

Steve L Reichow

List of Publications by Year in descending order

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Version: 2024-02-01

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	Tension directly stabilizes reconstituted kinetochore-microtubule attachments. <i>Nature</i> , 2010, 468, 576-579.	27.8	408
2	The structure and function of small nucleolar ribonucleoproteins. <i>Nucleic Acids Research</i> , 2007, 35, 1452-1464.	14.5	337
3	Structure of the cholera toxin secretion channel in its closed state. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 1226-1232.	8.2	128
4	Cooperative interaction of transcription termination factors with the RNA polymerase II C-terminal domain. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 1195-1201.	8.2	124
5	Structure of native lens connexin 46/50 intercellular channels by cryo-EM. <i>Nature</i> , 2018, 564, 372-377.	27.8	107
6	The Cbf5-Nop10 complex is a molecular bracket that organizes box H/ACA RNPs. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 1101-1107.	8.2	104
7	Intrinsic disorder within an AKAP-protein kinase A complex guides local substrate phosphorylation. <i>ELife</i> , 2013, 2, e01319.	6.0	104
8	Allosteric mechanism of water-channel gating by Ca ²⁺ -calmodulin. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 1085-1092.	8.2	102
9	The CaMKII holoenzyme structure in activation-competent conformations. <i>Nature Communications</i> , 2017, 8, 15742.	12.8	100
10	High-resolution Structural and Thermodynamic Analysis of Extreme Stabilization of Human Procarboxypeptidase by Computational Protein Design. <i>Journal of Molecular Biology</i> , 2007, 366, 1209-1221.	4.2	84
11	Noncanonical Binding of Calmodulin to Aquaporin-0: Implications for Channel Regulation. <i>Structure</i> , 2008, 16, 1389-1398.	3.3	71
12	Connexin-46/50 in a dynamic lipid environment resolved by CryoEM at 1.9 Å. <i>Nature Communications</i> , 2020, 11, 4331.	12.8	66
13	AKAP2 anchors PKA with aquaporin-0 to support ocular lens transparency. <i>EMBO Molecular Medicine</i> , 2012, 4, 15-26.	6.9	57
14	Lipid-protein interactions probed by electron crystallography. <i>Current Opinion in Structural Biology</i> , 2009, 19, 560-565.	5.7	53
15	The binding of cholera toxin to the periplasmic vestibule of the type II secretion channel. <i>Channels</i> , 2011, 5, 215-218.	2.8	41
16	Advances in Structural and Functional Analysis of Membrane Proteins by Electron Crystallography. <i>Structure</i> , 2011, 19, 1381-1393.	3.3	40
17	Multivalency regulates activity in an intrinsically disordered transcription factor. <i>ELife</i> , 2018, 7, .	6.0	34
18	Conserved and divergent features of neuronal CaMKII holoenzyme structure, function, and high-order assembly. <i>Cell Reports</i> , 2021, 37, 110168.	6.4	17

#	ARTICLE	IF	CITATIONS
19	Connexin 46 and connexin 50 gap junction channel properties are shaped by structural and dynamic features of their N-terminal domains. <i>Journal of Physiology</i> , 2021, 599, 3313-3335.	2.9	15
20	Electron crystallography of aquaporins. <i>IUBMB Life</i> , 2008, 60, 430-436.	3.4	11
21	RNA switches function. <i>Nature</i> , 2006, 441, 1054-1055.	27.8	10
22	Nop10 Is a Conserved H/ACA snoRNP Molecular Adaptor. <i>Biochemistry</i> , 2008, 47, 6148-6156.	2.5	9
23	Molecular mechanisms underlying enhanced hemichannel function of a cataract-associated Cx50 mutant. <i>Biophysical Journal</i> , 2021, 120, 5644-5656.	0.5	7
24	Continuum dynamics and statistical correction of compositional heterogeneity in multivalent IDP oligomers resolved by single-particle EM. <i>Journal of Molecular Biology</i> , 2022, 434, 167520.	4.2	5
25	Visualization of Protein-Lipid Interactions in Connexin-46/50 Intercellular Communication Channels at 2.1 Å... Resolution. <i>Microscopy and Microanalysis</i> , 2019, 25, 1216-1217.	0.4	0