

Dariush Mohammadyani

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

3,272
citations

687363

13
h-index

1058476

14
g-index

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all docs

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docs citations

15
times ranked

6863
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipidomics Characterization of Biosynthetic and Remodeling Pathways of Cardiolipins in Genetically and Nutritionally Manipulated Yeast Cells. <i>ACS Chemical Biology</i> , 2017, 12, 265-281.	3.4	25
2	Oxidized arachidonic and adrenic PEs navigate cells to ferroptosis. <i>Nature Chemical Biology</i> , 2017, 13, 81-90.	8.0	1,589
3	Known unknowns of cardiolipin signaling: The best is yet to come. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 8-24.	2.4	94
4	Cardiolipin Signaling Mechanisms: Collapse of Asymmetry and Oxidation. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 1667-1680.	5.4	50
5	Dichotomous roles for externalized cardiolipin in extracellular signaling: Promotion of phagocytosis and attenuation of innate immunity. <i>Science Signaling</i> , 2015, 8, ra95.	3.6	62
6	Cardiolipin Interactions with Proteins. <i>Biophysical Journal</i> , 2015, 109, 1282-1294.	0.5	116
7	The brown adipocyte protein CIDEA promotes lipid droplet fusion via a phosphatidic acid-binding amphipathic helix. <i>ELife</i> , 2015, 4, e07485.	6.0	118
8	Oxidized Lipids Block Antigen Cross-Presentation by Dendritic Cells in Cancer. <i>Journal of Immunology</i> , 2014, 192, 2920-2931.	0.8	203
9	Interactions of Fullerene (C60) and its Hydroxyl Derivatives with Lipid Bilayer: A Coarse-Grained Molecular Dynamics Simulation. <i>Brazilian Journal of Physics</i> , 2014, 44, 1-7.	1.4	1
10	X-ray structure, thermodynamics, elastic properties and MD simulations of cardiolipin/dimyristoylphosphatidylcholine mixed membranes. <i>Chemistry and Physics of Lipids</i> , 2014, 178, 1-10.	3.2	42
11	Molecular speciation and dynamics of oxidized triacylglycerols in lipid droplets: Mass spectrometry and coarse-grained simulations. <i>Free Radical Biology and Medicine</i> , 2014, 76, 53-60.	2.9	26
12	A mitochondrial pathway for biosynthesis of lipid mediators. <i>Nature Chemistry</i> , 2014, 6, 542-552.	13.6	130
13	Cardiolipin externalization to the outer mitochondrial membrane acts as an elimination signal for mitophagy in neuronal cells. <i>Nature Cell Biology</i> , 2013, 15, 1197-1205.	10.3	792
14	Artificial neural networks modeling of electrospinning of polyethylene oxide from aqueous acid acetic solution. <i>Journal of Applied Polymer Science</i> , 2012, 125, 1910-1921.	2.6	22