Shu-Lin Zhao

List of Publications by Year
in descending order

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217	7,726	53660	74018
papers	citations	45 h-index	75 g-index

219	219	219	9484
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interdiffusion Reaction-Assisted Hybridization of Two-Dimensional Metalâ€“Organic Frameworks and Ti₃C₂T_x Nanosheets for Electrocatalytic Oxygen Evolution. ACS Nano, 2017, 11, 5800-5807.	7.3	557
2	Nitrogen and Phosphorus Co-Doped Carbon Nanodots as a Novel Fluorescent Probe for Highly Sensitive Detection of Fe³⁺ in Human Serum and Living Cells. ACS Applied Materials & Interfaces, 2016, 8, 10717-10725.	4.0	294
3	Synthesis of a mixed valence state Ce-MOF as an oxidase mimetic for the colorimetric detection of biothiols. Chemical Communications, 2015, 51, 4635-4638.	2.2	270
4	Unique Approach To Develop Carbon Dot-Based Nanohybrid Near-Infrared Ratiometric Fluorescent Sensor for the Detection of Mercury Ions. Analytical Chemistry, 2017, 89, 8044-8049.	3.2	190
5	Graphene quantum dots as effective probes for label-free fluorescence detection of dopamine. Sensors and Actuators B: Chemical, 2016, 223, 246-251.	4.0	183
6	Defectâ€Rich Ni₃FeN Nanocrystals Anchored on Nâ€Doped Graphene for Enhanced Electrocatalytic Oxygen Evolution. Advanced Functional Materials, 2018, 28, 1706018.	7.8	169
7	Green synthesis of stable and biocompatible fluorescent carbon dots from peanut shells for multicolor living cell imaging. New Journal of Chemistry, 2016, 40, 1698-1703.	1.4	167
8	One-pot green synthesis of oxygen-rich nitrogen-doped graphene quantum dots and their potential application in pH-sensitive photoluminescence and detection of mercury(II) ions. Talanta, 2015, 142, 131-139.	2.9	151
9	Green Preparation of S and N Co-Doped Carbon Dots from Water Chestnut and Onion as Well as Their Use as an Offâ€“On Fluorescent Probe for the Quantification and Imaging of Coenzyme A. ACS Sustainable Chemistry and Engineering, 2017, 5, 4992-5000.	3.2	140
10	Photoluminescence light-up detection of zinc ion and imaging in living cells based on the aggregation induced emission enhancement of glutathione-capped copper nanoclusters. Biosensors and Bioelectronics, 2017, 94, 523-529.	5.3	123
11	A label-free fluorescence assay for hydrogen peroxide and glucose based on the bifunctional MIL-53(Fe) nanozyme. Chemical Communications, 2018, 54, 1762-1765.	2.2	118
12	One-pot synthesis of a metalâ€“organic framework-based drug carrier for intelligent glucose-responsive insulin delivery. Chemical Communications, 2018, 54, 5377-5380.	2.2	112
13	Cobalt Phosphides Nanocrystals Encapsulated by Pâ€Doped Carbon and Married with Pâ€Doped Graphene for Overall Water Splitting. Small, 2019, 15, e1804546.	5.2	110
14	Chemiluminescence Resonance Energy Transfer-Based Detection for Microchip Electrophoresis. Analytical Chemistry, 2010, 82, 2036-2041.	3.2	96
15	Coralloid Co₂P₂O₇ Nanocrystals Encapsulated by Thin Carbon Shells for Enhanced Electrochemical Water Oxidation. ACS Applied Materials & Interfaces, 2016, 8, 22534-22544.	4.0	91
16	Ultrathin palladium nanosheets with selectively controlled surface facets. Chemical Science, 2018, 9, 4451-4455.	3.7	89
17	A ratiometric multicolor fluorescence biosensor for visual detection of alkaline phosphatase activity via a smartphone. Biosensors and Bioelectronics, 2019, 143, 111605.	5.3	89
18	Immobilized Glucose Oxidase on Boronic Acid-Functionalized Hierarchically Porous MOF as an Integrated Nanozyme for One-Step Glucose Detection. ACS Sustainable Chemistry and Engineering, 2020, 8, 4481-4488.	3.2	83

