Steve L Reichow

List of Publications by Year
in descending order

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25 papers	2,064 citations	430874 18 h-index	580821 25 g-index
33 all docs	33 docs citations	33 times ranked	2832 citing authors

#	Article	IF	Citations
1	Continuum dynamics and statistical correction of compositional heterogeneity in multivalent IDP oligomers resolved by single-particle EM. Journal of Molecular Biology, 2022, 434, 167520.	4.2	5
2	Connexin 46 and connexin 50 gap junction channel properties are shaped by structural and dynamic features of their Nâ€terminal domains. Journal of Physiology, 2021, 599, 3313-3335.	2.9	15
3	Molecular mechanisms underlying enhanced hemichannel function of a cataract-associated Cx50Âmutant. Biophysical Journal, 2021, 120, 5644-5656.	0.5	7
4	Conserved and divergent features of neuronal CaMKII holoenzyme structure, function, and high-order assembly. Cell Reports, 2021, 37, 110168.	6.4	17
5	Connexin-46/50 in a dynamic lipid environment resolved by CryoEM at 1.9â€‰Ã…. Nature Communications, 2020, 11, 4331.	12.8	66
6	Visualization of Protein-Lipid Interactions in Connexin-46/50 Intercellular Communication Channels at 2.1 Ã… Resolution. Microscopy and Microanalysis, 2019, 25, 1216-1217.	0.4	0
7	Structure of native lens connexin 46/50 intercellular channels by cryo-EM. Nature, 2018, 564, 372-377.	27.8	107
8	Multivalency regulates activity in an intrinsically disordered transcription factor. ELife, 2018, 7, .	6.0	34
9	The CaMKII holoenzyme structure in activation-competent conformations. Nature Communications, 2017, 8, 15742.	12.8	100
10	Allosteric mechanism of water-channel gating by Ca2+â€“calmodulin. Nature Structural and Molecular Biology, 2013, 20, 1085-1092.	8.2	102
11	Intrinsic disorder within an AKAP-protein kinase A complex guides local substrate phosphorylation. ELife, 2013, 2, e01319.	6.0	104
12	AKAP2 anchors PKA with aquaporinâ€0 to support ocular lens transparency. EMBO Molecular Medicine, 2012, 4, 15-26.	6.9	57
13	Advances in Structural and Functional Analysis of Membrane Proteins by Electron Crystallography. Structure, 2011, 19, 1381-1393.	3.3	40
14	The binding of cholera toxin to the periplasmic vestibule of the type II secretion channel. Channels, 2011, 5, 215-218.	2.8	41
15	Cooperative interaction of transcription termination factors with the RNA polymerase II C-terminal domain. Nature Structural and Molecular Biology, 2010, 17, 1195-1201.	8.2	124
16	Structure of the cholera toxin secretion channel in its closed state. Nature Structural and Molecular Biology, 2010, 17, 1226-1232.	8.2	128
17	Tension directly stabilizes reconstituted kinetochore-microtubule attachments. Nature, 2010, 468, 576-579.	27.8	408
18	Lipidâ€“protein interactions probed by electron crystallography. Current Opinion in Structural Biology, 2009, 19, 560-565.	5.7	53

#	Article	IF	Citations
19	Electron crystallography of aquaporins. IUBMB Life, 2008, 60, 430-436.	3.4	11
20	Noncanonical Binding of Calmodulin to Aquaporin-0: Implications for Channel Regulation. Structure, 2008, 16, 1389-1398.	3.3	71
21	Nop10 Is a Conserved H/ACA snoRNP Molecular Adaptor. Biochemistry, 2008, 47, 6148-6156.	2.5	9
22	The structure and function of small nucleolar ribonucleoproteins. Nucleic Acids Research, 2007, 35, 1452-1464.	14.5	337
23	High-resolution Structural and Thermodynamic Analysis of Extreme Stabilization of Human Procarboxypeptidase by Computational Protein Design. Journal of Molecular Biology, 2007, 366, 1209-1221.	4.2	84
24	RNA switches function. Nature, 2006, 441, 1054-1055.	27.8	10
25	The Cbf5â€“Nop10 complex is a molecular bracket that organizes box H/ACA RNPs. Nature Structural and Molecular Biology, 2005, 12, 1101-1107.	8.2	104