

Li Zhang

List of Publications by Citations

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27
papers

1,256
citations

18
h-index

31
g-index

31
ext. papers

1,514
ext. citations

7.3
avg, IF

4.73
L-index

#	Paper	IF	Citations
27	Boron-doped graphene quantum dots for selective glucose sensing based on the "abnormal" aggregation-induced photoluminescence enhancement. <i>Analytical Chemistry</i> , 2014 , 86, 4423-30	7.8	281
26	Using graphene quantum dots as photoluminescent probes for protein kinase sensing. <i>Analytical Chemistry</i> , 2013 , 85, 9148-55	7.8	148
25	Graphene quantum dots combined with europium ions as photoluminescent probes for phosphate sensing. <i>Chemistry - A European Journal</i> , 2013 , 19, 3822-6	4.8	144
24	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, 8184-91	9.5	94
23	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	7.8	64
22	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	9.5	64
21	DNA-templated Ag nanoclusters as fluorescent probes for sensing and intracellular imaging of hydroxyl radicals. <i>Talanta</i> , 2014 , 118, 339-47	6.2	52
20	Graphene Quantum Dots Assembled with Metalloporphyrins for "Turn on" Sensing of Hydrogen Peroxide and Glucose. <i>Chemistry - A European Journal</i> , 2015 , 21, 9343-8	4.8	45
19	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	8.3	44
18	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	9.2	40
17	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, 10894-901	7.8	37
16	Label-free colorimetric detection of arsenite utilizing G-/T-rich oligonucleotides and unmodified Au nanoparticles. <i>Chemistry - A European Journal</i> , 2013 , 19, 5029-33	4.8	33
15	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	6.6	31
14	New Off-On Sensor for Captopril Sensing Based on Photoluminescent MoO Quantum Dots. <i>ACS Omega</i> , 2017 , 2, 1666-1671	3.9	24
13	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	21.8	24
12	Fluorescent carbon dots: facile synthesis at room temperature and its application for Fe ²⁺ sensing. <i>Journal of Nanoparticle Research</i> , 2017 , 19, 1	2.3	22
11	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	8.3	20

10	Facile surface modification of mesoporous silica with heterocyclic silanes for efficiently removing arsenic. <i>Chinese Chemical Letters</i> , 2019 , 30, 1133-1136	8.1	18
9	Optical sensors for inorganic arsenic detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 118, 869-879	14.6	17
8	A new copper mediated on-off assay for alkaline phosphatase detection based on MoOx quantum dots. <i>Microchemical Journal</i> , 2018 , 141, 170-175	4.8	15
7	CdSe/ZnS quantum dots coated with carboxy-PEG and modified with the terbium(III) complex of guanosine 5' monophosphate as a fluorescent nanoprobe for ratiometric determination of arsenate via its inhibition of acid phosphatase activity. <i>Mikrochimica Acta</i> , 2019 , 186, 45	5.8	11
6	Facile Construction of Covalent Organic Framework Nanozyme for Colorimetric Detection of Uranium. <i>Small</i> , 2021 , 17, e2102944	11	10
5	Fluorescent Molybdenum Oxide Quantum Dots and HgII Synergistically Accelerate Cobalt Porphyrin Formation: A New Strategy for Trace HgII Analysis. <i>ACS Applied Nano Materials</i> , 2018 , 1, 1484-1491	5.6	6
4	Covalent Organic Frameworks as Advanced Uranyl Electrochemiluminescence Monitoring Platforms. <i>Analytical Chemistry</i> , 2021 , 93, 16149-16157	7.8	5
3	Peroxidase-Mimetic and Fenton-Like Activities of Molybdenum Oxide Quantum Dots. <i>ChemistrySelect</i> , 2020 , 5, 10149-10155	1.8	2
2	Visual detection of captopril based on the light activated oxidase-mimic activity of covalent organic framework. <i>Microchemical Journal</i> , 2022 , 175, 107080	4.8	1
1	Preparation and structure tuning of graphene quantum dots for optical applications in chemosensing, biosensing, and bioimaging 2022 , 41-77		