Quanping Diao

List of Publications by Year
in descending order

14 papers	282 citations	1040056 9 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	404 citing authors

#	Article	IF	Citations
1	A sensitive fluorescent probe for Cu2+ based on rhodamine B derivatives and its application to drinking water examination and living cells imaging. Sensors and Actuators B: Chemical, 2016, 225, 579-585.	7.8	77
2	Selective and sensitive SERS sensor for detection of Hg²⁺ in environmental water base on rhodamine-bonded and amino group functionalized SiO₂-coated Auâ€“Ag coreâ€“shell nanorods. RSC Advances, 2015, 5, 32168-32174.	3.6	41
3	A novel ratiometric fluorescent probe for selective detection and imaging of H2S. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 246, 118959.	3.9	29
4	A novel fluorescent probe for Cr3+ based on rhodamineâ€“crown ether conjugate and its application to drinking water examination and bioimaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 156, 15-21.	3.9	22
5	Hydrothermal synthesis of N-doped carbon dots for selective fluorescent sensing and cellular imaging of cobalt(II). Mikrochimica Acta, 2017, 184, 3825-3831.	5.0	22
6	A rhodamine-6G-based â€œturn-onâ€•fluorescent probe for selective detection of Fe³⁺ in living cells. Analytical Methods, 2019, 11, 794-799.	2.7	22
7	Design of a Nile red-based NIR fluorescent probe for the detection of hydrogen peroxide in living cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 223, 117284.	3.9	19
8	A highly selective and sensitive rhodamine-derived fluorescent probe for detection of Cu 2+. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 179, 221-226.	3.9	12
9	Synthesis and application of thiolâ€functionalized magnetic nanoparticles for studying interactions of epirubicin hydrochloride with bovine serum albumin by fluorescence spectrometry. Luminescence, 2017, 32, 142-148.	2.9	10
10	FeCl3Â·6H2O-Catalyzed Tandem Alkylationâ€“Hydrolysis Reaction of Chain Î±-Oxo Ketene Dithioacetals with Alcohols: Efficient ÃSynthesis of Î±-Alkylated Î²-Oxo Thioesters. Synlett, 2017, 28, 1828-1834.	1.8	10
11	Vilsmeier cyclization of Î±-acetyl-Î±-aroyl ketene-N,S-acetals: direct and efficient synthesis of halogenated pyridin-2(1H)-ones. RSC Advances, 2015, 5, 11293-11296.	3.6	9
12	FeCl3Â·6H2O-catalyzed synthesis of Î²-ketothioesters from chain Î±-oxo ketene dithioactals. Chemical Research in Chinese Universities, 2017, 33, 746-752.	2.6	7
13	Efficient One-Pot Synthesis of Î±-Alkylated Î²-Ketothioesters from H2SO4- Catalyzed Tandem Alkylation/Hydrolysis Reaction of Acyclic Î±-Oxo Ketene Dithioacetals with Alcohols. Letters in Organic Chemistry, 2018, 15, 905-908.	0.5	1
14	A mitochondria-targeted rhodol fluorescent probe for imaging of hydrogen peroxide in living cells. Analytical Methods, 2022, 14, 2117-2122.	2.7	1