

# Junchao Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5445976/publications.pdf>

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14  
papers

1,135  
citations

706676

14  
h-index

1181555

14  
g-index

14  
all docs

14  
docs citations

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times ranked

1238  
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vivo Imaging of Endogenously Produced HClO in Zebrafish and Mice Using a Bright, Photostable Ratiometric Fluorescent Probe. <i>Analytical Chemistry</i> , 2019, 91, 4172-4178.	3.2	248
2	A new fluorescent chemodosimeter for ultra-sensitive determination of toxic thiophenols in environmental water samples and cancer cells. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 21-29.	4.0	45
3	A novel colorimetric and ratiometric fluorescent probe for visualizing SO <sub>2</sub> derivatives in environment and living cells. <i>Talanta</i> , 2018, 176, 389-396.	2.9	71
4	Recent progress in Michael addition-based fluorescent probes for sulfur dioxide and its derivatives. <i>Chinese Chemical Letters</i> , 2018, 29, 1456-1464.	4.8	68
5	A family of multi-color anthracene carboxyimides: Synthesis, spectroscopic properties, solvatochromic fluorescence and bio-imaging application. <i>Dyes and Pigments</i> , 2017, 139, 166-173.	2.0	32
6	Ultrasensitive near-infrared fluorescence-enhanced probe for discriminative detection of GSH and Cys from different emission channels. <i>Sensors and Actuators B: Chemical</i> , 2017, 238, 58-65.	4.0	83
7	A simple naphthalene-based fluorescent probe for high selective detection of formaldehyde in toffees and HeLa cells via aza-Cope reaction. <i>Talanta</i> , 2016, 160, 645-652.	2.9	72
8	A mitochondria-targeted near-infrared probe for colorimetric and ratiometric fluorescence detection of hypochlorite in living cells. <i>RSC Advances</i> , 2016, 6, 107525-107532.	1.7	38
9	A novel fluorescent probe for rapid and sensitive detection of hydrogen sulfide in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 168, 132-138.	2.0	22
10	A colorimetric and ratiometric fluorescent probe for the rapid and sensitive detection of sulfite in sugar. <i>Analytical Methods</i> , 2016, 8, 1572-1576.	1.3	29
11	A mitochondria-targeted ratiometric fluorescent probe for rapid, sensitive and specific detection of biological SO <sub>2</sub> derivatives in living cells. <i>Biosensors and Bioelectronics</i> , 2016, 77, 725-732.	5.3	244
12	A smart fluorescent probe for simultaneous detection of GSH and Cys in human plasma and cells. <i>RSC Advances</i> , 2015, 5, 97781-97787.	1.7	32
13	A twisted intramolecular charge transfer probe for rapid and specific detection of trace biological SO <sub>2</sub> derivatives and bio-imaging applications. <i>Chemical Communications</i> , 2015, 51, 1154-1156.	2.2	128
14	meso-C6F5 substituted BODIPYs with distinctive spectroscopic properties and their application for bioimaging in living cells. <i>Tetrahedron</i> , 2014, 70, 5800-5805.	1.0	23