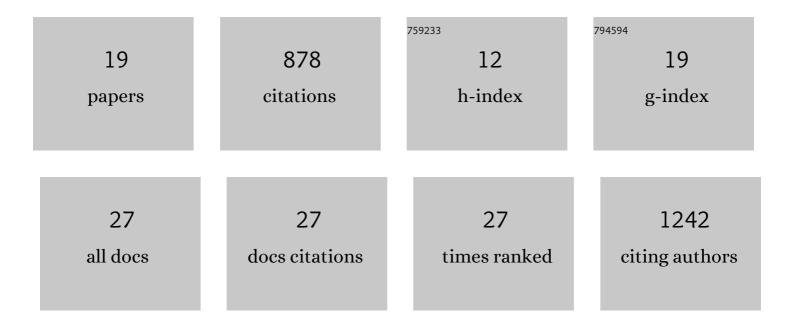
## Joanna S G Slusky

List of Publications by Year in descending order

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LOANNA S C SLUSKY

#	Article	IF	CITATIONS
1	Computational Design of Peptides That Target Transmembrane Helices. Science, 2007, 315, 1817-1822.	12.6	271
2	Control of Membrane Protein Topology by a Single C-Terminal Residue. Science, 2010, 328, 1698-1700.	12.6	128
3	Bilayer Properties of Lipid A from Various Gram-Negative Bacteria. Biophysical Journal, 2016, 111, 1750-1760.	0.5	88
4	Quantum-Classical Reentrant Relaxation Crossover inDy2Ti2O7Spin Ice. Physical Review Letters, 2003, 91, 107201.	7.8	82
5	Charge asymmetry in the proteins of the outer membrane. Bioinformatics, 2013, 29, 2122-2128.	4.1	50
6	Antiparallel Dimers of the Small Multidrug Resistance Protein EmrE Are More Stable Than Parallel Dimers. Journal of Biological Chemistry, 2012, 287, 26052-26059.	3.4	39
7	Evolutionary pathways of repeat protein topology in bacterial outer membrane proteins. ELife, 2018, 7,	6.0	36
8	Machine learning differentiates enzymatic and non-enzymatic metals in proteins. Nature Communications, 2021, 12, 3712.	12.8	33
9	Outer membrane protein design. Current Opinion in Structural Biology, 2017, 45, 45-52.	5.7	29
10	Tight Turns of Outer Membrane Proteins: An Analysis of Sequence, Structure, and Hydrogen Bonding. Journal of Molecular Biology, 2018, 430, 3251-3265.	4.2	20
11	Efflux Pumps Represent Possible Evolutionary Convergence onto the β-Barrel Fold. Structure, 2018, 26, 1266-1274.e2.	3.3	19
12	In Vivo Trp Scanning of the Small Multidrug Resistance Protein EmrE Confirms 3D Structure Models'. Journal of Molecular Biology, 2013, 425, 4642-4651.	4.2	15
13	Membrane Barrels Are Taller, Fatter, Inside-Out Soluble Barrels. Journal of Physical Chemistry B, 2021, 125, 3622-3628.	2.6	13
14	Outer membrane protein evolution. Current Opinion in Structural Biology, 2021, 68, 122-128.	5.7	13
15	Colicin E1 opens its hinge to plug TolC. ELife, 2022, 11, .	6.0	11
16	Why Have Small Multidrug Resistance Proteins Not Evolved into Fused, Internally Duplicated Structures?. Journal of Molecular Biology, 2014, 426, 2246-2254.	4.2	10
17	Modulating Integrin αIlbβ3 Activity through Mutagenesis of Allosterically Regulated Intersubunit Contacts. Biochemistry, 2019, 58, 3251-3259.	2.5	6
18	High-Yield Preparation of Outer Membrane Protein Efflux Pumps by in Vitro Refolding is Concentration Dependent. Journal of Membrane Biology, 2021, 254, 41-50.	2.1	6

#	Article	IF	CITATIONS
19	OUP accepted manuscript. Protein Engineering, Design and Selection, 2021, 34, .	2.1	4