle-based amplification method for SERS immunoassay of cardiac troponin I. Analyst, The, 2019, 144, 1582-1589.	3.5	107
137	Dual-template molecularly imprinted polymers for dispersive solid-phase extraction of fluoroquinolones in water samples coupled with high performance liquid chromatography. Analyst, The, 2019, 144, 1292-1302.	3.5	102
138	High Spatiotemporal Resolution Observation of Glutathione Hydropersulfides in Living Cells and Tissue via a Two-Photon Ratiometric Fluorescent Probe. Analytical Chemistry, 2019, 91, 7812-7818.	6.5	26
139	Gold nanorods functionalized by a glutathione response near-infrared fluorescent probe as a promising nanoplatfrom for fluorescence imaging guided precision therapy. Nanoscale, 2019, 11, 12220-12229.	5.6	45
140	Simultaneous voltammetric determination of guanine and adenine using MnO_2 nanosheets and ionic liquid-functionalized graphene combined with a permeation-selective polydopamine membrane. Mikrochimica Acta, 2019, 186, 450.	5.0	51
141	Sequential Detection of Superoxide Anion and Hydrogen Polysulfides under Hypoxic Stress via a Spectral-Response-Separated Fluorescent Probe Functioned with a Nitrobenzene Derivative. Analytical Chemistry, 2019, 91, 7774-7781.	6.5	45
142	Field-Amplified sample injection combined with capillary electrophoresis for the simultaneous determination of five chlorophenols in water samples. Electrophoresis, 2019, 40, 1771-1778.	2.4	17
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146	Detection of hypochlorous acid fluctuation <i>via</i> a selective near-infrared fluorescent probe in living cells and <i>in vivo</i> under hypoxic stress. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2557-2564.	5.8	27
147	A near-infrared fluorescent probe for evaluating endogenous hydrogen peroxide during ischemia/reperfusion injury. <i>Analyst, The</i> , 2019, 144, 2556-2564.	3.5	25
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182	Switchable zipper-like thermoresponsive molecularly imprinted polymers for selective recognition and extraction of estradiol. <i>Talanta</i> , 2018, 176, 187-194.	5.5	39
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196	Dispersive liquidâ€“liquid microextraction of five chlorophenols in water samples followed by determination using capillary electrophoresis. <i>Electrophoresis</i> , 2018, 39, 2431-2438.	2.4	13
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209	Three-dimensional paper-based microfluidic chip device for multiplexed fluorescence detection of Cu ²⁺ and Hg ²⁺ ions based on ion imprinting technology. <i>Sensors and Actuators B: Chemical</i> , 2017, 251, 224-233.	7.8	189
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225	A ratiometric fluorescent probe for imaging and quantifying anti-apoptotic effects of GSH under temperature stress. <i>Chemical Science</i> , 2017, 8, 6991-7002.	7.4	109
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227	Lateral traction of laminar flow between sliding pair with heterogeneous slip/no-slip surface. <i>AIP Advances</i> , 2017, 7, .	1.3	4
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237	A sensitive fluorescent biosensor for the detection of copper ion inspired by biological recognition element pyoverdine. <i>Sensors and Actuators B: Chemical</i> , 2016, 232, 257-263.	7.8	60
238	Molecular imprinting: perspectives and applications. <i>Chemical Society Reviews</i> , 2016, 45, 2137-2211.	38.1	1,788
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241	Phospholipid Encapsulated AuNR@Ag/Au Nanosphere SERS Tags with Environmental Stimulus Responsive Signal Property. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 10201-10211.	8.0	36
242	Synthesis of multi-ion imprinted polymers based on dithizone chelation for simultaneous removal of Hg ²⁺ , Cd ²⁺ , Ni ²⁺ and Cu ²⁺ from aqueous solutions. <i>RSC Advances</i> , 2016, 6, 44087-44095.	3.6	48
243	Molecularly imprinted polymers for dispersive solid-phase extraction of phenolic compounds in aqueous samples coupled with capillary electrophoresis. <i>Electrophoresis</i> , 2016, 37, 2487-2495.	2.4	31
244	A Three-Dimensional Origami Paper-Based Device for Potentiometric Biosensing. <i>Angewandte Chemie</i> , 2016, 128, 13227-13231.	2.0	8
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255	Dispersive liquid-liquid microextraction for four phenolic environmental estrogens in water samples followed by determination using capillary electrophoresis. <i>Electrophoresis</i> , 2016, 37, 2502-2508.	2.4	29
256	Water-compatible temperature and magnetic dual-responsive molecularly imprinted polymers for recognition and extraction of bisphenol A. <i>Journal of Chromatography A</i> , 2016, 1435, 30-38.	3.7	165
257	Naked-eye sensitive ELISA-like assay based on gold-enhanced peroxidase-like immunogold activity. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1015-1022.	3.7	57
258	A molecular imprinting-based turn-on Ratiometric fluorescence sensor for highly selective and sensitive detection of 2,4-dichlorophenoxyacetic acid (2,4-D). <i>Biosensors and Bioelectronics</i> , 2016, 81, 438-444.	10.1	153
259	Preparation of photonic-magnetic responsive molecularly imprinted microspheres and their application to fast and selective extraction of 17 β -estradiol. <i>Journal of Chromatography A</i> , 2016, 1442, 1-11.	3.7	58
260	A highly sensitive colorimetric metalloimmunoassay based on copper-mediated etching of gold nanorods. <i>Analyst, The</i> , 2016, 141, 1918-1921.	3.5	14
261	Near-Infrared Fluorescence Probe for in Situ Detection of Superoxide Anion and Hydrogen Polysulfides in Mitochondrial Oxidative Stress. <i>Analytical Chemistry</i> , 2016, 88, 4122-4129.	6.5	154
262	A SERS-based lateral flow assay biosensor for highly sensitive detection of HIV-1 DNA. <i>Biosensors and Bioelectronics</i> , 2016, 78, 530-537.	10.1	304
263	Molecular imprinting ratiometric fluorescence sensor for highly selective and sensitive detection of phycocyanin. <i>Biosensors and Bioelectronics</i> , 2016, 77, 624-630.	10.1	80
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268	A Near-Infrared Fluorescent Probe for Detection of Nitroxyl in Living Cells. <i>Chinese Journal of Analytical Chemistry</i> , 2015, 43, 1829-1836.	1.7	13
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272	Fenton-like Reaction-Mediated Etching of Gold Nanorods for Visual Detection of Co ²⁺ . <i>Langmuir</i> , 2015, 31, 643-650.	3.5	93
273	One-pot synthesis of magnetic molecularly imprinted microspheres by RAFT precipitation polymerization for the fast and selective removal of 17 β -estradiol. <i>RSC Advances</i> , 2015, 5, 10611-10618.	3.6	71
274	A dual response near-infrared fluorescent probe for hydrogen polysulfides and superoxide anion detection in cells and in vivo. <i>Biomaterials</i> , 2015, 63, 93-101.	11.4	153
275	Graphene quantum dots combined with copper(II) ions as a fluorescent probe for turn-on detection of sulfide ions. <i>Mikrochimica Acta</i> , 2015, 182, 2139-2146.	5.0	55
276	A near-infrared ratiometric fluorescent probe for cysteine detection over glutathione indicating mitochondrial oxidative stress in vivo. <i>Biosensors and Bioelectronics</i> , 2015, 74, 156-164.	10.1	119
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