

Joseph A Lyons

List of Publications by Year in descending order

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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	Autoinhibition and regulation by phosphoinositides of ATP8B1, a human lipid flippase associated with intrahepatic cholestatic disorders. <i>ELife</i> , 2022, 11, .	6.0	20
2	Structural Basis of Substrate-Independent Phosphorylation in a P4-ATPase Lipid Flippase. <i>Journal of Molecular Biology</i> , 2021, 433, 167062.	4.2	27
3	P4-ATPases: how an old dog learnt new tricks – structure and mechanism of lipid flippases. <i>Current Opinion in Structural Biology</i> , 2020, 63, 65-73.	5.7	25
4	Structure and autoregulation of a P4-ATPase lipid flippase. <i>Nature</i> , 2019, 571, 366-370.	27.8	126
5	Brief encounters of cytochrome <i>c</i> . <i>EMBO Journal</i> , 2017, 36, 250-251.	7.8	2
6	High phosphatidylinositol 4-phosphate (PI4P)-dependent ATPase activity for the Drs2p-Cdc50p flippase after removal of its N- and C-terminal extensions. <i>Journal of Biological Chemistry</i> , 2017, 292, 7954-7970.	3.4	29
7	Saposin-Lipoprotein Scaffolds for Structure Determination of Membrane Transporters. <i>Methods in Enzymology</i> , 2017, 594, 85-99.	1.0	34
8	Expression strategies for structural studies of eukaryotic membrane proteins. <i>Current Opinion in Structural Biology</i> , 2016, 38, 137-144.	5.7	43
9	Structure and Function of Bacterial Cytochrome c Oxidases. <i>Advances in Photosynthesis and Respiration</i> , 2016, , 307-329.	1.0	2
10	Ternary structure reveals mechanism of a membrane diacylglycerol kinase. <i>Nature Communications</i> , 2015, 6, 10140.	12.8	30
11	Structural study of a small molecule receptor bound to dimethyllysine in lysozyme. <i>Chemical Science</i> , 2015, 6, 442-449.	7.4	66
12	Gating Topology of the Proton-Coupled Oligopeptide Symporters. <i>Structure</i> , 2015, 23, 290-301.	3.3	98
13	Digesting New Elements in Peptide Transport. <i>Structure</i> , 2015, 23, 1779-1780.	3.3	1
14	Structural basis for polyspecificity in the <i>POT</i> family of proton-coupled oligopeptide transporters. <i>EMBO Reports</i> , 2014, 15, 886-893.	4.5	118
15	A mechanism for intracellular release of Na ⁺ by neurotransmitter/sodium symporters. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 1006-1012.	8.2	159
16	Crystal structure of the integral membrane diacylglycerol kinase. <i>Nature</i> , 2013, 497, 521-524.	27.8	93
17	A fast, simple and robust protocol for growing crystals in the lipidic cubic phase. <i>Journal of Applied Crystallography</i> , 2012, 45, 1330-1333.	4.5	32
18	Structural insights into electron transfer in <i>caa3</i> -type cytochrome oxidase. <i>Nature</i> , 2012, 487, 514-518.	27.8	119

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19	Membrane Protein Crystallization in Lipidic Mesophases. Hosting Lipid Effects on the Crystallization and Structure of a Transmembrane Peptide. <i>Crystal Growth and Design</i> , 2011, 11, 1182-1192.	3.0	19
20	Overview of the 13th International Conference on the Crystallization of Biological Macromolecules. <i>Crystal Growth and Design</i> , 2011, 11, 4723-4730.	3.0	3
21	Crystal structure of the β_2 adrenergic receptor-Gs protein complex. <i>Nature</i> , 2011, 477, 549-555.	27.8	2,712
22	Structure and function of an irreversible agonist- β_2 adrenoceptor complex. <i>Nature</i> , 2011, 469, 236-240.	27.8	741