Joanne L Parker

List of Publications by Year
in descending order

22 papers	1,603 citations	19 h-index	22 g-index
26 all docs	26 docs citations	26 times ranked	2328 citing authors

394421

677142

#	ARTICLE	IF	CITATIONS
1	Kynurenine importation by SLC7A11 propagates anti-ferroptotic signaling. Molecular Cell, 2022, 82, 920-932.e7.	9.7	41
2	Structural basis of antifolate recognition and transport by PCFT. Nature, 2021, 595, 130-134.	27.8	36
3	A signal capture and proofreading mechanism for the KDEL-receptor explains selectivity and dynamic range in ER retrieval. ELife, 2021, 10, .	6.0	13
4	Cryo-EM structure and resistance landscape of M.Âtuberculosis MmpL3: An emergent therapeutic target. Structure, 2021, 29, 1182-1191.e4.	3.3	25
5	Cryo-EM structure of PepT2 reveals structural basis for proton-coupled peptide and prodrug transport in mammals. Science Advances, 2021, 7, .	10.3	37
6	Molecular basis for redox control by the human cystine/glutamate antiporter system xcâˆ’. Nature Communications, 2021, 12, 7147.	12.8	65
7	Structural basis for substrate specificity and regulation of nucleotide sugar transporters in the lipid bilayer. Nature Communications, 2019, 10, 4657.	12.8	23
8	Gateway to the Golgi: molecular mechanisms of nucleotide sugar transporters. Current Opinion in Structural Biology, 2019, 57, 127-134.	5.7	27
9	Structural basis for pH-dependent retrieval of ER proteins from the Golgi by the KDEL receptor. Science, 2019, 363, 1103-1107.	12.6	110
10	Structural basis for amino acid transport by the CAT family of SLC7 transporters. Nature Communications, 2018, 9, 550.	12.8	97
11	Proton movement and coupling in the POT family of peptide transporters. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13182-13187.	7.1	81
12	Structural basis of nucleotide sugar transport across the Golgi membrane. Nature, 2017, 551, 521-524.	27.8	62
13	Accurate Prediction of Ligand Affinities for a Proton-Dependent Oligopeptide Transporter. Cell Chemical Biology, 2016, 23, 299-309.	5.2	34
14	Membrane Protein Crystallisation: Current Trends and Future Perspectives. Advances in Experimental Medicine and Biology, 2016, 922, 61-72.	1.6	43
15	Crystal Structures of the Extracellular Domain from PepT1 and PepT2 Provide Novel Insights into Mammalian Peptide Transport. Structure, 2015, 23, 1889-1899.	3.3	40
16	MemProtMD: Automated Insertion of Membrane Protein Structures into Explicit Lipid Membranes. Structure, 2015, 23, 1350-1361.	3.3	257
17	Structural basis for polyspecificity in the <scp>POT</scp> family of protonâ€coupled oligopeptide transporters. EMBO Reports, 2014, 15, 886-893.	4.5	118
18	Molecular basis of nitrate uptake by the plant nitrate transporter NRT1.1. Nature, 2014, 507, 68-72.	27.8	344

#	Article	IF	Citations
19	Method to increase the yield of eukaryotic membrane protein expression in <scp><i>Saccharomyces cerevisiae</i></scp> for structural and functional studies. Protein Science, 2014, 23, 1309-1314.	7.6	25
20	Thermodynamic evidence for a dual transport mechanism in a POT peptide transporter. ELife, 2014, 3, .	6.0	53
21	Phasing statistics for alpha helical membrane protein structures. Protein Science, 2013, 22, 1664-1668.	7.6	5
22	Current trends in Î±â€helical membrane protein crystallization: An update. Protein Science, 2012, 21, 1358-1365.	7.6	66