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19	A tumor microenvironmentâ€“induced absorption red-shifted polymer nanoparticle for simultaneously activated photoacoustic imaging and photothermal therapy. Science Advances, 2021, 7, .	4.7	83
20	Sulfur and nitrogen binary doped carbon dots derived from ammonium thiocyanate for selective probing doxycycline in living cells and multicolor cell imaging. Talanta, 2016, 150, 324-330.	2.9	82
21	Determination of uric acid in human urine and serum by capillary electrophoresis with chemiluminescence detection. Analytical Biochemistry, 2008, 378, 127-131.	1.1	80
22	Boric-Acid-Functionalized Covalent Organic Framework for Specific Enrichment and Direct Detection of cis-Diol-Containing Compounds by Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry. Analytical Chemistry, 2019, 91, 6353-6362.	3.2	79
23	Fe3O4@ionic liquid@methyl orange nanoparticles as a novel nano-adsorbent for magnetic solid-phase extraction of polycyclic aromatic hydrocarbons in environmental water samples. Talanta, 2014, 119, 341-347.	2.9	77
24	Integrated Microfluidic System with Chemiluminescence Detection for Single Cell Analysis after Intracellular Labeling. Analytical Chemistry, 2009, 81, 3873-3878.	3.2	76
25	Dual functionalized natural biomass carbon dots from lychee exocarp for cancer cell targetable near-infrared fluorescence imaging and photodynamic therapy. Nanoscale, 2018, 10, 18124-18130.	2.8	76
26	Determination of levodopa by capillary electrophoresis with chemiluminescence detection. Talanta, 2007, 73, 142-146.	2.9	71
27	Facilely prepared Fe₃O₄/nitrogen-doped graphene quantum dot hybrids as a robust nonenzymatic catalyst for visual discrimination of phenylenediamine isomers. Nanoscale, 2016, 8, 10814-10822.	2.8	71
28	Amplified fluorescence polarization aptasensors based on structure-switching-triggered nanoparticles enhancement for bioassays. Chemical Communications, 2012, 48, 7480.	2.2	69
29	Two-dimensional nanostructures of non-layered ternary thiospinels and their bifunctional electrocatalytic properties for oxygen reduction and evolution: the case of CuCo₂S₄nanosheets. Inorganic Chemistry Frontiers, 2016, 3, 1501-1509.	3.0	69
30	Highly sensitive immunoassay of carcinoembryonic antigen by capillary electrophoresis with gold nanoparticles amplified chemiluminescence detection. Journal of Chromatography A, 2013, 1282, 161-166.	1.8	63
31	Hairpin assembly-triggered cyclic activation of a DNA machine for label-free and ultrasensitive chemiluminescence detection of DNA. Biosensors and Bioelectronics, 2015, 68, 550-555.	5.3	63
32	Component-Controlled Synthesis of Necklace-Like Hollow Ni_XRu_y Nanoalloys as Electrocatalysts for Hydrogen Evolution Reaction. ACS Applied Materials & Interfaces, 2017, 9, 17326-17336.	4.0	60
33	Carbon Dots with Absorption Red-Shifting for Two-Photon Fluorescence Imaging of Tumor Tissue pH and Synergistic Phototherapy. ACS Applied Materials & Interfaces, 2021, 13, 35365-35375.	4.0	60
34	Nicking enzyme and graphene oxide-based dual signal amplification for ultrasensitive aptamer-based fluorescence polarization assays. Biosensors and Bioelectronics, 2015, 63, 178-184.	5.3	58
35	A novel capillary electrophoresis method for the determination of -serine in neural samples. Talanta, 2005, 67, 212-216.	2.9	56
36	3D Porous Nanoarchitectures Derived from SnS/Sâ€Doped Graphene Hybrid Nanosheets for Flexible Allâ€Solidâ€State Supercapacitors. Small, 2017, 13, 1603494.	5.2	55

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37	Design of a New Near-Infrared Ratiometric Fluorescent Nanoprobe for Real-Time Imaging of Superoxide Anions and Hydroxyl Radicals in Live Cells and in Situ Tracing of the Inflammation Process in Vivo. Analytical Chemistry, 2018, 90, 4452-4460.	3.2	55
