

Ran Xie

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

974
citations

687363

13
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1258
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell-Selective Metabolic Glycan Labeling Based on Ligand-Targeted Liposomes. <i>Journal of the American Chemical Society</i> , 2012, 134, 9914-9917.	13.7	139
2	In vivo metabolic labeling of sialoglycans in the mouse brain by using a liposome-assisted bioorthogonal reporter strategy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5173-5178.	7.1	122
3	Lipopolysaccharide is transported to the cell surface by a membrane-to-membrane protein bridge. <i>Science</i> , 2018, 359, 798-801.	12.6	120
4	Bioorthogonal Chemical Activation of Kinases in Living Systems. <i>ACS Central Science</i> , 2016, 2, 325-331.	11.3	112
5	Metabolic Remodeling of Cell Surface Sialic Acids: Principles, Applications, and Recent Advances. <i>ChemBioChem</i> , 2016, 17, 11-27.	2.6	100
6	Golgi apparatus-targeted aggregation-induced emission luminogens for effective cancer photodynamic therapy. <i>Nature Communications</i> , 2022, 13, 2179.	12.8	83
7	Targeted Imaging and Proteomic Analysis of Tumor-Associated Glycans in Living Animals. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14082-14086.	13.8	71
8	Carbon nanotube-assisted optical activation of TGF- β 2 signalling by near-infrared light. <i>Nature Nanotechnology</i> , 2015, 10, 465-471.	31.5	57
9	Mechanistic Investigation and Multiplexing of Liposome-Assisted Metabolic Glycan Labeling. <i>Journal of the American Chemical Society</i> , 2018, 140, 3592-3602.	13.7	48
10	Cell-selective metabolic labeling of biomolecules with bioorthogonal functionalities. <i>Current Opinion in Chemical Biology</i> , 2013, 17, 747-752.	6.1	46
11	A Fluorescent Probe Distinguishes between Inhibition of Early and Late Steps of Lipopolysaccharide Biogenesis in Whole Cells. <i>ACS Chemical Biology</i> , 2017, 12, 928-932.	3.4	22
12	Outer Membrane Translocon Communicates with Inner Membrane ATPase To Stop Lipopolysaccharide Transport. <i>Journal of the American Chemical Society</i> , 2018, 140, 12691-12694.	13.7	20
13	Liposome-Assisted Metabolic Glycan Labeling With Cell and Tissue Selectivity. <i>Methods in Enzymology</i> , 2018, 598, 321-353.	1.0	7
14	Macrocyclization of bioactive peptides with internal thiazole motifs <i>via</i> palladium-catalyzed C-H olefination. <i>Chemical Communications</i> , 2022, 58, 4861-4864.	4.1	7
15	A light-initiated chemical reporter strategy for spatiotemporal labeling of biomolecules. <i>RSC Chemical Biology</i> , 2022, 3, 539-545.	4.1	5
16	Glycoenzyme Tool Development: Principles, Screening Methods, and Recent Advances. <i>Chinese Journal of Chemistry</i> , 2022, 40, 746-758.	4.9	2