

# Zhaohui Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9070271/publications.pdf>

Version: 2024-02-01

182  
papers

8,286  
citations

57681

46  
h-index

68831

81  
g-index

183  
all docs

183  
docs citations

183  
times ranked

9324  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular Milieu and Membrane Receptor Dual-Driven DNA Nanorobot for Accurate in Vivo Tumor Imaging. <i>CCS Chemistry</i> , 2022, 4, 1597-1609.	4.6	23
2	Mechanisms for carbon dots-based chemosensing, biosensing, and bioimaging: A review. <i>Analytica Chimica Acta</i> , 2022, 1209, 338885.	2.6	47
3	A Carbonized Fluorescent Nucleolus Probe Discloses RNA Reduction in the Process of Mitophagy. <i>CCS Chemistry</i> , 2022, 4, 2698-2710.	4.6	12
4	Magnetic biocomposite based on peanut husk for adsorption of hexavalent chromium, Congo red and phosphate from solution: Characterization, kinetics, equilibrium, mechanism and antibacterial studies. <i>Chemosphere</i> , 2022, 287, 132030.	4.2	40
5	Detection, detoxification, and removal of multiply heavy metal ions using a recyclable probe enabled by click and declick chemistry. <i>Journal of Hazardous Materials</i> , 2022, 423, 127242.	6.5	20
6	A highly sensitive fluorescence method for the detection of T4 polynucleotide kinase phosphatase based on polydopamine nanotubes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 267, 120594.	2.0	4
7	Amine-grafted walnut shell for efficient removal of phosphate and nitrate. <i>Environmental Science and Pollution Research</i> , 2022, 29, 20976-20995.	2.7	7
8	Pollutant decontamination by polyethyleneimine-engineered agricultural waste materials: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 705-729.	8.3	19
9	Three-dimensional carbon dots/Prussian blue analogues nanocubes /nickel foams as self-standing electrodes for high-performance hybrid electrochemical capacitors. <i>Journal of Colloid and Interface Science</i> , 2022, 613, 796-805.	5.0	13
10	Exploring the size of DNA functionalized gold nanoparticles for high efficiency exosome uptake and sensitive biosensing. <i>Sensors and Actuators B: Chemical</i> , 2022, 355, 131315.	4.0	11
11	Multivalent self-assembled nano string lights for tumor-targeted delivery and accelerated biomarker imaging in living cells and <i>in vivo</i> . <i>Analyst</i> , The, 2022, 147, 811-818.	1.7	4
12	Spatial Confinement-Derived Double-Accelerated DNA Cascade Reaction for Ultrafast and Highly Sensitive <i>In Situ</i> Monitoring of Exosomal miRNA and Exosome Tracing. <i>Analytical Chemistry</i> , 2022, 94, 2227-2235.	3.2	30
13	Dual microenvironmental parameter-responsive lysosome-targeting carbon dots for the high contrast discrimination of a broad spectrum of cancer cells. <i>Chinese Chemical Letters</i> , 2022, 33, 5051-5055.	4.8	20
14	Mismatch-fueled catalytic hairpin assembly mediated ultrasensitive biosensor for rapid detection of MicroRNA. <i>Analytica Chimica Acta</i> , 2022, 1204, 339663.	2.6	8
15	Simultaneous monitoring of mitochondrial viscosity and membrane potential based on fluorescence changing and location switching of carbon dots in living cells. <i>Carbon</i> , 2022, 195, 112-122.	5.4	16
16	Resolving variable cell viability-induced false negative: Accurate and high-contrast fluorescence diagnosis of cancer enabled by dual organelle targeting and multiple microenvironmental parameters responsive versatile carbon dots. <i>Sensors and Actuators B: Chemical</i> , 2022, 359, 131577.	4.0	6
17	Recent advances in chromophore-assembled upconversion nanoprobes for chemo/biosensing. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 151, 116602.	5.8	20
18	Zinc-Based Metal-Organic Frameworks in Drug Delivery, Cell Imaging, and Sensing. <i>Molecules</i> , 2022, 27, 100.	1.7	24

#	ARTICLE	IF	CITATIONS
19	Methyl viologen induced fluorescence quenching of CdTe quantum dots for highly sensitive and selective "off-on" sensing of ascorbic acid through redox reaction. <i>Journal of Fluorescence</i> , 2022, 32, 1405-1412.	1.3	1
20	A two-dimensional thin Co-MOF nanosheet as a nanozyme with high oxidase-like activity for GSH detection. <i>New Journal of Chemistry</i> , 2022, 46, 10682-10689.	1.4	16
21	Metal formate framework-assisted solid fluorescent material based on carbonized nanoparticles for the detection of latent fingerprints. <i>Analytica Chimica Acta</i> , 2022, 1209, 339864.	2.6	6
22	Tuning asymmetric electronic structure endows carbon dots with unexpected huge Stokes shift for high contrast in vivo imaging. <i>Chemical Engineering Journal</i> , 2022, 446, 136928.	6.6	17
23	Boron and Nitrogen-Codoped Carbon Dots as Highly Efficient Electrochemiluminescence Emitters for Ultrasensitive Detection of Hepatitis B Virus DNA. <i>Analytical Chemistry</i> , 2022, 94, 7601-7608.	3.2	30
24	Split-aptamer mediated regenerable temperature-sensitive electrochemical biosensor for the detection of tumour exosomes. <i>Analytica Chimica Acta</i> , 2022, 1219, 340027.	2.6	8
25	Visual Monitoring of Nucleic Acid Dynamic Structures during Cellular Ferroptosis Using Rationally Designed Carbon Dots with Robust Anti-Interference Ability to Reactive Oxygen Species. <i>ACS Applied Bio Materials</i> , 2022, 5, 2703-2711.	2.3	10
26	MoS <sub>2</sub> quantum dots as fluorescent probe for methotrexate detection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 279, 121443.	2.0	5
27	High-fidelity carbon dots polarity probes: revealing the heterogeneity of lipids in oncology. <i>Light: Science and Applications</i> , 2022, 11, .	7.7	39
28	Fe <sub>3</sub> O <sub>4</sub> and iminodiacetic acid modified peanut husk as a novel adsorbent for the uptake of Cu (II) and Pb (II) in aqueous solution: Characterization, equilibrium and kinetic study. <i>Environmental Pollution</i> , 2021, 268, 115729.	3.7	49
29	Fullerenol as a photoelectrochemical nanoprobe for discrimination and ultrasensitive detection of amplification-free single-stranded DNA. <i>Biosensors and Bioelectronics</i> , 2021, 173, 112802.	5.3	15
30	Molecular recognition triggered aptazyme cascade for ultrasensitive detection of exosomes in clinical serum samples. <i>Chinese Chemical Letters</i> , 2021, 32, 1827-1830.	4.8	23
31	Engineering a lipid droplet targeting fluorescent probe with a large Stokes shift through ester substituent rotation for <i>in vivo</i> tumor imaging. <i>Analyst</i> , 2021, 146, 495-501.	1.7	17
32	A glycine-functionalized graphene quantum dots synthesized by a facile post-modification strategy for a sensitive and selective fluorescence sensor of mercury ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 247, 119090.	2.0	30
33	Fluorescent Carbon Dots Shuttling between Mitochondria and the Nucleolus for <i>In Situ</i> Visualization of Cell Viability. <i>ACS Applied Bio Materials</i> , 2021, 4, 928-934.	2.3	11
34	Length-Dependent Distinct Cytotoxic Effect of Amyloid Fibrils beyond Optical Diffraction Limit Revealed by Nanoscopic Imaging. <i>ACS Nano</i> , 2021, 15, 934-943.	7.3	22
35	Rapid and large-scale synthesis of polydopamine based N-doped carbon spheres@Co <sub>x</sub> Ni <sub>1-x</sub> (OH) <sub>2</sub> core-shell nanocomposites for high performance supercapacitors. <i>Journal of Alloys and Compounds</i> , 2021, 854, 157246.	2.8	8
36	Near-infrared inorganic nanomaterial-based nanosystems for photothermal therapy. <i>Nanoscale</i> , 2021, 13, 8751-8772.	2.8	103

#	ARTICLE	IF	CITATIONS
37	A highly sensitive fluorescent biosensor for the detection of cytochrome <i>c</i> based on polydopamine nanotubes and exonuclease I amplification. <i>New Journal of Chemistry</i> , 2021, 45, 11347-11351.	1.4	4
38	Entropy-driven amplification strategy-assisted lateral flow assay biosensor for ultrasensitive and convenient detection of nucleic acids. <i>Analyst</i> , 2021, 146, 1668-1674.	1.7	7
39	Core-shell gold nanorod@mesoporous-MOF heterostructures for combinational phototherapy. <i>Nanoscale</i> , 2021, 13, 131-137.	2.8	33
40	A fluorescence-switchable carbon dot for the reversible turn-on sensing of molecular oxygen. <i>Journal of Materials Chemistry C</i> , 2021, 9, 4300-4306.	2.7	24
41	An electrostatic repulsion strategy for a highly selective and sensitive switch-on fluorescence sensor of ascorbic acid based on the cysteamine-coated CdTe quantum dots and cerium(IV). <i>New Journal of Chemistry</i> , 2021, 45, 6301-6307.	1.4	8
42	Decontamination of bisphenol A and Congo red dye from solution by using CTAB functionalised walnut shell. <i>Environmental Science and Pollution Research</i> , 2021, 28, 28732-28749.	2.7	49
43	Selective removal of anionic dyes in single and binary system using Zirconium and iminodiacetic acid modified magnetic peanut husk. <i>Environmental Science and Pollution Research</i> , 2021, 28, 37322-37337.	2.7	6
44	2D Co-MOF nanosheet-based nanozyme with ultrahigh peroxidase catalytic activity for detection of biomolecules in human serum samples. <i>Mikrochimica Acta</i> , 2021, 188, 130.	2.5	35
45	Recent progress in carbon-dots-based nanozymes for chemosensing and biomedical applications. <i>Chinese Chemical Letters</i> , 2021, 32, 2994-3006.	4.8	46
46	Ultra-sensitive detection of ATP in serum and lysates based on nitrogen-doped carbon dots. <i>Luminescence</i> , 2021, 36, 1584-1591.	1.5	3
47	Zirconium and iminodiacetic acid modified magnetic peanut husk as a novel adsorbent for the sequestration of phosphates from solution: Characterization, equilibrium and kinetic study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 615, 126260.	2.3	24
48	Highly sensitive and selective fluorescence sensing and imaging of Fe <sup>3+</sup> based on a novel nitrogen doped graphene quantum dots. <i>Luminescence</i> , 2021, 36, 1592-1599.	1.5	3
49	Two-Dimension (2D) Cu-MOFs/aptamer Nanoprobe for In Situ ATP Imaging in Living Cells. <i>Journal of Analysis and Testing</i> , 2021, 5, 165-173.	2.5	25
50	Dual-readout test strips platform for portable and highly sensitive detection of alkaline phosphatase in human serum samples. <i>Chinese Chemical Letters</i> , 2021, 32, 3421-3425.	4.8	15
51	Simultaneous detection of the spike and nucleocapsid proteins from SARS-CoV-2 based on ultrasensitive single molecule assays. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 4645-4654.	1.9	17
52	A facile and highly efficient fluorescent turn-on switch strategy based on diketone isomerization and its application in peroxynitrite fluorescent imaging. <i>Sensors and Actuators B: Chemical</i> , 2021, 337, 129805.	4.0	8
53	Spying on the Polarity Dynamics during Wound Healing of Zebrafish by Using Rationally Designed Carbon Dots. <i>Advanced Healthcare Materials</i> , 2021, 10, e2002268.	3.9	34
54	A review of treatment techniques applied for selective removal of emerging pollutant-trimethoprim from aqueous systems. <i>Journal of Cleaner Production</i> , 2021, 308, 127359.	4.6	49

#	ARTICLE	IF	CITATIONS
55	Engineering a Rolling-Circle Strand Displacement Amplification Mediated Label-Free Ultrasensitive Electrochemical Biosensing Platform. <i>Analytical Chemistry</i> , 2021, 93, 9568-9574.	3.2	29
56	Adsorption performance of modified agricultural waste materials for removal of emerging micro-contaminant bisphenol A: A comprehensive review. <i>Science of the Total Environment</i> , 2021, 780, 146629.	3.9	105
57	A review on functionalized adsorbents based on peanut husk for the sequestration of pollutants in wastewater: Modification methods and adsorption study. <i>Journal of Cleaner Production</i> , 2021, 310, 127502.	4.6	60
58	Programmable DNAzyme Computing for Specific <i>In Vivo</i> Imaging: Intracellular Stimulus-Unlocked Target Sensing and Signal Amplification. <i>Analytical Chemistry</i> , 2021, 93, 12456-12463.	3.2	21
59	Quantitative Structure-Activity Relationship Enables the Rational Design of Lipid Droplet-Targeting Carbon Dots for Visualizing Bisphenol A-Induced Nonalcoholic Fatty Liver Disease-like Changes. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 44086-44095.	4.0	33
60	One novel composite based on functionalized magnetic peanut husk as adsorbent for efficient sequestration of phosphate and Congo red from solution: Characterization, equilibrium, kinetic and mechanism studies. <i>Journal of Colloid and Interface Science</i> , 2021, 598, 69-82.	5.0	31
61	Low Polarity-Triggered Basic Hydrolysis of Coumarin as an AND Logic Gate for Broad-Spectrum Cancer Diagnosis. <i>Analytical Chemistry</i> , 2021, 93, 12434-12440.	3.2	19
62	Functionalization of walnut shell by grafting amine groups to enhance the adsorption of Congo red from water in batch and fixed-bed column modes. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106301.	3.3	43
63	A DNA dendrimer amplified electrochemical immunosensing method for highly sensitive detection of prostate specific antigen. <i>Analytica Chimica Acta</i> , 2021, 1186, 339083.	2.6	7
64	Runx1/miR-26a/Jagged1 signaling axis controls osteoclastogenesis and alleviates orthodontically induced inflammatory root resorption. <i>International Immunopharmacology</i> , 2021, 100, 107991.	1.7	9
65	Prodrug-based self-assembled nanoparticles formed by 3,5-di- <i>n</i> -butyloxy-4-hydroxybenzylidene-2-thiouracil for cancer chemotherapy. <i>New Journal of Chemistry</i> , 2021, 45, 8306-8313.	1.4	2
66	One Stone, Three Birds: pH Triggered Transformation of Aminopyronine and Iminopyronine Based Lysosome Targeting Viscosity Probe for Cancer Visualization. <i>Analytical Chemistry</i> , 2021, 93, 1786-1791.	3.2	77
67	Copper-Doped Terbium Luminescent Metal Organic Framework as an Emitter and a Co-reaction Promoter for Amplified Electrochemiluminescence Immunoassay. <i>Analytical Chemistry</i> , 2021, 93, 14878-14884.	3.2	44
68	Dual 3D DNA Nanomachine-Mediated Catalytic Hairpin Assembly for Ultrasensitive Detection of MicroRNA. <i>Analytical Chemistry</i> , 2021, 93, 13952-13959.	3.2	45
69	Green fabrication of a novel cetylpyridinium-bagasse adsorbent for sequestration of micropollutant 2,4-D herbicide in aqueous system and its antibacterial properties against <i>S. aureus</i> and <i>E. coli</i> . <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106714.	3.3	19
70	Lighting up Individual Organelles With Fluorescent Carbon Dots. <i>Frontiers in Chemistry</i> , 2021, 9, 784851.	1.8	7
71	A novel antibacterial biocomposite based on magnetic peanut husk for the removal of trimethoprim in solution: Adsorption and mechanism study. <i>Journal of Cleaner Production</i> , 2021, 329, 129722.	4.6	18
72	Structure-switching aptamer triggering hybridization displacement reaction for label-free detection of exosomes. <i>Talanta</i> , 2020, 209, 120510.	2.9	45

#	ARTICLE	IF	CITATIONS
73	Label-free and enzyme-free detection of microRNA based on a hybridization chain reaction with hemin/G-quadruplex enzymatic catalysis-induced MoS <sub>2</sub> quantum dots <i>via</i> the inner filter effect. <i>Nanoscale</i> , 2020, 12, 808-814.	2.8	38
74	Intrinsic lysosomal targeting fluorescent carbon dots with ultrastability for long-term lysosome imaging. <i>Journal of Materials Chemistry B</i> , 2020, 8, 736-742.	2.9	36
75	Accelerated DNAzyme-based fluorescent nanoprobe for highly sensitive microRNA detection in live cells. <i>Chemical Communications</i> , 2020, 56, 470-473.	2.2	34
76	A fluorescent nanosphere-based immunochromatography test strip for ultrasensitive and point-of-care detection of tetanus antibody in human serum. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 1151-1158.	1.9	15
77	Synthesis of rich N-doped hierarchically porous carbon flowers for electrochemical energy storage. <i>Diamond and Related Materials</i> , 2020, 102, 107691.	1.8	8
78	DNA Amplifier-Functionalized Metal-Organic Frameworks for Multiplexed Detection and Imaging of Intracellular mRNA. <i>ACS Sensors</i> , 2020, 5, 103-109.	4.0	54
79	Red emissive carbon dots with dual targetability for imaging polarity in living cells. <i>Sensors and Actuators B: Chemical</i> , 2020, 306, 127582.	4.0	47
80	High-Efficient Electrochemiluminescence of BCNO Quantum Dot-Equipped Boron Active Sites with Unexpected Catalysis for Ultrasensitive Detection of MicroRNA. <i>Analytical Chemistry</i> , 2020, 92, 14723-14729.	3.2	35
81	Ultrasensitive Photoelectrochemical Assay for DNA Detection Based on a Novel SnS <sub>2</sub> /Co <sub>3</sub> O <sub>4</sub> Sensitized Structure. <i>Analytical Chemistry</i> , 2020, 92, 14769-14774.	3.2	50
82	Rapid self-disassembly of DNA diblock copolymer micelles <i>via</i> target induced hydrophilic-hydrophobic regulation for sensitive MiRNA detection. <i>Chemical Communications</i> , 2020, 56, 10215-10218.	2.2	8
83	Iminodiacetic acid functionalized magnetic peanut husk for the removal of methylene blue from solution: characterization and equilibrium studies. <i>Environmental Science and Pollution Research</i> , 2020, 27, 40316-40330.	2.7	29
84	Simultaneous Detection of Human Serum Albumin and Sulfur Dioxide in Living Cells Based on a Catalyzed Michael Addition Reaction. <i>Analytical Chemistry</i> , 2020, 92, 16130-16137.	3.2	51
85	A wash-free lysosome targeting carbon dots for ultrafast imaging and monitoring cell apoptosis status. <i>Analytica Chimica Acta</i> , 2020, 1106, 207-215.	2.6	33
86	Fabrication of zirconium (IV)-loaded chitosan/Fe <sub>3</sub> O <sub>4</sub> /graphene oxide for efficient removal of alizarin red from aqueous solution. <i>Carbohydrate Polymers</i> , 2020, 248, 116792.	5.1	56
87	Conjugated-Polymer-Based Nanomaterials for Photothermal Therapy. <i>ACS Applied Polymer Materials</i> , 2020, 2, 4258-4272.	2.0	65
88	DNAzyme-Metal-Organic Framework Two-Photon Nanoprobe for In situ Monitoring of Apoptosis-Associated Zn <sup>2+</sup> in Living Cells and Tissues. <i>ACS Sensors</i> , 2020, 5, 3150-3157.	4.0	44
89	Highly Sensitive MicroRNA Detection by Coupling Nicking-Enhanced Rolling Circle Amplification with MoS <sub>2</sub> Quantum Dots. <i>Analytical Chemistry</i> , 2020, 92, 13588-13594.	3.2	117
90	Functionalized Two-Dimensional Nanomaterials for Biosensing and Bioimaging. <i>ACS Symposium Series</i> , 2020, , 143-165.	0.5	1

