

Yuru Deng

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

585
citations

840776

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888059

17
g-index

18
all docs

18
docs citations

18
times ranked

631
citing authors

#	ARTICLE	IF	CITATIONS
1	Chapter 6 Cubic Membranes. International Review of Cell and Molecular Biology, 2009, 274, 275-342.	3.2	119
2	Cubic Membrane Structure in Amoeba (<i>Chaos carolinensis</i>) Mitochondria Determined by Electron Microscopic Tomography. Journal of Structural Biology, 1999, 127, 231-239.	2.8	106
3	Do viruses subvert cholesterol homeostasis to induce host cubic membranes?. Trends in Cell Biology, 2010, 20, 371-379.	7.9	55
4	Fasting induces cyanide-resistant respiration and oxidative stress in the amoeba <i>Chaos carolinensis</i> : implications for the cubic structural transition in mitochondrial membranes. Protoplasma, 2002, 219, 160-167.	2.1	53
5	Plasmalogen-Based Liquid Crystalline Multiphase Structures Involving Docosapentaenoyl Derivatives Inspired by Biological Cubic Membranes. Frontiers in Cell and Developmental Biology, 2021, 9, 617984.	3.7	42
6	Coronavirus-Induced Host Cubic Membranes and Lipid-Related Antiviral Therapies: A Focus on Bioactive Plasmalogens. Frontiers in Cell and Developmental Biology, 2021, 9, 630242.	3.7	42
7	Docosapentaenoic acid (DPA) is a critical determinant of cubic membrane formation in amoeba <i>Chaos</i> mitochondria. FASEB Journal, 2009, 23, 2866-2871.	0.5	35
8	Evolution of cubic membranes as antioxidant defence system. Interface Focus, 2015, 5, 20150012.	3.0	32
9	Direct template matching reveals a host subcellular membrane gyroid cubic structure that is associated with SARS virus. Redox Report, 2005, 10, 167-171.	4.5	24
10	The Potential Role of Bioactive Plasmalogens in Lung Surfactant. Frontiers in Cell and Developmental Biology, 2021, 9, 618102.	3.7	21
11	A novel ratiometric and colorimetric chemosensor for highly sensitive, selective and ultrafast tracing of HClO in live cells, bacteria and zebrafish. Analytica Chimica Acta, 2021, 1161, 338472.	5.4	12
12	Evaluation of radical scavenging system in amoeba <i>Chaos carolinense</i> during nutrient deprivation. Interface Focus, 2017, 7, 20160113.	3.0	11
13	Multilayer gyroid cubic membrane organization in green alga <i>Zygnema</i> . Protoplasma, 2017, 254, 1923-1930.	2.1	10
14	Cubic membrane formation supports cell survival of amoeba <i>Chaos</i> under starvation-induced stress. Protoplasma, 2018, 255, 517-525.	2.1	10
15	Isolation of mitochondria with cubic membrane morphology reveals specific ionic requirements for the preservation of membrane structure. Protoplasma, 2015, 252, 689-696.	2.1	7
16	The Cubic "Faces" of Biomembranes. Behavior Research Methods, 2010, 12, 79-99.	4.0	5
17	Plasmalogen-rich foods promote the formation of cubic membranes in amoeba <i>Chaos</i> under stress conditions. FEBS Open Bio, 2021, 11, 2319-2328.	2.3	1