Ran Xie

List of Publications by Year
in descending order

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