#	ARTICLE	IF	CITATIONS
91	Controllable and fast growth of ultrathin $\text{Ni}(\text{OH})_2$ nanosheets on polydopamine based N-doped carbon spheres for supercapacitors application. <i>Synthetic Metals</i> , 2020, 270, 116580.	2.1	11
92	Fluorescent Carbon Dots for in Situ Monitoring of Lysosomal ATP Levels. <i>Analytical Chemistry</i> , 2020, 92, 7940-7946.	3.2	82
93	Localized surface plasmon resonance coupled single-particle galactose assay with dark-field optical microscopy. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128347.	4.0	21
94	Uptake of micropollutant-bisphenol A, methylene blue and neutral red onto a novel bagasse- $\beta$ -cyclodextrin polymer by adsorption process. <i>Chemosphere</i> , 2020, 259, 127439.	4.2	99
95	Rational Design of Far-Red to Near-Infrared Emitting Carbon Dots for Ultrafast Lysosomal Polarity Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 31738-31744.	4.0	71
96	Self-immolative polymers in biomedicine. <i>Journal of Materials Chemistry B</i> , 2020, 8, 6697-6709.	2.9	35
97	Construction and Immunogenicity of Recombinant Vaccinia Virus Vaccine Against Japanese Encephalitis and Chikungunya Viruses Infection in Mice. <i>Vector-Borne and Zoonotic Diseases</i> , 2020, 20, 788-796.	0.6	5
98	Recognition triggered assembly of split aptamers to initiate a hybridization chain reaction for wash-free and amplified detection of exosomes. <i>Chemical Communications</i> , 2020, 56, 9024-9027.	2.2	33
99	A novel fluorescence probe based on specific recognition of GABAA receptor for imaging cell membrane. <i>Talanta</i> , 2020, 219, 121317.	2.9	3
100	Spatiotemporally Monitoring Cell Viability through Programmable Mitochondrial Membrane Potential Transformation by Using Fluorescent Carbon Dots. <i>Advanced Biology</i> , 2020, 4, 1900261.	3.0	10
101	Well-Defined DNA-Polymer Miktoarm Stars for Enzyme-Resistant Nanoflakes and Carrier-Free Gene Regulation. <i>Bioconjugate Chemistry</i> , 2020, 31, 530-536.	1.8	8
102	Enzyme activity-modulated etching of gold nanobipyramids@ $\text{MnO}_2$ nanoparticles for ALP assay using surface-enhanced Raman spectroscopy. <i>Nanoscale</i> , 2020, 12, 10390-10398.	2.8	38
103	RNA-responsive fluorescent carbon dots for fast and wash-free nucleolus imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 237, 118381.	2.0	29
104	Conservative treatment of rectovesical fistula after leakage following laparoscopic radical resection of rectal cancer. <i>Journal of International Medical Research</i> , 2020, 48, 030006052091483.	0.4	6
105	Nanomaterial-based sensors and biosensors for enhanced inorganic arsenic detection: A functional perspective. <i>Sensors and Actuators B: Chemical</i> , 2020, 315, 128100.	4.0	51
106	A novel, rapid, and simple PMA-qPCR method for detection and counting of viable Brucella organisms. <i>Journal of Veterinary Research (Poland)</i> , 2020, 64, 253-261.	0.3	11
107	Quantum Dots-Based Lateral Flow Test Strip for Glutathione Detection. <i>Methods in Molecular Biology</i> , 2020, 2135, 249-257.	0.4	2
108	Detection of Tetanus Antibody Applying a Cu-Zn-In-S/ZnS Quantum Dot-Based Lateral Flow Immunoassay. <i>Methods in Molecular Biology</i> , 2020, 2135, 285-292.	0.4	3

