Yuxin Mao

List of Publications by Year
in descending order

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Version: 2024-02-01

32 papers	2,183 citations	361413 20 h-index	501196 28 g-index
40 all docs	40 docs citations	40 times ranked	2639 citing authors

#	Article	IF	Citations
1	Osh Proteins Regulate Phosphoinositide Metabolism at ER-Plasma Membrane Contact Sites. Cell, 2011, 144, 389-401.	28.9	442
2	A Role of the Lowe Syndrome Protein OCRL in Early Steps of the Endocytic Pathway. Developmental Cell, 2007, 13, 377-390.	7.0	258
3	Crystal Structure of the VHS and FYVE Tandem Domains of Hrs, a Protein Involved in Membrane Trafficking and Signal Transduction. Cell, 2000, 100, 447-456.	28.9	175
4	Structural basis for activation, assembly and membrane binding of ESCRT-III Snf7 filaments. ELife, 2015, 4, .	6.0	127
5	Crystal structure of the yeast Sac1: implications for its phosphoinositide phosphatase function. EMBO Journal, 2010, 29, 1489-1498.	7.8	107
6	Structural basis for substrate recognition by a unique Legionella phosphoinositide phosphatase. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13567-13572.	7.1	107
7	The Legionella effector SidC defines a unique family of ubiquitin ligases important for bacterial phagosomal remodeling. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10538-10543.	7.1	98
8	A PH domain within OCRL bridges clathrin-mediated membrane trafficking to phosphoinositide metabolism. EMBO Journal, 2009, 28, 1831-1842.	7.8	96
9	Structure of the Legionella Virulence Factor, SidC Reveals a Unique PI(4)P-Specific Binding Domain Essential for Its Targeting to the Bacterial Phagosome. PLoS Pathogens, 2015, 11, e1004965.	4.7	81
10	Mechanism of phosphoribosyl-ubiquitination mediated by a single Legionella effector. Nature, 2018, 557, 729-733.	27.8	75
11	The structure of phosphoinositide phosphatases: Insights into substrate specificity and catalysis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 698-710.	2.4	70
12	Identification and Structural Characterization of a Legionella Phosphoinositide Phosphatase*. Journal of Biological Chemistry, 2013, 288, 24518-24527.	3.4	69
13	Spatiotemporal control of phosphatidylinositol 4-phosphate by Sac2 regulates endocytic recycling. Journal of Cell Biology, 2015, 209, 97-110.	5.2	64
14	Deubiquitination of phosphoribosyl-ubiquitin conjugates by phosphodiesterase-domainâ€“containing Legionella effectors. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23518-23526.	7.1	64
15	Protein polyglutamylation catalyzed by the bacterial calmodulin-dependent pseudokinase SidJ. ELife, 2019, 8, .	6.0	56
16	A Sugar Transporter Takes Up both Hexose and Sucrose for Sorbitol-Modulated In Vitro Pollen Tube Growth in Apple. Plant Cell, 2020, 32, 449-469.	6.6	49
17	Allosteric Activation of the Phosphoinositide Phosphatase Sac1 by Anionic Phospholipids. Biochemistry, 2012, 51, 3170-3177.	2.5	48
18	A Conserved Structural Determinant Located at the Interdomain Region of Mammalian Inositol-requiring Enzyme 1Î±. Journal of Biological Chemistry, 2011, 286, 30859-30866.	3.4	41

#	Article	IF	Citations
19	Structural basis of peptidoglycan endopeptidase regulation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11692-11702.	7.1	27
20	Structure of the bifunctional and Golgi-associated formiminotransferase cyclodeaminase octamer. EMBO Journal, 2004, 23, 2963-2971.	7.8	26
21	The Sac domain-containing phosphoinositide phosphatases: structure, function, and disease. Frontiers in Biology, 2013, 8, 395-407.	0.7	22
22	Reduction of lattice disorder in protein crystals by high-pressure cryocooling. Journal of Applied Crystallography, 2016, 49, 149-157.	4.5	22
23	Glucosylation by the Legionella Effector SetA Promotes the Nuclear Localization of the Transcription Factor TFEB. IScience, 2020, 23, 101300.	4.1	18
24	Insights into the ubiquitin transfer cascade catalyzed by the Legionella effector SidC. ELife, 2018, 7, .	6.0	12
25	Glutamylation of Bacterial Ubiquitin Ligases by a Legionella Pseudokinase. Trends in Microbiology, 2019, 27, 967-969.	7.7	11
26	Exploiting the ubiquitin and phosphoinositide pathways by the Legionella pneumophila effector, SidC. Current Genetics, 2016, 62, 105-108.	1.7	4
27	Adaptor linked K63 di-ubiquitin activates Nedd4/Rsp5 E3 ligase. ELife, 0, 11, .	6.0	3
28	Crystal structural studies of destripeptide (B28-B30) insulin. Science in China Series B: Chemistry, 2000, 43, 178-186.	0.8	2
29	Crystal structure of Legionella pneumophila dephospho-CoA kinase reveals a non-canonical conformation of P-loop. Journal of Structural Biology, 2014, 188, 233-239.	2.8	2
30	A Conserved Structural Determinant Located at the Interdomain Region of Mammalian IRE1Î±. FASEB Journal, 2013, 27, 794.18.	0.5	0
31	In vitro Glutamylation Inhibition of Ubiquitin Modification and Phosphoribosyl-Ubiquitin Ligation Mediated by Legionella pneumophila Effectors. Bio-protocol, 2020, 10, e3811.	0.4	0
32	Radioactive Assay of in vitro Glutamylation Activity of the Legionella pneumophila Effector Protein SidJ. Bio-protocol, 2020, 10, e3770.	0.4	0