

# Yaru Sun

## List of Publications by Year in descending order

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9  
papers

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docs citations

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168  
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#	ARTICLE	IF	CITATIONS
1	Mitochondria-targeted and FRET-based fluorescent probe for the imaging of endogenous SO <sub>2</sub> in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 265, 120397.	3.9	8
2	Revealing the Phase Separation in ER Membranes of Living Cells and Tissues by <i>In Situ</i> NIR Ratiometric Imaging. <i>Analytical Chemistry</i> , 2022, 94, 2844-2854.	6.5	4
3	Endoplasmic reticulum-specific fluorescent probe for the two-photon imaging of endogenous superoxide anion (O <sub>2</sub> <sup>•-</sup> ) in live cells and zebrafishes. <i>Talanta</i> , 2021, 225, 122020.	5.5	13
4	The development of an endoplasmic reticulum-targeting fluorescent probe for the imaging of 1,4-dithiothreitol (DTT) in living cells. <i>Analytical Methods</i> , 2021, 13, 2204-2208.	2.7	14
5	Revealing the Viscosity Changes in Lipid Droplets during Ferroptosis by the Real-Time and <i>In Situ</i> Near-Infrared Imaging. <i>ACS Sensors</i> , 2021, 6, 22-26.	7.8	94
6	A dual-site controlled fluorescent sensor for the facile and fast detection of H <sub>2</sub> O in D <sub>2</sub> O by two turn-on emission signals. <i>Chemical Communications</i> , 2020, 56, 1191-1194.	4.1	27
7	A sensitive and selective fluorescent probe for the detection of endogenous peroxynitrite (ONOO <sup>•</sup> ) in living cells. <i>Analytical Methods</i> , 2020, 12, 2841-2845.	2.7	12
8	An ESIPT-based ratiometric fluorescent probe for the discrimination of live and dead cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 240, 118588.	3.9	9
9	A mitochondria-targeting ratiometric fluorescent probe for the detection of sulfur dioxide in living cells. <i>New Journal of Chemistry</i> , 2020, 44, 11988-11992.	2.8	7