#	ARTICLE	IF	CITATIONS
109	A functional polymorphism in the promoter region of <i>IL-33</i> is associated with the reduced risk of colorectal cancer. <i>Biomarkers in Medicine</i> , 2019, 13, 567-575.	0.6	3
110	Ambient light sensor based colorimetric dipstick reader for rapid monitoring organophosphate pesticides on a smart phone. <i>Analytica Chimica Acta</i> , 2019, 1092, 126-131.	2.6	43
111	Mitochondrion-Specific Blinking Fluorescent Bioprobe for Nanoscopic Monitoring of Mitophagy. <i>ACS Nano</i> , 2019, 13, 11593-11602.	7.3	70
112	Recent advances in functionalized MnO <sub>2</sub> nanosheets for biosensing and biomedicine applications. <i>Nanoscale Horizons</i> , 2019, 4, 321-338.	4.1	185
113	Highly fluorescent organic polymers for quenchometric determination of hydrogen peroxide and enzymatic determination of glucose. <i>Mikrochimica Acta</i> , 2019, 186, 160.	2.5	8
114	Hydrogen-Bond-Induced Emission of Carbon Dots for Wash-Free Nucleus Imaging. <i>Analytical Chemistry</i> , 2019, 91, 9259-9265.	3.2	113
115	SciFinder-guided rational design of fluorescent carbon dots for ratiometric monitoring intracellular pH fluctuations under heat shock. <i>Chinese Chemical Letters</i> , 2019, 30, 1647-1651.	4.8	37
116	Retrosynthesis of Tunable Fluorescent Carbon Dots for Precise Long-Term Mitochondrial Tracking. <i>Small</i> , 2019, 15, e1901517.	5.2	103
117	Far-Red to Near-Infrared Carbon Dots: Preparation and Applications in Biotechnology. <i>Small</i> , 2019, 15, e1901507.	5.2	169
118	A turn-on fluorescent probe for sensitive detection of ascorbic acid based on SiNP@MnO <sub>2</sub> nanocomposites. <i>New Journal of Chemistry</i> , 2019, 43, 9466-9471.	1.4	17
119	Real-time monitoring of pH-responsive drug release using a metal-phenolic network-functionalized upconversion nanoconstruct. <i>Nanoscale</i> , 2019, 11, 9201-9206.	2.8	46
120	Quantum Dot-Based Lateral Flow Test Strips for Highly Sensitive Detection of the Tetanus Antibody. <i>ACS Omega</i> , 2019, 4, 6789-6795.	1.6	39
121	Lysosome-targeted carbon dots for ratiometric imaging of formaldehyde in living cells. <i>Nanoscale</i> , 2019, 11, 8458-8463.	2.8	102
122	Highly electrocatalytic biosensor based on Hemin@AuNPs/reduced graphene oxide/chitosan nanohybrids for non-enzymatic ultrasensitive detection of hydrogen peroxide in living cells. <i>Biosensors and Bioelectronics</i> , 2019, 132, 217-223.	5.3	42
123	A novel fluorescence method for the highly sensitive detection of T4 polynucleotide kinase based on polydopamine nanotubes. <i>New Journal of Chemistry</i> , 2019, 43, 16753-16758.	1.4	4
124	Carbon Dots: Retrosynthesis of Tunable Fluorescent Carbon Dots for Precise Long-Term Mitochondrial Tracking ( <i>Small</i> 48/2019). <i>Small</i> , 2019, 15, 1970259.	5.2	5
125	Rational design and development of a universal baby spinach-based sensing platform for the detection of biomolecules. <i>Analyst</i> , 2019, 144, 7173-7177.	1.7	2
126	Synthesis of hollow carbon spheres from polydopamine for electric double layered capacitors application. <i>Diamond and Related Materials</i> , 2019, 92, 32-40.	1.8	23



#	ARTICLE	IF	CITATIONS
127	Fluorometric determination of glucose based on a redox reaction between glucose and aminopropyltriethoxysilane and in-situ formation of blue-green emitting silicon nanodots. <i>Mikrochimica Acta</i> , 2019, 186, 78.	2.5	15
128	High performance fluorescence biosensing of cysteine in human serum with superior specificity based on carbon dots and cobalt-derived recognition. <i>Sensors and Actuators B: Chemical</i> , 2019, 280, 62-68.	4.0	56
129	Highly photoluminescent carbon dots derived from linseed and their applications in cellular imaging and sensing. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3181-3187.	2.9	54
130	Synthesis of cobalt-nickel pyrophosphates/N-doped graphene composites with high rate capability for asymmetric supercapacitor. <i>Journal of Alloys and Compounds</i> , 2018, 750, 607-616.	2.8	33
131	A lateral flow assay for the determination of human tetanus antibody in whole blood by using gold nanoparticle labeled tetanus antigen. <i>Mikrochimica Acta</i> , 2018, 185, 110.	2.5	24
132	A portable fluorescence biosensor for rapid and sensitive glutathione detection by using quantum dots-based lateral flow test strip. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 486-492.	4.0	33
133	Fluorometric determination of nucleic acids based on the use of polydopamine nanotubes and target-induced strand displacement amplification. <i>Mikrochimica Acta</i> , 2018, 185, 105.	2.5	13
134	Synthesis of Luminescent Carbon Dots with Ultrahigh Quantum Yield and Inherent Folate Receptor-Positive Cancer Cell Targetability. <i>Scientific Reports</i> , 2018, 8, 1086.	1.6	215
135	A facile fluorescence lateral flow biosensor for glutathione detection based on quantum dots-MnO <sub>2</sub> nanocomposites. <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 770-777.	4.0	58
136	A novel colorimetric strategy for sensitive and rapid sensing of ascorbic acid using cobalt oxyhydroxide nanoflakes and 3,3',5,5'-tetramethylbenzidine. <i>Sensors and Actuators B: Chemical</i> , 2018, 256, 512-519.	4.0	84
137	Human serum albumin templated MnO <sub>2</sub> nanosheets are oxidase mimics for colorimetric determination of hydrogen peroxide and for enzymatic determination of glucose. <i>Mikrochimica Acta</i> , 2018, 185, 559.	2.5	30
138	A facile colorimetric method for highly sensitive ascorbic acid detection by using CoOOH nanosheets. <i>Analytical Methods</i> , 2018, 10, 2623-2628.	1.3	18
139	Methylation of CDX2 gene promoter in the prediction of treatment efficacy in colorectal cancer. <i>Oncology Letters</i> , 2018, 16, 195-198.	0.8	3
140	Ultrasensitive determination of ascorbic acid by using cobalt oxyhydroxide nanosheets to enhance the chemiluminescence of the luminol-H <sub>2</sub> O <sub>2</sub> system. <i>RSC Advances</i> , 2018, 8, 23720-23726.	1.7	15
141	Graphene-like Metal-Free 2D Nanosheets for Cancer Imaging and Theranostics. <i>Trends in Biotechnology</i> , 2018, 36, 1145-1156.	4.9	54
142	One-Pot Green Synthesis of Ultrabright N-Doped Fluorescent Silicon Nanoparticles for Cellular Imaging by Using Ethylenediaminetetraacetic Acid Disodium Salt as an Effective Reductant. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 27979-27986.	4.0	65
143	Direct Cytosolic MicroRNA Detection Using Single-Layer Perfluorinated Tungsten Diselenide Nanoplatfrom. <i>Analytical Chemistry</i> , 2018, 90, 10369-10376.	3.2	14
144	A facile fluorescence assay for rapid and sensitive detection of uric acid based on carbon dots and MnO <sub>2</sub> nanosheets. <i>New Journal of Chemistry</i> , 2018, 42, 15121-15126.	1.4	33

