

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 | 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 |
| 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 | Structures of DPAGT1 Explain Glycosylation Disease Mechanisms and Advance TB Antibiotic Design. <i>Cell</i> , 2018, 175, 1045-1058.e16. | 13.5 | 67 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Antigen Ligation Triggers a Conformational Change within the Constant Domain of the $\hat{I}\pm\hat{I}^2$ T Cell Receptor. <i>Immunity</i> , 2009, 30, 777-788. | 6.6 | 111 |
| 8 | 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 |
| 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 | 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 |
| 11 | Structures of DPAGT1 Explain Glycosylation Disease Mechanisms and Advance TB Antibiotic Design. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |