

Joanna S G Slusky

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

878
citations

758635

12
h-index

794141

19
g-index

27
all docs

27
docs citations

27
times ranked

1242
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational Design of Peptides That Target Transmembrane Helices. <i>Science</i> , 2007, 315, 1817-1822.	6.0	271
2	Control of Membrane Protein Topology by a Single C-Terminal Residue. <i>Science</i> , 2010, 328, 1698-1700.	6.0	128
3	Bilayer Properties of Lipid A from Various Gram-Negative Bacteria. <i>Biophysical Journal</i> , 2016, 111, 1750-1760.	0.2	88
4	Quantum-Classical Reentrant Relaxation Crossover in Dy ₂ Ti ₂ O ₇ Spin Ice. <i>Physical Review Letters</i> , 2003, 91, 107201.	2.9	82
5	Charge asymmetry in the proteins of the outer membrane. <i>Bioinformatics</i> , 2013, 29, 2122-2128.	1.8	50
6	Antiparallel Dimers of the Small Multidrug Resistance Protein EmrE Are More Stable Than Parallel Dimers. <i>Journal of Biological Chemistry</i> , 2012, 287, 26052-26059.	1.6	39
7	Evolutionary pathways of repeat protein topology in bacterial outer membrane proteins. <i>ELife</i> , 2018, 7, .	2.8	36
8	Machine learning differentiates enzymatic and non-enzymatic metals in proteins. <i>Nature Communications</i> , 2021, 12, 3712.	5.8	33
9	Outer membrane protein design. <i>Current Opinion in Structural Biology</i> , 2017, 45, 45-52.	2.6	29
10	Tight Turns of Outer Membrane Proteins: An Analysis of Sequence, Structure, and Hydrogen Bonding. <i>Journal of Molecular Biology</i> , 2018, 430, 3251-3265.	2.0	20
11	Efflux Pumps Represent Possible Evolutionary Convergence onto the $\hat{\beta}$ -Barrel Fold. <i>Structure</i> , 2018, 26, 1266-1274.e2.	1.6	19
12	In Vivo Trp Scanning of the Small Multidrug Resistance Protein EmrE Confirms 3D Structure Models'. <i>Journal of Molecular Biology</i> , 2013, 425, 4642-4651.	2.0	15
13	Membrane Barrels Are Taller, Fatter, Inside-Out Soluble Barrels. <i>Journal of Physical Chemistry B</i> , 2021, 125, 3622-3628.	1.2	13
14	Outer membrane protein evolution. <i>Current Opinion in Structural Biology</i> , 2021, 68, 122-128.	2.6	13
15	Colicin E1 opens its hinge to plug TolC. <i>ELife</i> , 2022, 11, .	2.8	11
16	Why Have Small Multidrug Resistance Proteins Not Evolved into Fused, Internally Duplicated Structures?. <i>Journal of Molecular Biology</i> , 2014, 426, 2246-2254.	2.0	10
17	Modulating Integrin $\hat{\alpha}$ IIb $\hat{\beta}$ 3 Activity through Mutagenesis of Allosterically Regulated Intersubunit Contacts. <i>Biochemistry</i> , 2019, 58, 3251-3259.	1.2	6
18	High-Yield Preparation of Outer Membrane Protein Efflux Pumps by in Vitro Refolding is Concentration Dependent. <i>Journal of Membrane Biology</i> , 2021, 254, 41-50.	1.0	6

#	ARTICLE	IF	CITATIONS
19	OUP accepted manuscript. Protein Engineering, Design and Selection, 2021, 34, .	1.0	4