#	ARTICLE	IF	CITATIONS
145	Aptamer-functionalized nanoscale metal-organic frameworks for targeted photodynamic therapy. <i>Theranostics</i> , 2018, 8, 4332-4344.	4.6	66
146	A Self-Assembly Fluorescence Sensing Platform for Glutathione Detection Based on Eco-Friendly Quantum Dots and MnO <sub>2</sub> Nanosheets. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 1709-1715.	0.9	11
147	Identification of potential transcription factors, long noncoding RNAs, and microRNAs associated with hepatocellular carcinoma. <i>Journal of Cancer Research and Therapeutics</i> , 2018, 14, 622.	0.3	20
148	Aberrant expression of cell cycle and material metabolism related genes contributes to hepatocellular carcinoma occurrence. <i>Pathology Research and Practice</i> , 2017, 213, 316-321.	1.0	64
149	A label-free aptasensor for highly sensitive ATP detection by using exonuclease I and oligonucleotide-templated fluorescent copper nanoparticles. <i>Analytical Methods</i> , 2017, 9, 2710-2714.	1.3	12
150	A novel one-step colorimetric assay for highly sensitive detection of glucose in serum based on MnO <sub>2</sub> nanosheets. <i>Analytical Methods</i> , 2017, 9, 4275-4281.	1.3	35
151	Ultrasensitive fluorometric glutathione assay based on a conformational switch of a G-quadruplex mediated by silver(I). <i>Mikrochimica Acta</i> , 2017, 184, 3325-3332.	2.5	12
152	Synthesis of delaminated layered double hydroxides and their assembly with graphene oxide for supercapacitor application. <i>Journal of Alloys and Compounds</i> , 2017, 711, 31-41.	2.8	55
153	Label-free and rapid detection of ATP based on structure switching of aptamers. <i>Analytical Biochemistry</i> , 2017, 526, 22-28.	1.1	44
154	A rapid and sensitive turn-on fluorescent probe for ascorbic acid detection based on carbon dots@MnO <sub>2</sub> nanocomposites. <i>Analytical Methods</i> , 2017, 9, 5653-5658.	1.3	31
155	Multiple-targeted graphene-based nanocarrier for intracellular imaging of mRNAs. <i>Analytica Chimica Acta</i> , 2017, 983, 1-8.	2.6	27
156	A novel label-free fluorescent molecular beacon for the detection of 3'â€²â€²5'â€²â€² exonuclease enzymatic activity using DNA-templated copper nanoclusters. <i>New Journal of Chemistry</i> , 2017, 41, 9718-9723.	1.4	29
157	Nitrogen-doped Carbon Dots Mediated Fluorescent on-off Assay for Rapid and Highly Sensitive Pyrophosphate and Alkaline Phosphatase Detection. <i>Scientific Reports</i> , 2017, 7, 5849.	1.6	81
158	A rapid biosensor for highly sensitive protein detection based on G-quadruplex-Thioflavin T complex and terminal protection of small molecule-linked DNA. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 1146-1152.	4.0	31
159	A facile label-free colorimetric method for highly sensitive glutathione detection by using manganese dioxide nanosheets. <i>Sensors and Actuators B: Chemical</i> , 2017, 242, 355-361.	4.0	57
160	Synthesis of glycine-functionalized graphene quantum dots as highly sensitive and selective fluorescent sensor of ascorbic acid in human serum. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 644-651.	4.0	62
161	Methylation of promoter region of CDX2 gene in colorectal cancer. <i>Oncology Letters</i> , 2016, 12, 3229-3233.	0.8	11
162	Poly(styrene sulfonate) and Pt bifunctionalized graphene nanosheets as an artificial enzyme to construct a colorimetric chemosensor for highly sensitive glucose detection. <i>Sensors and Actuators B: Chemical</i> , 2016, 233, 438-444.	4.0	48

