

Xianbin Meng

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

496
citations

840776

11
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

764
citing authors

#	ARTICLE	IF	CITATIONS
1	The Mevalonate Pathway Is a Druggable Target for Vaccine Adjuvant Discovery. <i>Cell</i> , 2018, 175, 1059-1073.e21.	28.9	148
2	Cysteine-Aminoethylation-Assisted Chemical Ubiquitination of Recombinant Histones. <i>Journal of the American Chemical Society</i> , 2019, 141, 3654-3663.	13.7	62
3	The structural basis of function and regulation of neuronal cotransporters NKCC1 and KCC2. <i>Communications Biology</i> , 2021, 4, 226.	4.4	48
4	Chemical Synthesis of Activity-Based E2-Ubiquitin Probes for the Structural Analysis of E3 Ligase-Catalyzed Transthiolation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17171-17177.	13.8	46
5	A Type I-F Anti-CRISPR Protein Inhibits the CRISPR-Cas Surveillance Complex by ADP-Ribosylation. <i>Molecular Cell</i> , 2020, 80, 512-524.e5.	9.7	33
6	SLC22A14 is a mitochondrial riboflavin transporter required for sperm oxidative phosphorylation and male fertility. <i>Cell Reports</i> , 2021, 35, 109025.	6.4	31
7	Proteomic Profiling of Brain and Testis Reveals the Diverse Changes in Ribosomal Proteins in <i>fmr1</i> Knockout Mice. <i>Neuroscience</i> , 2018, 371, 469-483.	2.3	25
8	Discovery and characterization of a novel C-terminal peptide carboxyl methyltransferase in a lassomycin-like lasso peptide biosynthetic pathway. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 2649-2664.	3.6	21
9	Induced TRIM21 ISGylation by IFN- β enhances p62 ubiquitination to prevent its autophagosome targeting. <i>Cell Death and Disease</i> , 2021, 12, 697.	6.3	15
10	Photocaging of Activity-Based Ubiquitin Probes via a C-Terminal Backbone Modification Strategy. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	14
11	Functional vulnerability of liver macrophages to capsules defines virulence of blood-borne bacteria. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	13
12	GATA3 acetylation at K119 by CBP inhibits cell migration and invasion in lung adenocarcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 633-638.	2.1	12
13	LATS1 K751 acetylation blocks activation of Hippo signalling and switches LATS1 from a tumor suppressor to an oncoprotein. <i>Science China Life Sciences</i> , 2022, 65, 129-141.	4.9	10
14	HspX promotes the polar localization of mycobacterial protein aggregates. <i>Scientific Reports</i> , 2019, 9, 14571.	3.3	6
15	Chemical Synthesis of Activity-Based E2-Ubiquitin Probes for the Structural Analysis of E3 Ligase-Catalyzed Transthiolation. <i>Angewandte Chemie</i> , 2021, 133, 17308-17314.	2.0	5
16	Photocaging of Activity-Based Ubiquitin Probes via a C-Terminal Backbone Modification Strategy. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	4
17	Quantitative protein profiling and pathway analysis of spinal arteriovenous malformations. <i>Microvascular Research</i> , 2018, 120, 47-54.	2.5	3