

Bianhua Liu

List of Publications by Year in descending order

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20
papers

2,196
citations

567281

15
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

3651
citing authors

#	ARTICLE	IF	CITATIONS
1	Shell Thickness-Dependent Raman Enhancement for Rapid Identification and Detection of Pesticide Residues at Fruit Peels. <i>Analytical Chemistry</i> , 2012, 84, 255-261.	6.5	399
2	Amine-Capped ZnS:Mn ²⁺ Nanocrystals for Fluorescence Detection of Trace TNT Explosive. <i>Analytical Chemistry</i> , 2008, 80, 3458-3465.	6.5	346
3	Highly efficient photoluminescent graphene oxide with tunable surface properties. <i>Chemical Communications</i> , 2010, 46, 7319.	4.1	326
4	Real-Time Discrimination and Versatile Profiling of Spontaneous Reactive Oxygen Species in Living Organisms with a Single Fluorescent Probe. <i>Journal of the American Chemical Society</i> , 2016, 138, 3769-3778.	13.7	253
5	White-Light Emission from an Integrated Upconversion Nanostructure: Toward Multicolor Displays Modulated by Laser Power. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11531-11535.	13.8	163
6	Color-Multiplexing-Based Fluorescent Test Paper: Dosage-Sensitive Visualization of Arsenic(III) with Discernable Scale as Low as 5 ppb. <i>Analytical Chemistry</i> , 2016, 88, 6105-6109.	6.5	145
7	Selective Fluorescence Turn-On and Ratiometric Detection of Organophosphate Using Dual-Emitting Mn-Doped ZnS Nanocrystal Probe. <i>Analytical Chemistry</i> , 2014, 86, 11727-11733.	6.5	115
8	Microwave-assisted synthesis of cyclen functional carbon dots to construct a ratiometric fluorescent probe for tetracycline detection. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9636-9641.	5.5	107
9	Ratiometric fluorescence detection of mercuric ion based on the nanohybrid of fluorescence carbon dots and quantum dots. <i>Analytica Chimica Acta</i> , 2013, 786, 146-152.	5.4	106
10	Gasotransmitter Regulation of Phosphatase Activity in Live Cells Studied by Three-Channel Imaging Correlation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2261-2265.	13.8	50
11	A Multi-Responsive Fluorescent Probe Reveals Mitochondrial Nucleoprotein Dynamics with Reactive Oxygen Species Regulation through Super-Resolution Imaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16154-16160.	13.8	48
12	Dual-Mode Optical Nanosensor Based on Gold Nanoparticles and Carbon Dots for Visible Detection of As(III) in Water. <i>ACS Applied Nano Materials</i> , 2020, 3, 8224-8231.	5.0	33
13	Selective phosphorescence sensing of pesticide based on the inhibition of silver(I) quenched ZnS:Mn ²⁺ quantum dots. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 1083-1088.	7.8	31
14	A facile stage for Cu ²⁺ ions detection by formation and aggregation of Cu nanoclusters. <i>Microchemical Journal</i> , 2019, 145, 517-522.	4.5	25
15	Visualization of exhaled hydrogen sulphide on test paper with an ultrasensitive and time-gated luminescent probe. <i>Analyst</i> , 2016, 141, 4919-4925.	3.5	18
16	One-step synthesized amphiphilic carbon dots for the super-resolution imaging of endoplasmic reticulum in live cells. <i>RSC Advances</i> , 2022, 12, 19424-19430.	3.6	10
17	Recovery Mechanism of Endoplasmic Reticulum Revealed by Fluorescence Lifetime Imaging in Live Cells. <i>Analytical Chemistry</i> , 2022, 94, 5173-5180.	6.5	7
18	Revealing Sulfur Dioxide Regulation to Nucleophagy in Embryo Development by an Adaptive Coloration Probe. <i>Analytical Chemistry</i> , 2021, 93, 13667-13672.	6.5	6

#	ARTICLE	IF	CITATIONS
19	Revealing the signaling regulation of hydrogen peroxide to cell pyroptosis using a ratiometric fluorescent probe in living cells. <i>Chemical Communications</i> , 2021, 57, 6628-6631.	4.1	6
20	Graphene oxide composite membrane accelerates organic pollutant degradation by <i>Shewanella</i> bacteria. <i>Water Science and Technology</i> , 2021, 84, 1037-1047.	2.5	2