#	ARTICLE	IF	CITATIONS
163	Label-free biosensor based on dsDNA-templated copper nanoparticles for highly sensitive and selective detection of NAD <sup>+</sup> . <i>RSC Advances</i> , 2016, 6, 91077-91082.	1.7	10
164	A facile label-free aptasensor for detecting ATP based on fluorescence enhancement of poly(thymine)-templated copper nanoparticles. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 6711-6717.	1.9	33
165	Reduced graphene oxide nanosheets functionalized with poly(styrene sulfonate) as a peroxidase mimetic in a colorimetric assay for ascorbic acid. <i>Mikrochimica Acta</i> , 2016, 183, 1847-1853.	2.5	88
166	Sensitive and label-free T4 polynucleotide kinase/phosphatase detection based on poly(thymine)-templated copper nanoparticles coupled with nicking enzyme-assisted signal amplification. <i>Analytical Methods</i> , 2016, 8, 2831-2836.	1.3	21
167	A label-free assay for T4 polynucleotide kinase/phosphatase activity and its inhibitors based on poly(thymine)-templated copper nanoparticles. <i>Talanta</i> , 2016, 146, 253-258.	2.9	38
168	Enhanced supercapacitive performance of graphite-like C3N4 assembled with NiAl-layered double hydroxide. <i>Electrochimica Acta</i> , 2015, 186, 292-301.	2.6	97
169	Molecular cloning, expression and characterization of programmed cell death 10 from sheep ( <i>Ovis</i> ) Tj ETQq1 1 0.784314 rgBJ /Overlock	1.0	
170	Efficient flocculation of an anionic dye from aqueous solutions using a cellulose-based flocculant. <i>Cellulose</i> , 2015, 22, 1439-1449.	2.4	58
171	A label-free method for detecting biothiols based on poly(thymine)-templated copper nanoparticles. <i>Biosensors and Bioelectronics</i> , 2015, 69, 77-82.	5.3	79
172	An aptamer-based signal-on bio-assay for sensitive and selective detection of Kanamycin A by using gold nanoparticles. <i>Talanta</i> , 2015, 139, 226-232.	2.9	80
173	A rapid fluorescence "switch-on" assay for glutathione detection by using carbon dots/MnO <sub>2</sub> nanocomposites. <i>Biosensors and Bioelectronics</i> , 2015, 72, 31-36.	5.3	302
174	PSS-GN nanocomposites as highly-efficient peroxidase mimics and their applications in colorimetric detection of glucose in serum. <i>RSC Advances</i> , 2015, 5, 90400-90407.	1.7	24
175	A highly selective and simple fluorescent sensor for mercury (II) ion detection based on cysteamine-capped CdTe quantum dots synthesized by the reflux method. <i>Luminescence</i> , 2015, 30, 465-471.	1.5	62
176	In situ simultaneous monitoring of ATP and GTP using a graphene oxide nanosheet-based sensing platform in living cells. <i>Nature Protocols</i> , 2014, 9, 1944-1955.	5.5	215
177	A let-7 binding site polymorphism rs712 in the KRAS 3' UTR is associated with an increased risk of gastric cancer. <i>Tumor Biology</i> , 2013, 34, 3159-3163.	0.8	41
178	Preparation of an antigen and development of a monoclonal antibody against mono-butyl phthalate (MBP). <i>Food and Agricultural Immunology</i> , 2013, 24, 193-202.	0.7	6
179	In Situ Live Cell Sensing of Multiple Nucleotides Exploiting DNA/RNA Aptamers and Graphene Oxide Nanosheets. <i>Analytical Chemistry</i> , 2013, 85, 6775-6782.	3.2	189
180	In Vitro Synergy of Biochanin A and Ciprofloxacin against Clinical Isolates of <i>Staphylococcus aureus</i> . <i>Molecules</i> , 2011, 16, 6656-6666.	1.7	30

#	ARTICLE	IF	CITATIONS
181	Aptamer/Graphene Oxide Nanocomplex for <i>in Situ</i> Molecular Probing in Living Cells. Journal of the American Chemical Society, 2010, 132, 9274-9276.	6.6	1,020
182	Rapid and Sensitive Detection of Protein Biomarker Using a Portable Fluorescence Biosensor Based on Quantum Dots and a Lateral Flow Test Strip. Analytical Chemistry, 2010, 82, 7008-7014.	3.2	383