

Li Zhang

List of Publications by Year in descending order

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31
papers

1,808
citations

279487

23
h-index

454577

30
g-index

31
all docs

31
docs citations

31
times ranked

2405
citing authors

#	ARTICLE	IF	CITATIONS
1	Boron-Doped Graphene Quantum Dots for Selective Glucose Sensing Based on the "Abnormal" Aggregation-Induced Photoluminescence Enhancement. <i>Analytical Chemistry</i> , 2014, 86, 4423-4430.	3.2	334
2	Using Graphene Quantum Dots as Photoluminescent Probes for Protein Kinase Sensing. <i>Analytical Chemistry</i> , 2013, 85, 9148-9155.	3.2	166
3	Graphene Quantum Dots Combined with Europium Ions as Photoluminescent Probes for Phosphate Sensing. <i>Chemistry - A European Journal</i> , 2013, 19, 3822-3826.	1.7	159
4	Highly Photoluminescent Molybdenum Oxide Quantum Dots: One-Pot Synthesis and Application in 2,4,6-Trinitrotoluene Determination. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 8184-8191.	4.0	115
5	Colorimetric Assay Conversion to Highly Sensitive Electrochemical Assay for Bimodal Detection of Arsenate Based on Cobalt Oxyhydroxide Nanozyme via Arsenate Absorption. <i>Analytical Chemistry</i> , 2019, 91, 6487-6497.	3.2	98
6	Facile and Green Approach to the Synthesis of Boron Nitride Quantum Dots for 2,4,6-Trinitrophenol Sensing. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 7315-7323.	4.0	88
7	Rational design of covalent organic frameworks as a groundbreaking uranium capture platform through three synergistic mechanisms. <i>Applied Catalysis B: Environmental</i> , 2021, 294, 120250.	10.8	77
8	Facile Construction of Covalent Organic Framework Nanozyme for Colorimetric Detection of Uranium. <i>Small</i> , 2021, 17, e2102944.	5.2	69
9	One-Pot Synthesis of Boron Carbon Nitride Nanosheets for Facile and Efficient Heavy Metal Ions Removal. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 11685-11694.	3.2	68
10	DNA-templated Ag nanoclusters as fluorescent probes for sensing and intracellular imaging of hydroxyl radicals. <i>Talanta</i> , 2014, 118, 339-347.	2.9	62
11	Graphene Quantum Dots Assembled with Metalloporphyrins for "Turn on" Sensing of Hydrogen Peroxide and Glucose. <i>Chemistry - A European Journal</i> , 2015, 21, 9343-9348.	1.7	54
12	Rapid Detection of Mercury Ions Based on Nitrogen-Doped Graphene Quantum Dots Accelerating Formation of Manganese Porphyrin. <i>ACS Sensors</i> , 2018, 3, 1040-1047.	4.0	54
13	Nitrogen-Doped Graphene Quantum Dots as a New Catalyst Accelerating the Coordination Reaction between Cadmium(II) and 5,10,15,20-Tetrakis(1-methyl-4-pyridinio)porphyrin for Cadmium(II) Sensing. <i>Analytical Chemistry</i> , 2015, 87, 10894-10901.	3.2	52
14	Construction of Two-Dimensional Fluorescent Covalent Organic Framework Nanosheets for the Detection and Removal of Nitrophenols. <i>Analytical Chemistry</i> , 2022, 94, 2517-2526.	3.2	43
15	Fluorescent carbon dots: facile synthesis at room temperature and its application for Fe ²⁺ sensing. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	0.8	38
16	Label-Free Colorimetric Detection of Arsenite Utilizing Ga/Ta-Rich Oligonucleotides and Unmodified Au Nanoparticles. <i>Chemistry - A European Journal</i> , 2013, 19, 5029-5033.	1.7	37
17	Highly photoluminescent MoO _x quantum dots: Facile synthesis and application in off-on Pi sensing in lake water samples. <i>Analytica Chimica Acta</i> , 2016, 906, 148-155.	2.6	36
18	New Off-On Sensor for Captopril Sensing Based on Photoluminescent MoO _x Quantum Dots. <i>ACS Omega</i> , 2017, 2, 1666-1671.	1.6	35

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19	Optical sensors for inorganic arsenic detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 869-879.	5.8	32
20	Construction of Dâ€‘A-Conjugated Covalent Organic Frameworks with Enhanced Photodynamic, Photothermal, and Nanozymatic Activities for Efficient Bacterial Inhibition. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 28289-28300.	4.0	32
21	Multimodal Assay of Arsenite Contamination in Environmental Samples with Improved Sensitivity through Stimuli-Response of Multiligands Modified Silver Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 6223-6232.	3.2	31
22	Covalent Organic Frameworks as Advanced Uranyl Electrochemiluminescence Monitoring Platforms. <i>Analytical Chemistry</i> , 2021, 93, 16149-16157.	3.2	29
23	Facile surface modification of mesoporous silica with heterocyclic silanes for efficiently removing arsenic. <i>Chinese Chemical Letters</i> , 2019, 30, 1133-1136.	4.8	24
24	A new copper mediated on-off assay for alkaline phosphatase detection based on MoOx quantum dots. <i>Microchemical Journal</i> , 2018, 141, 170-175.	2.3	18
25	CdSe/ZnS quantum dots coated with carboxy-PEG and modified with the terbium(III) complex of guanosine 5â€‘ ² -monophosphate as a fluorescent nanoprobe for ratiometric determination of arsenate via its inhibition of acid phosphatase activity. <i>Mikrochimica Acta</i> , 2019, 186, 45.	2.5	16
26	Visual detection of captopril based on the light activated oxidase-mimic activity of covalent organic framework. <i>Microchemical Journal</i> , 2022, 175, 107080.	2.3	14
27	Redox-Responsive Breakup of a Nucleic Acids@CoOOH Nanocomplex Triggering Cascade Recycling Amplification for Sensitive Sensing of Alkaline Phosphatase. <i>Analytical Chemistry</i> , 2022, 94, 6711-6718.	3.2	11
28	Fluorescent Molybdenum Oxide Quantum Dots and Hg^{II} Synergistically Accelerate Cobalt Porphyrin Formation: A New Strategy for Trace Hg^{II} Analysis. <i>ACS Applied Nano Materials</i> , 2018, 1, 1484-1491.	2.4	8
29	Peroxidaseâ€‘Mimetic and Fentonâ€‘Like Activities of Molybdenum Oxide Quantum Dots. <i>ChemistrySelect</i> , 2020, 5, 10149-10155.	0.7	6
30	Ultraâ€‘sensitive detection of UO ₂ ²⁺ based on dopamine functionalized MoO _x QDs. <i>Luminescence</i> , 2021, , .	1.5	2
31	Preparation and structure tuning of graphene quantum dots for optical applications in chemosensing, biosensing, and bioimaging. , 2022, , 41-77.		0