Bianhua Liu

List of Publications by Year
in descending order

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		567281	752698
20	2,196	15	20
papers	citations	h-index	g-index

20	20	20	3651
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recovery Mechanism of Endoplasmic Reticulum Revealed by Fluorescence Lifetime Imaging in Live Cells. Analytical Chemistry, 2022, 94, 5173-5180.	6.5	7
2	One-step synthesized amphiphilic carbon dots for the super-resolution imaging of endoplasmic reticulum in live cells. RSC Advances, 2022, 12, 19424-19430.	3.6	10
3	Graphene oxide composite membrane accelerates organic pollutant degradation by Shewanella bacteria. Water Science and Technology, 2021, 84, 1037-1047.	2.5	2
4	Revealing Sulfur Dioxide Regulation to Nucleophagy in Embryo Development by an Adaptive Coloration Probe. Analytical Chemistry, 2021, 93, 13667-13672.	6.5	6
5	Revealing the signaling regulation of hydrogen peroxide to cell pyroptosis using a ratiometric fluorescent probe in living cells. Chemical Communications, 2021, 57, 6628-6631.	4.1	6
6	Dual-Mode Optical Nanosensor Based on Gold Nanoparticles and Carbon Dots for Visible Detection of As(III) in Water. ACS Applied Nano Materials, 2020, 3, 8224-8231.	5.0	33
7	A Multiâ€responsive Fluorescent Probe Reveals Mitochondrial Nucleoprotein Dynamics with Reactive Oxygen Species Regulation through Superâ€resolution Imaging. Angewandte Chemie - International Edition, 2020, 59, 16154-16160.	13.8	48
8	Gasotransmitter Regulation of Phosphatase Activity in Live Cells Studied by Threeâ€Channel Imaging Correlation. Angewandte Chemie - International Edition, 2019, 58, 2261-2265.	13.8	50
9	A facile stage for Cu2+ ions detection by formation and aggregation of Cu nanoclusters. Microchemical Journal, 2019, 145, 517-522.	4.5	25
10	Microwave-assisted synthesis of cyclen functional carbon dots to construct a ratiometric fluorescent probe for tetracycline detection. Journal of Materials Chemistry C, 2018, 6, 9636-9641.	5.5	107
11	Selective phosphorescence sensing of pesticide based on the inhibition of silver(I) quenched ZnS:Mn2+ quantum dots. Sensors and Actuators B: Chemical, 2017, 252, 1083-1088.	7.8	31
12	Color-Multiplexing-Based Fluorescent Test Paper: Dosage-Sensitive Visualization of Arsenic(III) with Discernable Scale as Low as 5 ppb. Analytical Chemistry, 2016, 88, 6105-6109.	6.5	145
13	Visualization of exhaled hydrogen sulphide on test paper with an ultrasensitive and time-gated luminescent probe. Analyst, The, 2016, 141, 4919-4925.	3.5	18
14	Real-Time Discrimination and Versatile Profiling of Spontaneous Reactive Oxygen Species in Living Organisms with a Single Fluorescent Probe. Journal of the American Chemical Society, 2016, 138, 3769-3778.	13.7	253
15	Whiteâ€Light Emission from an Integrated Upconversion Nanostructure: Toward Multicolor Displays Modulated by Laser Power. Angewandte Chemie - International Edition, 2015, 54, 11531-11535.	13.8	163
16	Selective Fluorescence Turn-On and Ratiometric Detection of Organophosphate Using Dual-Emitting Mn-Doped ZnS Nanocrystal Probe. Analytical Chemistry, 2014, 86, 11727-11733.	6.5	115
17	Ratiometric fluorescence detection of mercuric ion based on the nanohybrid of fluorescence carbon dots and quantum dots. Analytica Chimica Acta, 2013, 786, 146-152.	5.4	106
18	Shell Thickness-Dependent Raman Enhancement for Rapid Identification and Detection of Pesticide Residues at Fruit Peels. Analytical Chemistry, 2012, 84, 255-261.	6.5	399

#	Article	IF	Citations
19	Highly efficient photoluminescent graphene oxide with tunable surface properties. Chemical Communications, 2010, 46, 7319.	4.1	326
20	Amine-Capped ZnSâ˜Mn²⁺ Nanocrystals for Fluorescence Detection of Trace TNT Explosive. Analytical Chemistry, 2008, 80, 3458-3465.	6.5	346