

# Yuxin Mao

## List of Publications by Year in descending order

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32  
papers

2,183  
citations

361413

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501196

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g-index

40  
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40  
docs citations

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times ranked

2639  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Sugar Transporter Takes Up both Hexose and Sucrose for Sorbitol-Modulated In Vitro Pollen Tube Growth in Apple. <i>Plant Cell</i> , 2020, 32, 449-469.	6.6	49
2	Glucosylation by the Legionella Effector SetA Promotes the Nuclear Localization of the Transcription Factor TFEB. <i>IScience</i> , 2020, 23, 101300.	4.1	18
3	Structural basis of peptidoglycan endopeptidase regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11692-11702.	7.1	27
4	In vitro Glutamylation Inhibition of Ubiquitin Modification and Phosphoribosyl-Ubiquitin Ligation Mediated by Legionella pneumophila Effectors. <i>Bio-protocol</i> , 2020, 10, e3811.	0.4	0
5	Radioactive Assay of in vitro Glutamylation Activity of the Legionella pneumophila Effector Protein SidJ. <i>Bio-protocol</i> , 2020, 10, e3770.	0.4	0
6	Glutamylation of Bacterial Ubiquitin Ligases by a Legionella Pseudokinase. <i>Trends in Microbiology</i> , 2019, 27, 967-969.	7.7	11
7	Deubiquitination of phosphoribosyl-ubiquitin conjugates by phosphodiesterase-domain containing Legionella effectors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23518-23526.	7.1	64
8	Protein polyglutamylation catalyzed by the bacterial calmodulin-dependent pseudokinase SidJ. <i>ELife</i> , 2019, 8, .	6.0	56
9	Mechanism of phosphoribosyl-ubiquitination mediated by a single Legionella effector. <i>Nature</i> , 2018, 557, 729-733.	27.8	75
10	Insights into the ubiquitin transfer cascade catalyzed by the Legionella effector SidC. <i>ELife</i> , 2018, 7, .	6.0	12
11	Reduction of lattice disorder in protein crystals by high-pressure cryocooling. <i>Journal of Applied Crystallography</i> , 2016, 49, 149-157.	4.5	22
12	Exploiting the ubiquitin and phosphoinositide pathways by the Legionella pneumophila effector, SidC. <i>Current Genetics</i> , 2016, 62, 105-108.	1.7	4
13	Structure of the Legionella Virulence Factor, SidC Reveals a Unique PI(4)P-Specific Binding Domain Essential for Its Targeting to the Bacterial Phagosome. <i>PLoS Pathogens</i> , 2015, 11, e1004965.	4.7	81
14	The structure of phosphoinositide phosphatases: Insights into substrate specificity and catalysis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 698-710.	2.4	70
15	Spatiotemporal control of phosphatidylinositol 4-phosphate by Sac2 regulates endocytic recycling. <i>Journal of Cell Biology</i> , 2015, 209, 97-110.	5.2	64
16	Structural basis for activation, assembly and membrane binding of ESCRT-III Snf7 filaments. <i>ELife</i> , 2015, 4, .	6.0	127
17	Crystal structure of Legionella pneumophila dephospho-CoA kinase reveals a non-canonical conformation of P-loop. <i>Journal of Structural Biology</i> , 2014, 188, 233-239.	2.8	2
18	The Legionella effector SidC defines a unique family of ubiquitin ligases important for bacterial phagosomal remodeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10538-10543.	7.1	98

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19	The Sac domain-containing phosphoinositide phosphatases: structure, function, and disease. <i>Frontiers in Biology</i> , 2013, 8, 395-407.	0.7	22
20	Identification and Structural Characterization of a Legionella Phosphoinositide Phosphatase*. <i>Journal of Biological Chemistry</i> , 2013, 288, 24518-24527.	3.4	69
21	A Conserved Structural Determinant Located at the Interdomain Region of Mammalian IRE1 $\beta$ . <i>FASEB Journal</i> , 2013, 27, 794-18.	0.5	0
22	Structural basis for substrate recognition by a unique <i>Legionella</i> phosphoinositide phosphatase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13567-13572.	7.1	107
23	Allosteric Activation of the Phosphoinositide Phosphatase Sac1 by Anionic Phospholipids. <i>Biochemistry</i> , 2012, 51, 3170-3177.	2.5	48
24	Osh Proteins Regulate Phosphoinositide Metabolism at ER-Plasma Membrane Contact Sites. <i>Cell</i> , 2011, 144, 389-401.	28.9	442
25	A Conserved Structural Determinant Located at the Interdomain Region of Mammalian Inositol-requiring Enzyme 1 $\beta$ . <i>Journal of Biological Chemistry</i> , 2011, 286, 30859-30866.	3.4	41
26	Crystal structure of the yeast Sac1: implications for its phosphoinositide phosphatase function. <i>EMBO Journal</i> , 2010, 29, 1489-1498.	7.8	107
27	A PH domain within OCRL bridges clathrin-mediated membrane trafficking to phosphoinositide metabolism. <i>EMBO Journal</i> , 2009, 28, 1831-1842.	7.8	96
28	A Role of the Lowe Syndrome Protein OCRL in Early Steps of the Endocytic Pathway. <i>Developmental Cell</i> , 2007, 13, 377-390.	7.0	258
29	Structure of the bifunctional and Golgi-associated formiminotransferase cyclodeaminase octamer. <i>EMBO Journal</i> , 2004, 23, 2963-2971.	7.8	26
30	Crystal structural studies of destripeptide (B28-B30) insulin. <i>Science in China Series B: Chemistry</i> , 2000, 43, 178-186.	0.8	2
31	Crystal Structure of the VHS and FYVE Tandem Domains of Hrs, a Protein Involved in Membrane Trafficking and Signal Transduction. <i>Cell</i> , 2000, 100, 447-456.	28.9	175
32	Adaptor linked K63 di-ubiquitin activates Nedd4/Rsp5 E3 ligase. <i>ELife</i> , 0, 11, .	6.0	3