38	A bifunctional metal organic framework of type Fe(III)-BTC for cascade (enzymatic and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (en	2.5	55
39	Carbon nanotube signal amplification for ultrasensitive fluorescence polarization detection of DNA methyltransferase activity and inhibition. Biosensors and Bioelectronics, 2014, 54, 285-291.	5.3	54
40	Quantification of biogenic amines by microchip electrophoresis with chemiluminescence detection. Journal of Chromatography A, 2009, 1216, 5155-5159.	1.8	52
41	Attomolar Detection of Proteins via Cascade Strand-Displacement Amplification and Polystyrene Nanoparticle Enhancement in Fluorescence Polarization Aptasensors. Analytical Chemistry, 2015, 87, 8107-8114.	3.2	52
42	Nitrogen-rich functional groups carbon nanoparticles based fluorescent pH sensor with broad-range responding for environmental and live cells applications. Biosensors and Bioelectronics, 2016, 82, 233-239.	5.3	50
43	A facile and sensitive chemiluminescence detection of amino acids in biological samples after capillary electrophoretic separation. Electrophoresis, 2005, 26, 1745-1750.	1.3	49
44	Silver Nanoparticles/N-Doped Carbon-Dots Nanocomposites Derived from Siraitia Grosvenorii and Its Logic Gate and Surface-Enhanced Raman Scattering Characteristics. ACS Sustainable Chemistry and Engineering, 2016, 4, 1728-1735.	3.2	49
45	A gold nanoparticle-enhanced fluorescence polarization biosensor for amplified detection of T4 polynucleotide kinase activity and inhibition. Journal of Materials Chemistry B, 2013, 1, 2018.	2.9	48
46	Novel surfactant-directed synthesis of ultra-thin palladium nanosheets as efficient electrocatalysts for glycerol oxidation. Chemical Communications, 2017, 53, 1642-1645.	2.2	47
47	Mitochondrial-Targeted and Near-Infrared Fluorescence Probe for Bioimaging and Evaluating Monoamine Oxidase A Activity in Hepatic Fibrosis. ACS Sensors, 2020, 5, 943-951.	4.0	46
48	An amplified graphene oxide-based fluorescence aptasensor based on target-triggered aptamer hairpin switch and strand-displacement polymerization recycling forbioassays. Biosensors and Bioelectronics, 2013, 42, 598-602.	5.3	45
49	Graphitic carbon nitride nanosheet-based multicolour fluorescent nanoprobe for multiplexed analysis of DNA. Mikrochimica Acta, 2015, 182, 949-955.	2.5	44
50	Single-excitation, dual-emission biomass quantum dots: preparation and application for ratiometric fluorescence imaging of coenzyme A in living cells. Nanoscale, 2019, 11, 9270-9275.	2.8	44
51	A gold nanoparticle-mediated enzyme bioreactor for inhibitor screening by capillary electrophoresis. Analytical Biochemistry, 2011, 411, 88-93.	1.1	42
52	High-Performance Flexible In-Plane Micro-Supercapacitors Based on Vertically Aligned CuSe@Ni(OH)₂ Hybrid Nanosheet Films. ACS Applied Materials & Interfaces, 2018, 10, 38341-38349.	4.0	41
53	Inhibitor structure-guided design and synthesis of near-infrared fluorescent probes for monoamine oxidase A (MAO-A) and its application in living cells and in vivo. Chemical Communications, 2019, 55, 2477-2480.	2.2	41
54	Introducing chemiluminescence resonance energy transfer into immunoassay in a microfluidic format for an improved assay sensitivity. Chemical Communications, 2012, 48, 699-701.	2.2	39

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55	A sensitive fluorescence turn-on assay of bleomycin and nuclease using WS2 nanosheet as an effective sensing platform. Analytica Chimica Acta, 2015, 866, 84-89.	2.6	39
56	A microchip electrophoresis-mass spectrometric platform with double cell lysis nano-electrodes for automated single cell analysis. Journal of Chromatography A, 2016, 1451, 156-163.	1.8	39
