

Dario De Vecchis

List of Publications by Year in descending order

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9
papers

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1163117

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citing authors

#	ARTICLE	IF	CITATIONS
1	Sphingomyelinase Disables Inactivation in Endogenous PIEZO1 Channels. <i>Cell Reports</i> , 2020, 33, 108225.	6.4	47
2	Molecular dynamics simulations of Piezo1 channel opening by increases in membrane tension. <i>Biophysical Journal</i> , 2021, 120, 1510-1521.	0.5	33
3	A membrane-inserted structural model of the yeast mitofusin Fzo1. <i>Scientific Reports</i> , 2017, 7, 10217.	3.3	25
4	RBCs prevent rapid PIEZO1 inactivation and expose slow deactivation as a mechanism of dehydrated hereditary stomatocytosis. <i>Blood</i> , 2020, 136, 140-144.	1.4	23
5	Modeling of full-length Piezo1 suggests importance of the proximal N-terminus for dome structure. <i>Biophysical Journal</i> , 2021, 120, 1343-1356.	0.5	23
6	Molecular Simulations of Intact Anion Exchanger 1 Reveal Specific Domain and Lipid Interactions. <i>Biophysical Journal</i> , 2019, 117, 1364-1379.	0.5	16
7	Physics-based oligomeric models of the yeast mitofusin Fzo1 at the molecular scale in the context of membrane docking. <i>Mitochondrion</i> , 2019, 49, 234-244.	3.4	12
8	A Molecular Perspective on Mitochondrial Membrane Fusion: From the Key Players to Oligomerization and Tethering of Mitofusin. <i>Journal of Membrane Biology</i> , 2019, 252, 293-306.	2.1	12
9	Structural dataset from microsecond-long simulations of yeast mitofusin Fzo1 in the context of membrane docking. <i>Data in Brief</i> , 2019, 26, 104460.	1.0	4