

Xiqian Jiang

List of Publications by Year in descending order

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15
papers

806
citations

1040056

9
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888059

17
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18
all docs

18
docs citations

18
times ranked

1353
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative real-time imaging of glutathione. <i>Nature Communications</i> , 2017, 8, 16087.	12.8	192
2	Quantitative Imaging of Glutathione in Live Cells Using a Reversible Reaction-Based Ratiometric Fluorescent Probe. <i>ACS Chemical Biology</i> , 2015, 10, 864-874.	3.4	164
3	Transcriptional profiling and therapeutic targeting of oxidative stress in neuroinflammation. <i>Nature Immunology</i> , 2020, 21, 513-524.	14.5	118
4	Reversible Reaction-Based Fluorescent Probe for Real-Time Imaging of Glutathione Dynamics in Mitochondria. <i>ACS Sensors</i> , 2017, 2, 1257-1261.	7.8	103
5	Theoretical and Experimental Investigation of Thermodynamics and Kinetics of Thiol-Michael Addition Reactions: A Case Study of Reversible Fluorescent Probes for Glutathione Imaging in Single Cells. <i>Organic Letters</i> , 2015, 17, 5978-5981.	4.6	67
6	Challenges and Opportunities for Small-Molecule Fluorescent Probes in Redox Biology Applications. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 518-540.	5.4	56
7	Quantitative Real-Time Imaging of Glutathione with Subcellular Resolution. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 1900-1910.	5.4	26
8	Genetically anchored fluorescent probes for subcellular specific imaging of hydrogen sulfide. <i>Analyst</i> , 2016, 141, 1209-1213.	3.5	20
9	Cardiac-specific ablation of glutaredoxin 3 leads to cardiac hypertrophy and heart failure. <i>Physiological Reports</i> , 2019, 7, e14071.	1.7	15
10	Loss of glutaredoxin 3 impedes mammary lobuloalveolar development during pregnancy and lactation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 312, E136-E149.	3.5	9
11	Sophoricoside is a selective LXR^2 antagonist with potent therapeutic effects on hepatic steatosis of mice. <i>Phytotherapy Research</i> , 2020, 34, 3168-3179.	5.8	9
12	Sulfur mustard resistant keratinocytes obtained elevated glutathione levels and other changes in the antioxidative defense mechanism. <i>Toxicology Letters</i> , 2018, 293, 51-61.	0.8	8
13	Reply to "Pitfalls in the quantitative imaging of glutathione in living cells". <i>Nature Communications</i> , 2018, 9, 1589.	12.8	3
14	Glutathione Quantification in Live Cells with Real-Time Imaging and Flow Cytometry. <i>STAR Protocols</i> , 2020, 1, 100170.	1.2	3
15	Fluorescent Probes and Mass Spectrometry-Based Methods to Quantify Thiols in Biological Systems. <i>Antioxidants and Redox Signaling</i> , 2022, 36, 354-365.	5.4	3