

Roger J P Dawson

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

3,608
citations

623734

14
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

4323
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of a bacterial multidrug ABC transporter. <i>Nature</i> , 2006, 443, 180-185.	27.8	1,200
2	Structure and mechanism of ABC transporter proteins. <i>Current Opinion in Structural Biology</i> , 2007, 17, 412-418.	5.7	537
3	Structure of the μ -opioid receptor-Gi protein complex. <i>Nature</i> , 2018, 558, 547-552.	27.8	527
4	Structure of the multidrug ABC transporter Sav1866 from <i>Staphylococcus aureus</i> in complex with AMP-PNP. <i>FEBS Letters</i> , 2007, 581, 935-938.	2.8	370
5	The N-terminal Domain of p53 is Natively Unfolded. <i>Journal of Molecular Biology</i> , 2003, 332, 1131-1141.	4.2	225
6	Structure of the Acid-sensing ion channel 1 in complex with the gating modifier Psalmotoxin 1. <i>Nature Communications</i> , 2012, 3, 936.	12.8	161
7	Development of an antibody fragment that stabilizes GPCR/G-protein complexes. <i>Nature Communications</i> , 2018, 9, 3712.	12.8	157
8	Uptake or extrusion: crystal structures of full ABC transporters suggest a common mechanism. <i>Molecular Microbiology</i> , 2007, 65, 250-257.	2.5	142
9	Structural Basis for Allosteric Ligand Recognition in the Human CC Chemokine Receptor 7. <i>Cell</i> , 2019, 178, 1222-1230.e10.	28.9	81
10	Structural insights into the inhibition of glycine reuptake. <i>Nature</i> , 2021, 591, 677-681.	27.8	69
11	Probing G β i1 protein activation at single-amino acid resolution. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 686-694.	8.2	58
12	Ligand channel in pharmacologically stabilized rhodopsin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3640-3645.	7.1	34
13	Crystallization Scale Preparation of a Stable GPCR Signaling Complex between Constitutively Active Rhodopsin and G-Protein. <i>PLoS ONE</i> , 2014, 9, e98714.	2.5	24
14	Sav1866 from <i>Staphylococcus aureus</i> and P-Glycoprotein: Similarities and Differences in ATPase Activity Assessed with Detergents as Allocrites. <i>Biochemistry</i> , 2013, 52, 3297-3309.	2.5	17
15	Mammalian Expression, Purification, and Crystallization of Rhodopsin Variants. <i>Methods in Molecular Biology</i> , 2015, 1271, 39-54.	0.9	4
16	Identifying Conformation-Selective Heavy-Chain-Only Antibodies Against Membrane Proteins by a Thermal-Shift Scintillation Proximity Assay. <i>Methods in Molecular Biology</i> , 2020, 2127, 185-190.	0.9	1