57	Colorimetric detection of blood glucose based on GOx@ZIF-8@Fe-polydopamine cascade reaction. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 219, 240-247.	2.0	39
58	A multifunctional nanoprobe for targeting tumors and mitochondria with singlet oxygen generation and monitoring mitochondrion pH changes in cancer cells by ratiometric fluorescence imaging. Chemical Science, 2020, 11, 3636-3643.	3.7	39
59	A Nonenzymatic Chemiluminescent Reaction Enabling Chemiluminescence Resonance Energy Transfer to Quantum Dots. Chemistry - A European Journal, 2010, 16, 6142-6145.	1.7	37
60	Design and Synthesis of a Ratiometric Photoacoustic Probe for In Situ Imaging of Zinc Ions in Deep Tissue In Vivo. Analytical Chemistry, 2020, 92, 6382-6390.	3.2	37
61	Microchip electrophoresis with chemiluminescence detection for assaying ascorbic acid and amino acids in single cells. Journal of Chromatography A, 2009, 1216, 6746-6751.	1.8	36
62	Synchronous Construction of Hierarchical Porosity and Thiol Functionalization in COFs for Selective Extraction of Cationic Dyes in Water Samples. ACS Applied Materials & Interfaces, 2021, 13, 4352-4363.	4.0	36
63	A novel microchip electrophoresis-based chemiluminescence immunoassay for the detection of alpha-fetoprotein in human serum. Talanta, 2017, 165, 107-111.	2.9	35
64	A â€œSignal Onâ€•Photoelectrochemical Biosensor Based on Bismuth@N,Oâ€Codopedâ€Carbon Coreâ€Shell Nanohybrids for Ultrasensitive Detection of Telomerase in HeLa Cells. Chemistry - A European Journal, 2018, 24, 3677-3682.	1.7	35
65	Capsicum-Derived Biomass Quantum Dots Coupled with Alizarin Red S as an Inner-Filter-Mediated Illuminant Nanosystem for Imaging of Intracellular Calcium Ions. Analytical Chemistry, 2018, 90, 13059-13064.	3.2	35
66	A microchip electrophoresis-based fluorescence signal amplification strategy for highly sensitive detection of biomolecules. Chemical Communications, 2017, 53, 455-458.	2.2	34
67	Facile synthesis of magnetic carbon nanotubes derived from ZIF-67 and application to magnetic solid-phase extraction of profens from human serum. Talanta, 2020, 207, 120284.	2.9	34
68	A Smart Nearâ€Infrared Carbon Dotâ€Metal Organic Framework Assemblies for Tumor Microenvironmentâ€Activated Cancer Imaging and Chemodynamicâ€Photothermal Combined Therapy. Advanced Healthcare Materials, 2022, 11, e2102759.	3.9	34
69	Quantification of carnosine-related peptides by microchip electrophoresis with chemiluminescence detection. Analytical Biochemistry, 2009, 393, 105-110.	1.1	33
70	A label-free fluorescent assay for free chlorine in drinking water based on protein-stabilized gold nanoclusters. Talanta, 2015, 132, 790-795.	2.9	33
71	Sulfonic acid functionalized hierarchical porous covalent organic frameworks as a SALDI-TOF MS matrix for effective extraction and detection of paraquat and diquat. Journal of Colloid and Interface Science, 2021, 603, 172-181.	5.0	33
72	Facile preparation of fluorescent polydihydroxyphenylalanine nanoparticles for label-free detection of copper ions. Sensors and Actuators B: Chemical, 2016, 225, 334-339.	4.0	30

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73	Gold nanoparticleâ€enhanced chemiluminescence detection for CE. Electrophoresis, 2009, 30, 1059-1065.	1.3	29
74	Quantification of taurine and amino acids in mice single fibrosarcoma cell by microchip electrophoresis coupled with chemiluminescence detection. Electrophoresis, 2010, 31, 1630-1636.	1.3	29
75	Signal amplification in capillary electrophoresis based chemiluminescent immunoassays by using an antibodyâ€“gold nanoparticleâ€“DNAzyme assembly. Talanta, 2014, 124, 14-20.	2.9	29
