

Zhongde Liu

List of Publications by Year in descending order

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papers

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1040056

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#	ARTICLE	IF	CITATIONS
1	Optically active red-emitting Cu nanoclusters originating from complexation and redox reaction between copper(II) and d-penicillamine. <i>Nanoscale</i> , 2016, 8, 9764-9770.	5.6	55
2	Optically Active Ultrafine Au-Ag Alloy Nanoparticles Used for Colorimetric Chiral Recognition and Circular Dichroism Sensing of Enantiomers. <i>Analytical Chemistry</i> , 2017, 89, 9781-9787.	6.5	54
3	Point-of-Care Testing of Pathogenic Bacteria at the Single-Colony Level via Gas Pressure Readout Using Aptamer-Coated Magnetic CuFe ₂ O ₄ and Vancomycin-Capped Platinum Nanoparticles. <i>Analytical Chemistry</i> , 2019, 91, 1494-1500.	6.5	45
4	A photoluminescence "switch-on" nanosensor composed of nitrogen and sulphur co-doped carbon dots and gold nanoparticles for discriminative detection of glutathione. <i>Analyst</i> , 2018, 143, 2083-2089.	3.5	28
5	Optically active blue-emitting carbon dots to specifically target the Golgi apparatus. <i>RSC Advances</i> , 2017, 7, 49931-49936.	3.6	25
6	Histidine-mediated synthesis of chiral fluorescence gold nanoclusters: insight into the origin of nanoscale chirality. <i>RSC Advances</i> , 2015, 5, 61449-61454.	3.6	20
7	A universal strategy to obtain chiroptical carbon quantum dots through the optically active surface passivation procedure. <i>New Journal of Chemistry</i> , 2019, 43, 13735-13740.	2.8	15
8	Optically Active Au-Cu Bimetallic Nanoclusters: Insights into the Alloying Effect on the Chiroptical Behavior. <i>Journal of Physical Chemistry C</i> , 2018, 122, 11152-11158.	3.1	11
9	pH-Dependent photoluminescence "switch-on" nanosensors composed of silver nanoparticles and nitrogen and sulphur co-doped carbon dots for discriminative detection of biothiols. <i>Analyst</i> , 2019, 144, 7057-7063.	3.5	10
10	Facile synthesis of highly luminescent rod-like terbium-based metal-organic frameworks for sensitive detection of olaquinox. <i>Analytical Methods</i> , 2021, 13, 3785-3791.	2.7	5
11	A gas pressure and colorimetric signal dual-mode strategy for sensitive detection of spermine using ssDNA-coated Au@Pt nanoparticles as the probe. <i>Analyst</i> , 2020, 145, 7673-7679.	3.5	4
12	Porphyry-loaded liposomes and graphene oxide used for the membrane pore-forming protein assay and inhibitor screening. <i>Analyst</i> , 2015, 140, 5495-5500.	3.5	2
13	Point-of-care testing of melamine via gas pressure readout using polythymine-coated Au@Pt nanoparticles through specific triple hydrogen-bonding recognition. <i>Analyst</i> , 2021, 146, 5898-5903.	3.5	1
14	A cost-effective and rapid quantitative test of polymyxin B sulphate with a simple and portable pressure meter readout. <i>Analytical Methods</i> , 2020, 12, 3484-3489.	2.7	0