Joseph A Lyons

List of Publications by Year
in descending order

22 papers	4,504 citations	471509 17 h-index	677142 22 g-index
27 all docs	27 docs citations	27 times ranked	5488 citing authors

#	Article	IF	Citations
1	Crystal structure of the Î²2 adrenergic receptorâ€“Gs protein complex. Nature, 2011, 477, 549-555.	27.8	2,712
2	Structure and function of an irreversible agonist-Î²2 adrenoceptor complex. Nature, 2011, 469, 236-240.	27.8	741
3	A mechanism for intracellular release of Na+ by neurotransmitter/sodium symporters. Nature Structural and Molecular Biology, 2014, 21, 1006-1012.	8.2	159
4	Structure and autoregulation of a P4-ATPase lipid flippase. Nature, 2019, 571, 366-370.	27.8	126
5	Structural insights into electron transfer in caa3-type cytochrome oxidase. Nature, 2012, 487, 514-518.	27.8	119
6	Structural basis for polyspecificity in the <scp>POT</scp> family of protonâ€coupled oligopeptide transporters. EMBO Reports, 2014, 15, 886-893.	4.5	118
7	Gating Topology of the Proton-Coupled Oligopeptide Symporters. Structure, 2015, 23, 290-301.	3.3	98
8	Crystal structure of the integral membrane diacylglycerol kinase. Nature, 2013, 497, 521-524.	27.8	93
9	Structural study of a small molecule receptor bound to dimethyllysine in lysozyme. Chemical Science, 2015, 6, 442-449.	7.4	66
10	Expression strategies for structural studies of eukaryotic membrane proteins. Current Opinion in Structural Biology, 2016, 38, 137-144.	5.7	43
11	Saposin-Lipoprotein Scaffolds for Structure Determination of Membrane Transporters. Methods in Enzymology, 2017, 594, 85-99.	1.0	34
12	A fast, simple and robust protocol for growing crystals in the lipidic cubic phase. Journal of Applied Crystallography, 2012, 45, 1330-1333.	4.5	32
13	Ternary structure reveals mechanism of a membrane diacylglycerol kinase. Nature Communications, 2015, 6, 10140.	12.8	30
14	High phosphatidylinositol 4-phosphate (PI4P)-dependent ATPase activity for the Drs2p-Cdc50p flippase after removal of its N- and C-terminal extensions. Journal of Biological Chemistry, 2017, 292, 7954-7970.	3.4	29
15	Structural Basis of Substrate-Independent Phosphorylation in a P4-ATPase Lipid Flippase. Journal of Molecular Biology, 2021, 433, 167062.	4.2	27
16	P4-ATPases: how an old dog learnt new tricks â€" structure and mechanism of lipid flippases. Current Opinion in Structural Biology, 2020, 63, 65-73.	5.7	25
17	Autoinhibition and regulation by phosphoinositides of ATP8B1, a human lipid flippase associated with intrahepatic cholestatic disorders. ELife, 2022, 11, .	6.0	20
18	Membrane Protein Crystallization in Lipidic Mesophases. Hosting Lipid Effects on the Crystallization and Structure of a Transmembrane Peptide. Crystal Growth and Design, 2011, 11, 1182-1192.	3.0	19

#	Article	IF	Citations
19	Overview of the 13th International Conference on the Crystallization of Biological Macromolecules. Crystal Growth and Design, 2011, 11, 4723-4730.	3.0	3
20	Structure and Function of Bacterial Cytochrome c Oxidases. Advances in Photosynthesis and Respiration, 2016, , 307-329.	1.0	2
21	Brief encounters of cytochrome c. EMBO Journal, 2017, 36, 250-251.	7.8	2
22	Digesting New Elements in Peptide Transport. Structure, 2015, 23, 1779-1780.	3.3	1