

Shang Jia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/615350/publications.pdf>

Version: 2024-02-01

21
papers

1,931
citations

430754

18
h-index

713332

21
g-index

22
all docs

22
docs citations

22
times ranked

2599
citing authors

#	ARTICLE	IF	CITATIONS
1	Palladium-triggered deprotection chemistry for protein activation in living cells. <i>Nature Chemistry</i> , 2014, 6, 352-361.	6.6	353
2	Redox-based reagents for chemoselective methionine bioconjugation. <i>Science</i> , 2017, 355, 597-602.	6.0	353
3	Diels-Alder reaction-triggered bioorthogonal protein decaging in living cells. <i>Nature Chemical Biology</i> , 2014, 10, 1003-1005.	3.9	204
4	Copper regulates cyclic-AMP-dependent lipolysis. <i>Nature Chemical Biology</i> , 2016, 12, 586-592.	3.9	149
5	Ligand-Free Palladium-Mediated Site-Specific Protein Labeling Inside Gram-Negative Bacterial Pathogens. <i>Journal of the American Chemical Society</i> , 2013, 135, 7330-7338.	6.6	144
6	Inflammation mobilizes copper metabolism to promote colon tumorigenesis via an IL-17-STEAP4-XIAP axis. <i>Nature Communications</i> , 2020, 11, 900.	5.8	108
7	Bioinspired Thiophosphorodichloridate Reagents for Chemoselective Histidine Bioconjugation. <i>Journal of the American Chemical Society</i> , 2019, 141, 7294-7301.	6.6	102
8	Copper regulates rest-activity cycles through the locus coeruleus-norepinephrine system. <i>Nature Chemical Biology</i> , 2018, 14, 655-663.	3.9	93
9	Amidation, Esterification, and Thioesterification of a Carboxyl-Functionalized Covalent Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2023-2027.	7.2	66
10	A Physical Organic Approach to Tuning Reagents for Selective and Stable Methionine Bioconjugation. <i>Journal of the American Chemical Society</i> , 2019, 141, 12657-12662.	6.6	56
11	Establishing design principles for emissive organic SWIR chromophores from energy gap laws. <i>CheM</i> , 2021, 7, 3359-3376.	5.8	48
12	Inorganic Chemistry Approaches to Activity-Based Sensing: From Metal Sensors to Bioorthogonal Metal Chemistry. <i>Inorganic Chemistry</i> , 2019, 58, 13546-13560.	1.9	46
13	A Modular Ionophore Platform for Liver-Directed Copper Supplementation in Cells and Animals. <i>Journal of the American Chemical Society</i> , 2018, 140, 13764-13774.	6.6	40
14	Single cell analysis reveals multiple requirements for zinc in the mammalian cell cycle. <i>ELife</i> , 2020, 9, .	2.8	37
15	The Intestinal Copper Exporter CUA-1 Is Required for Systemic Copper Homeostasis in <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> , 2017, 292, 1-14.	1.6	31
16	Tuning the Color Palette of Fluorescent Copper Sensors through Systematic Heteroatom Substitution at Rhodol Cores. <i>ACS Chemical Biology</i> , 2018, 13, 1844-1852.	1.6	29
17	Spatiotemporal Control of Biology: Synthetic Photochemistry Toolbox with Far-Red and Near-Infrared Light. <i>ACS Chemical Biology</i> , 2022, 17, 3255-3269.	1.6	28
18	Amidation, Esterification, and Thioesterification of a Carboxyl-Functionalized Covalent Organic Framework. <i>Angewandte Chemie</i> , 2020, 132, 2039-2043.	1.6	22

#	ARTICLE	IF	CITATIONS
19	Lysosomal SLC46A3 modulates hepatic cytosolic copper homeostasis. Nature Communications, 2021, 12, 290.	5.8	19
20	The ionophore thiomaltol induces rapid lysosomal accumulation of copper and apoptosis in melanoma. Metallomics, 2022, 14, .	1.0	2
21	A microtubule-localizing activity-based sensing fluorescent probe for imaging hydrogen peroxide in living cells. Bioorganic and Medicinal Chemistry Letters, 2021, 48, 128252.	1.0	1