

Kai-En Chen

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,634
citations

687363

13
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

3888
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuropilin-1 is a host factor for SARS-CoV-2 infection. <i>Science</i> , 2020, 370, 861-865.	12.6	1,015
2	Towards a molecular understanding of endosomal trafficking by Retromer and Retriever. <i>Traffic</i> , 2019, 20, 465-478.	2.7	134
3	Classification of the human phox homology (PX) domains based on their phosphoinositide binding specificities. <i>Nature Communications</i> , 2019, 10, 1528.	12.8	101
4	<i>Drosophila</i> Snazarus Regulates a Lipid Droplet Population at Plasma Membrane-Droplet Contacts in Adipocytes. <i>Developmental Cell</i> , 2019, 50, 557-572.e5.	7.0	72
5	Low-resolution solution structures of Munc18:Syntaxin protein complexes indicate an open binding mode driven by the Syntaxin N-peptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9816-9821.	7.1	59
6	Community-Wide Experimental Evaluation of the PROSS Stability-Design Method. <i>Journal of Molecular Biology</i> , 2021, 433, 166964.	4.2	42
7	Structural insights into the architecture and membrane interactions of the conserved COMMD proteins. <i>ELife</i> , 2018, 7, .	6.0	28
8	Reciprocal allosteric regulation of p38 ^β and PTPN3 involves a PDZ domain-mediated complex formation. <i>Science Signaling</i> , 2014, 7, ra98.	3.6	25
9	Molecular Basis for Membrane Recruitment by the PX and C2 Domains of Class II Phosphoinositide 3-Kinase-C2 ^α . <i>Structure</i> , 2018, 26, 1612-1625.e4.	3.3	25
10	SNX27-Retromer directly binds ESCPE-1 to transfer cargo proteins during endosomal recycling. <i>PLoS Biology</i> , 2022, 20, e3001601.	5.6	24
11	The mammalian DUF59 protein Fam96a forms two distinct types of domain-swapped dimer. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2012, 68, 637-648.	2.5	22
12	The 1.2-Å resolution crystal structure of TcpG, the <i>Vibrio cholerae</i> DsbA disulfide-forming protein required for pilus and cholera-toxin production. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2012, 68, 1290-1302.	2.5	20
13	Substrate Specificity and Plasticity of FERM-Containing Protein Tyrosine Phosphatases. <i>Structure</i> , 2015, 23, 653-664.	3.3	20
14	The structure of the caspase recruitment domain of BinCARD reveals that all three cysteines can be oxidized. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 774-784.	2.5	13
15	De novo macrocyclic peptides for inhibiting, stabilizing, and probing the function of the retromer endosomal trafficking complex. <i>Science Advances</i> , 2021, 7, eabg4007.	10.3	11
16	Backbone resonance assignments of the monomeric DUF59 domain of human Fam96a. <i>Biomolecular NMR Assignments</i> , 2013, 7, 117-120.	0.8	8
17	Towards a generic prototyping approach for therapeutically-relevant peptides and proteins in a cell-free translation system. <i>Nature Communications</i> , 2022, 13, 260.	12.8	5
18	Structural basis for the binding of the cancer targeting scorpion toxin, ClTx, to the vascular endothelia growth factor receptor neuropilin-1. <i>Current Research in Structural Biology</i> , 2021, 3, 179-186.	2.2	3

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19	Interaction between Plate Make and Protein in Protein Crystallisation Screening. PLoS ONE, 2009, 4, e7851.	2.5	2