76	Tungsten disulfide nanosheet and exonuclease III co-assisted amplification strategy for highly sensitive fluorescence polarization detection of DNA glycosylase activity. Analytica Chimica Acta, 2015, 887, 216-223.	2.6	29
77	Absolute Quantification of MicroRNAs in a Single Cell with Chemiluminescence Detection Based on Rolling Circle Amplification on a Microchip Platform. Analytical Chemistry, 2021, 93, 9218-9225.	3.2	29
78	An integrated platform for label-free fluorescence detection and inactivation of bacteria based on boric acid functionalized Zr-MOF. Sensors and Actuators B: Chemical, 2021, 345, 130345.	4.0	29
79	Gold nanoparticleâ€enhanced capillary electrophoresisâ€chemiluminescence assay of trace uric acid. Electrophoresis, 2009, 30, 2676-2680.	1.3	28
80	A fluorescence polarization assay for nucleic acid based on the amplification of hybridization chain reaction and nanoparticles. Sensors and Actuators B: Chemical, 2015, 209, 116-121.	4.0	28
81	Microfluidic Platform with In-Chip Electrophoresis Coupled to Mass Spectrometry for Monitoring Neurochemical Release from Nerve Cells. Analytical Chemistry, 2016, 88, 5338-5344.	3.2	28
82	Progress and Trend on the Regulation Methods for Nanozyme Activity and Its Application. Catalysts, 2019, 9, 1057.	1.6	28
83	An amplified single-walled carbon nanotube-mediated chemiluminescence turn-on sensing platform for ultrasensitive DNA detection. Chemical Communications, 2012, 48, 9400.	2.2	27
84	Mass-amplifying quantum dots in a fluorescence polarization-based aptasensor for ATP. Mikrochimica Acta, 2013, 180, 203-209.	2.5	27
85	An amplified chemiluminescence aptasensor based on bi-resonance energy transfer on gold nanoparticles and exonuclease III-catalyzed target recycling. Chemical Communications, 2012, 48, 11877.	2.2	26
86	Fluorescent carbon dots with tunable emission by dopamine for sensing of intracellular pH, elementary arithmetic operations and a living cell imaging based INHIBIT logic gate. Journal of Materials Chemistry B, 2017, 5, 5265-5271.	2.9	26
87	Self-assembled nanomaterials for synergistic antitumour therapy. Journal of Materials Chemistry B, 2018, 6, 6685-6704.	2.9	26
88	Design and fabrication of boric acid functionalized hierarchical porous metal-organic frameworks for specific removal of cis-diol-containing compounds from aqueous solution. Applied Surface Science, 2021, 535, 147714.	3.1	26
89	A Unique Multifunctional Nanoenzyme Tailored for Triggering Tumor Microenvironment Activated NIRâ€II Photoacoustic Imaging and Chemodynamic/Photothermal Combined Therapy. Advanced Healthcare Materials, 2022, 11, e2102073.	3.9	26
90	A carbon nanotubes based fluorescent aptasensor for highly sensitive detection of adenosine deaminase activity and inhibitor screening in natural extracts. Journal of Pharmaceutical and Biomedical Analysis, 2014, 95, 164-168.	1.4	25

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91	Electrophoresis separation assisted G-quadruplex DNAzyme-based chemiluminescence signal amplification strategy on a microchip platform for highly sensitive detection of microRNA. Chemical Communications, 2016, 52, 12806-12809.	2.2	25
92	Improving the Sensitivity of the miRNA Assay Coupled with the Mismatched Catalytic Hairpin Assembly Reaction by Optimization of Hairpin Annealing Conditions. Analytical Chemistry, 2021, 93, 6824-6830.	3.2	25
93	Aptamer and IR820 Dualâ€Functionalized Carbon Dots for Targeted Cancer Therapy against Hypoxic Tumors Based on an 808 nm Laserâ€Triggered Threeâ€Pathway Strategy. Advanced Therapeutics, 2018, 1, 1800041.	1.6	24
94	Ce-MOF with Intrinsic Haloperoxidase-Like Activity for Ratiometric Colorimetric Detection of Hydrogen Peroxide. Biosensors, 2021, 11, 204.	2.3	24
