

Fotis L Kyrilis

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

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195
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryo-EM and artificial intelligence visualize endogenous protein community members. <i>Structure</i> , 2022, 30, 575-589.e6.	3.3	31
2	Increased efficiency of charge-mediated fusion in polymer/lipid hybrid membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2122468119.	7.1	13
3	Integrative structure of a 10-megadalton eukaryotic pyruvate dehydrogenase complex from native cell extracts. <i>Cell Reports</i> , 2021, 34, 108727.	6.4	36
4	Detecting Protein Communities in Native Cell Extracts by Machine Learning: A Structural Biologist's Perspective. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 660542.	3.5	10
5	En route to dynamic life processes by SNARE-mediated fusion of polymer and hybrid membranes. <i>Nature Communications</i> , 2021, 12, 4972.	12.8	21
6	Solubilization of artificial mitochondrial membranes by amphiphilic copolymers of different charge. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183725.	2.6	10
7	Cryo-EM snapshots of a native lysate provide structural insights into a metabolon-embedded transacetylase reaction. <i>Nature Communications</i> , 2021, 12, 6933.	12.8	26
8	Enhanced optical imaging properties of lipid nanocapsules as vehicles for fluorescent conjugated polymers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 154, 297-308.	4.3	8
9	2.7 Å... cryo-EM structure of vitrified <i>M. musculus</i> H-chain apoferritin from a compact 200 keV cryo-microscope. <i>PLoS ONE</i> , 2020, 15, e0232540.	2.5	9
10	Constructing artificial respiratory chain in polymer compartments: Insights into the interplay between bo3 oxidase and the membrane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15006-15017.	7.1	37
11	Integrative biology of native cell extracts: a new era for structural characterization of life processes. <i>Biological Chemistry</i> , 2019, 400, 831-846.	2.5	21