

Quanping Diao

List of Publications by Year in descending order

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