95	Capillary electrophoresis enantioselective separation of vigabatrin enantiomers by precolumn derivatization with dehydroabietylisothiocyante and UVâ€“vis detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 833, 186-190.	1.2	23
96	Quantification of glutathione in single cells from rat liver by microchip electrophoresis with chemiluminescence detection. Talanta, 2018, 179, 466-471.	2.9	23
97	A peptide-based four-color fluorescent polydopamine nanoprobe for multiplexed sensing and imaging of proteases in living cells. Chemical Communications, 2019, 55, 1651-1654.	2.2	23
98	An aptamer-based four-color fluorometic method for simultaneous determination and imaging of alpha-fetoprotein, vascular endothelial growth factor-165, carcinoembryonic antigen and human epidermal growth factor receptor 2 in living cells. Mikrochimica Acta, 2019, 186, 204.	2.5	23
99	A simple and feasible atom-precise biotinylated Cu(<scp>i</scp>) complex for tumor-targeted chemodynamic therapy. Chemical Communications, 2021, 57, 6046-6049.	2.2	23
100	Design and synthesis of a ratiometric photoacoustic imaging probe activated by selenol for visual monitoring of pathological progression of autoimmune hepatitis. Chemical Science, 2021, 12, 4883-4888.	3.7	22
101	A sensitive and rapid immunoassay for quantification of testosterone by microchip electrophoresis with enhanced chemiluminescence detection. Electrophoresis, 2011, 32, 3196-3200.	1.3	21
102	Aptamer-based microchip electrophoresis assays for amplification detection of carcinoembryonic antigen. Clinica Chimica Acta, 2015, 450, 304-309.	0.5	21
103	A T7exonucleaseâ€assisted target recycling amplification with graphene oxide acting as the signal amplifier for fluorescence polarization detection of human immunodeficiency virus (HIV) DNA. Luminescence, 2016, 31, 573-579.	1.5	21
104	Real-time tracing the changes in the intracellular pH value during apoptosis by near-infrared ratiometric fluorescence imaging. Chemical Communications, 2018, 54, 9071-9074.	2.2	21
105	Well-Coupled Nanohybrids Obtained by Component-Controlled Synthesis and in Situ Integration of Mn_xPd_y Nanocrystals on Vulcan Carbon for Electrocatalytic Oxygen Reduction. ACS Applied Materials & Interfaces, 2018, 10, 8155-8164.	4.0	20
106	A T7 exonuclease assisted dual-cycle signal amplification assay of miRNA using nanospheres-enhanced fluorescence polarization. Talanta, 2019, 202, 297-302.	2.9	20
107	Colorimetric Detection of Salicylic Acid in Aspirin Using MIL-53(Fe) Nanozyme. Frontiers in Chemistry, 2020, 8, 671.	1.8	20
108	Degradingdehydroabietylisothiocyanate as a chiral derivatizing reagent for enantiomeric separations by capillary electrophoresis. Electrophoresis, 2006, 27, 3428-3433.	1.3	19

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109	Simultaneous quantification of 5-hydroxyindoleacetic acid and 5-hydroxytryptamine by capillary electrophoresis with quantum dot and horseradish peroxidase enhanced chemiluminescence detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 967, 190-194.	1.2	18
110	Sensitive and label-free fluorescence detection of apurinic/apyrimidinic endonuclease 1 activity based on isothermal amplified-generation of G-quadruplex. New Journal of Chemistry, 2017, 41, 1893-1896.	1.4	18
111	A gold nanoparticle-based four-color proximity immunoassay for one-step, multiplexed detection of protein biomarkers using ribonuclease H signal amplification. Chemical Communications, 2018, 54, 2719-2722.	2.2	18
112	A novel multiplex signal amplification strategy based on microchip electrophoresis platform for the improved separation and detection of microRNAs. Talanta, 2018, 189, 437-441.	2.9	18
