

Fotis L Kyrilis

List of Publications by Year in descending order

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citing authors

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