

# 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	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
2	The ionophore thiomaltol induces rapid lysosomal accumulation of copper and apoptosis in melanoma. <i>Metallomics</i> , 2022, 14, .	1.0	2
3	Establishing design principles for emissive organic SWIR chromophores from energy gap laws. <i>CheM</i> , 2021, 7, 3359-3376.	5.8	48
4	A microtubule-localizing activity-based sensing fluorescent probe for imaging hydrogen peroxide in living cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 48, 128252.	1.0	1
5	Lysosomal SLC46A3 modulates hepatic cytosolic copper homeostasis. <i>Nature Communications</i> , 2021, 12, 290.	5.8	19
6	Amidation, Esterification, and Thioesterification of a Carboxylâ€Functionalized Covalent Organic Framework. <i>Angewandte Chemie</i> , 2020, 132, 2039-2043.	1.6	22
7	Amidation, Esterification, and Thioesterification of a Carboxylâ€Functionalized Covalent Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2023-2027.	7.2	66
8	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
9	Single cell analysis reveals multiple requirements for zinc in the mammalian cell cycle. <i>ELife</i> , 2020, 9, .	2.8	37
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	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
12	Bioinspired Thiophosphorodichloridate Reagents for Chemoselective Histidine Bioconjugation. <i>Journal of the American Chemical Society</i> , 2019, 141, 7294-7301.	6.6	102
13	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
14	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
15	Copper regulates rest-activity cycles through the locus coeruleus-norepinephrine system. <i>Nature Chemical Biology</i> , 2018, 14, 655-663.	3.9	93
16	Redox-based reagents for chemoselective methionine bioconjugation. <i>Science</i> , 2017, 355, 597-602.	6.0	353
17	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
18	Copper regulates cyclic-AMP-dependent lipolysis. <i>Nature Chemical Biology</i> , 2016, 12, 586-592.	3.9	149

#	ARTICLE	IF	CITATIONS
19	Palladium-triggered deprotection chemistry for protein activation in living cells. <i>Nature Chemistry</i> , 2014, 6, 352-361.	6.6	353
20	Diels-Alder reaction-triggered bioorthogonal protein decaging in living cells. <i>Nature Chemical Biology</i> , 2014, 10, 1003-1005.	3.9	204
21	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