113	Hydrogen Sulfide Dual-Activated NIR-II Photoacoustic Probes for Accurate Imaging and Efficient Photothermal Therapy of Colon Cancer. ACS Applied Bio Materials, 2021, 4, 974-983.	2.3	18
114	Label-free fluorescence turn-on sensing for melamine based on fluorescence resonance energy transfer between CdTe/CdS quantum dots and gold nanoparticles. RSC Advances, 2014, 4, 61667-61672.	1.7	17
115	Homogeneous label-free colorimetric strategy for convenient bleomycin detection based on bleomycin enhanced Fe(<scp>ii</scp>)â€“H₂O₂â€“ABTS reaction. Analytical Methods, 2014, 6, 7973-7977.	1.3	17
116	A fluorescent aptasensor based on single oligonucleotide-mediated isothermal quadratic amplification and graphene oxide fluorescence quenching for ultrasensitive protein detection. Analyst, The, 2018, 143, 3918-3925.	1.7	17
117	Fingerprint Analysis of Zanthoxylum nitidum by Nonaqueous CE. Chromatographia, 2008, 68, 475-479.	0.7	16
118	A label free fluorescent assay for uracil-DNA glycosylase activity based on the signal amplification of exonuclease I. RSC Advances, 2015, 5, 80871-80874.	1.7	16
119	Novel autonomous protein-encoded aptamer nanomachines and isothermal exponential amplification for ultrasensitive fluorescence polarization sensing of small molecules. RSC Advances, 2016, 6, 86043-86050.	1.7	16
120	Magnetic Cu/Fe3O4@FeOOH with intrinsic HRP-like activity at nearly neutral pH for one-step biosensing. Analytical and Bioanalytical Chemistry, 2019, 411, 3801-3810.	1.9	16
121	A red emitting fluorescent probe for sensitively monitoring hydrogen polysulfides in living cells and zebrafish. Sensors and Actuators B: Chemical, 2019, 284, 30-35.	4.0	16
122	Ultrasensitive detection of microRNA-21 based on electrophoresis assisted cascade chemiluminescence signal amplification for the identification of cancer cells. Talanta, 2020, 209, 120505.	2.9	16
123	An ultrasensitive chemiluminescence strategy based on a microchip platform for telomerase detection at a single-cell level. Chemical Communications, 2021, 57, 3095-3098.	2.2	16
124	Ultrasmall phosphatase-mimicking nanoceria with slight self-colour for nonredox nanozyme-based colorimetric sensing. Analytica Chimica Acta, 2022, 1200, 339604.	2.6	16
125	An enhanced fluorescence polarization strategy based on multiple proteinâ€“DNAâ€“protein structures for sensitive detection of PDGF-BB. RSC Advances, 2014, 4, 6850.	1.7	15
126	Improved method for chemiluminescent determination of peroxidase-mimicking DNAzyme activity. Analytical Biochemistry, 2014, 466, 19-23.	1.1	15

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127	Label-free and amplified colorimetric assay of ribonuclease H activity and inhibition based on a novel enzyme-responsive DNAzyme cascade. RSC Advances, 2015, 5, 43105-43109.	1.7	15
128	Self-assembled nanoporous graphene quantum dot-Mn₃O₄ nanocomposites for surface-enhanced Raman scattering based identification of cancer cells. RSC Advances, 2017, 7, 18658-18667.	1.7	15
129	A highly sensitive capillary electrophoresis immunoassay strategy based on dualâ€labeled gold nanoparticles enhancing chemiluminescence for the detection of prostateâ€specific antigen. Electrophoresis, 2017, 38, 1780-1787.	1.3	15
130	A new ratiometric fluorescence assay based on resonance energy transfer between biomass quantum dots and organic dye for the detection of sulfur dioxide derivatives. RSC Advances, 2019, 9, 41955-41961.	1.7	15
131	Accelerating the peroxidase-like activity of MoSe₂ nanosheets at physiological pH by dextran modification. Chemical Communications, 2020, 56, 10847-10850.	2.2	15
132	Hybrid MoS2/g-C3N4-assisted LDI mass spectrometry for rapid detection of small molecules and polyethylene glycols and direct determinationÂof uric acid in complicated biological samples. Mikrochimica Acta, 2021, 188, 5.	2.5	15
