Cong Yu

List of Publications by Year in descending order

20 papers	959 citations	623699 14 h-index	713444 21 g-index
24 all docs	24 docs citations	24 times ranked	1750 citing authors

#	Article	IF	Citations
1	Complex structures of Rsu1 and PINCH1 reveal a regulatory mechanism of the ILK/PINCH/Parvin complex for F-actin dynamics. ELife, 2021, 10, .	6.0	9
2	Liprin-Î±-Mediated Assemblies and Their Roles in Synapse Formation. Frontiers in Cell and Developmental Biology, 2021, 9, 653381.	3.7	14
3	Oligomerized liprin-Î± promotes phase separation of ELKS for compartmentalization of presynaptic active zone proteins. Cell Reports, 2021, 34, 108901.	6.4	24
4	Nephrotic-syndrome-associated mutation of KANK2 induces pathologic binding competition with physiological interactor KIF21A. Journal of Biological Chemistry, 2021, 297, 100958.	3.4	3
5	F-actin disassembly factor MICAL1 binding to Myosin Va mediates cargo unloading during cytokinesis. Science Advances, 2020, 6, .	10.3	21
6	Structural basis of liprin-Î±-promoted LAR-RPTP clustering for modulation of phosphatase activity. Nature Communications, 2020, 11, 169.	12.8	32
7	Structural basis of the target-binding mode of the G proteinâ€“coupled receptor kinaseâ€“interacting protein in the regulation of focal adhesion dynamics. Journal of Biological Chemistry, 2019, 294, 5827-5839.	3.4	7
8	Structural mechanism for versatile cargo recognition by the yeast class V myosin Myo2. Journal of Biological Chemistry, 2019, 294, 5896-5906.	3.4	13
9	Homer Tetramer Promotes Actin Bundling Activity of Drebrin. Structure, 2019, 27, 27-38.e4.	3.3	18
10	Structural insights into ankyrin repeatâ€“mediated recognition of the kinesin motor protein KIF21A by KANK1, a scaffold protein in focal adhesion. Journal of Biological Chemistry, 2018, 293, 1944-1956.	3.4	25
11	DISC1 Regulates Neurogenesis via Modulating Kinetochore Attachment of Ndel1/Nde1 during Mitosis. Neuron, 2017, 96, 1041-1054.e5.	8.1	109
12	Structural basis of kindlin-mediated integrin recognition and activation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9349-9354.	7.1	130
13	Structural basis of diverse membrane target recognitions by ankyrins. ELife, 2014, 3, .	6.0	84
14	Structural basis of cargo recognitions for class V myosins. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11314-11319.	7.1	44
15	Membrane-induced Lever Arm Expansion Allows Myosin VI to Walk with Large and Variable Step Sizes. Journal of Biological Chemistry, 2012, 287, 35021-35035.	3.4	9
16	Structure of the ZU5-ZU5-UPA-DD tandem of ankyrin-B reveals interaction surfaces necessary for ankyrin function. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4822-4827.	7.1	43
17	Liprin-Mediated Large Signaling Complex Organization Revealed by the Liprin-Î±/CASK and Liprin-Î±/Liprin-Î²2 Complex Structures. Molecular Cell, 2011, 43, 586-598.	9.7	85
18	Myosin VI Undergoes Cargo-Mediated Dimerization. Cell, 2009, 138, 537-548.	28.9	123

#	Article	IF	Citations
19	Autoinhibition of UNC5b Revealed by the Cytoplasmic Domain Structure of the Receptor. Molecular Cell, 2009, 33, 692-703.	9.7	82
20	Supramodular Nature of GRIP1 Revealed by the Structure of Its PDZ12 Tandem in Complex with the Carboxyl Tail of Fras1. Journal of Molecular Biology, 2008, 375, 1457-1468.	4.2	40