

Simon R Bushell

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

580
citations

1162367

8
h-index

1372195

10
g-index

13
all docs

13
docs citations

13
times ranked

1032
citing authors

#	ARTICLE	IF	CITATIONS
1	Antigen Ligation Triggers a Conformational Change within the Constant Domain of the $\hat{I}\hat{\pm}\hat{I}^2$ T Cell Receptor. <i>Immunity</i> , 2009, 30, 777-788.	6.6	111
2	The structural basis of lipid scrambling and inactivation in the endoplasmic reticulum scramblase TMEM16K. <i>Nature Communications</i> , 2019, 10, 3956.	5.8	101
3	Altered Antibiotic Transport in OmpC Mutants Isolated from a Series of Clinical Strains of Multi-Drug Resistant <i>E. coli</i> . <i>PLoS ONE</i> , 2011, 6, e25825.	1.1	98
4	Structures of DPAGT1 Explain Glycosylation Disease Mechanisms and Advance TB Antibiotic Design. <i>Cell</i> , 2018, 175, 1045-1058.e16.	13.5	67
5	Wzi Is an Outer Membrane Lectin that Underpins Group 1 Capsule Assembly in <i>Escherichia coli</i> . <i>Structure</i> , 2013, 21, 844-853.	1.6	63
6	The structural basis of fatty acid elongation by the ELOVL elongases. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 512-520.	3.6	52
7	Structure and Function of the Oxidoreductase DsbA1 from <i>Neisseria meningitidis</i> . <i>Journal of Molecular Biology</i> , 2009, 394, 931-943.	2.0	36
8	A Biophysical Analysis of the Tetratricopeptide Repeat-rich Mitochondrial Import Receptor, Tom70, Reveals an Elongated Monomer That Is Inherently Flexible, Unstable, and Unfolds via a Multistate Pathway. <i>Journal of Biological Chemistry</i> , 2004, 279, 46448-46454.	1.6	24
9	Tracking the Unfolding Pathway of a Multirepeat Protein via Tryptophan Scanning. <i>Journal of Biological Chemistry</i> , 2006, 281, 24345-24350.	1.6	9
10	Crystallization and preliminary diffraction analysis of Wzi, a member of the capsule export and assembly pathway in <i>Escherichia coli</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 1621-1625.	0.7	8
11	Structures of DPAGT1 Explain Glycosylation Disease Mechanisms and Advance TB Antibiotic Design. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0