133	A self-correcting fluorescent assay of tyrosinase based on Fe-MIL-88B-NH2 nanozyme. Mikrochimica Acta, 2021, 188, 158.	2.5	15
134	MOF-derivated MnO@C nanocomposite with bidirectional electrocatalytic ability as signal amplification for dual-signal electrochemical sensing of cancer biomarker. Talanta, 2022, 239, 123150.	2.9	15
135	CE Method with Partial Filling Techniques for Screening of Xanthine Oxidase Inhibitor in Traditional Chinese Medicine. Chromatographia, 2011, 73, 583-587.	0.7	14
136	An enhanced chemiluminescence resonance energy transfer system based on target recycling G-guadruplexes/hemin DNAzyme catalysis and its application in ultrasensitive detection of DNA. Talanta, 2015, 138, 59-63.	2.9	14
137	Colorimetric detection of thioglycolic acid based on the enhanced Fe3+ ions Fenton reaction. Microchemical Journal, 2019, 144, 190-194.	2.3	14
138	Polydopamine nanoparticle-based multicolor proximity immunoassays for ultrasensitive, multiplexed analysis of proteins using isothermal quadratic amplification. Sensors and Actuators B: Chemical, 2019, 282, 626-635.	4.0	14
139	Versatile Synthesis of Pdâ^M (M=Cr, Mo, W) Alloy Nanosheets Flowerâ€like Superstructures for Efficient Oxygen Reduction Electrocatalysis. ChemCatChem, 2020, 12, 4138-4148.	1.8	14
140	Porous Oxyhydroxide Derived from Metalâ€“Organic Frameworks as Efficient Triphosphatase-like Nanozyme for Chromium(III) Ion Colorimetric Sensing. ACS Applied Bio Materials, 2021, 4, 6962-6973.	2.3	14
141	Monoclinic Copper(I) Selenide Nanocrystals and Copper(I) Selenide/Palladium Heterostructures: Synthesis, Characterization, and Surface-Enhanced Raman Scattering Performance. European Journal of Inorganic Chemistry, 2015, 2015, 2229-2236.	1.0	13
142	An ultrasensitive microchip electrophoresis assay based on separation-assisted double cycling signal amplification strategy for microRNA detection in cell lysate. Analyst, The, 2018, 143, 1468-1474.	1.7	13
143	Ultrasensitive fluorescent detection of nucleic acids based on label-free enzymatic-assisted cascade signal amplification. Analytica Chimica Acta, 2018, 1039, 91-97.	2.6	13
144	Simple label-free fluorescence detection of apurinic/apyrimidinic endonuclease 1 activity and its inhibitor using the abasic site-binding fluorophore. Analytical Methods, 2019, 11, 739-743.	1.3	13

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145	A Distinctive Spinachâ€Based Carbon Nanomaterial with Chlorophyllâ€Rich and Nearâ€Infrared Emission for Simultaneous In Vivo Biothiol Imaging and Dualâ€Enhanced Photodynamic Therapy of Tumor. Advanced Therapeutics, 2019, 2, 1900011.	1.6	13
146	Microporous hydrogen-bond organic frameworks-based SALDI-TOF MS for simultaneous enrichment and high sensitivity detection of paraquat and chlormequat. Sensors and Actuators B: Chemical, 2022, 353, 131132.	4.0	13
147	Preparation of cationic hierarchical porous covalent organic frameworks for rapid and effective enrichment of perfluorinated substances in dairy products. Journal of Chromatography A, 2022, 1675, 463188.	1.8	13
148	A novel exonuclease III-aided amplification assay based on a graphene platform for sensitive detection of adenosine triphosphate. Analytical Methods, 2015, 7, 3708-3713.	1.3	12
149	A G-quadruplex-based colorimetric assay of S1 nuclease activity and inhibition. Analytical Methods, 2015, 7, 5600-5605.	1.3	12
150	Realâ€Time Chiral Metabolic Monitoring of Single Cell Using Microchip Electrophoresis Coupled with Electrospray Ionization Mass Spectrometry. ChemistrySelect, 2016, 1, 5554-5560.	0.7	12
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