

Haden L Scott

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

684
citations

759233

12
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888059

17
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19
all docs

19
docs citations

19
times ranked

623
citing authors

#	ARTICLE	IF	CITATIONS
1	How cholesterol stiffens unsaturated lipid membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21896-21905.	7.1	212
2	Direct label-free imaging of nanodomains in biomimetic and biological membranes by cryogenic electron microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19943-19952.	7.1	81
3	On the Mechanism of Bilayer Separation by Extrusion, or Why Your LUVs Are Not Really Unilamellar. <i>Biophysical Journal</i> , 2019, 117, 1381-1386.	0.5	72
4	A Novel Soluble Peptide with pH-Responsive Membrane Insertion. <i>Biochemistry</i> , 2015, 54, 6567-6575.	2.5	52
5	Peptide-Induced Lipid Flip-Flop in Asymmetric Liposomes Measured by Small Angle Neutron Scattering. <i>Langmuir</i> , 2019, 35, 11735-11744.	3.5	41
6	Determination of the Membrane Translocation pK of the pH-Low Insertion Peptide. <i>Biophysical Journal</i> , 2017, 113, 869-879.	0.5	39
7	Phosphatidylserine Asymmetry Promotes the Membrane Insertion of a Transmembrane Helix. <i>Biophysical Journal</i> , 2019, 116, 1495-1506.	0.5	31
8	The Negative Charge of the Membrane Has Opposite Effects on the Membrane Entry and Exit of pH-Low Insertion Peptide. <i>Biochemistry</i> , 2015, 54, 1709-1712.	2.5	28
9	Molecular Structure of Sphingomyelin in Fluid Phase Bilayers Determined by the Joint Analysis of Small-Angle Neutron and X-ray Scattering Data. <i>Journal of Physical Chemistry B</i> , 2020, 124, 5186-5200.	2.6	24
10	Model Membrane Systems Used to Study Plasma Membrane Lipid Asymmetry. <i>Symmetry</i> , 2021, 13, 1356.	2.2	23
11	Reply to Nagle et al.: The universal stiffening effects of cholesterol on lipid membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	18
12	Biomembrane Structure and Material Properties Studied With Neutron Scattering. <i>Frontiers in Chemistry</i> , 2021, 9, 642851.	3.6	14
13	Lactoferricins impair the cytosolic membrane of <i>Escherichia coli</i> within a few seconds and accumulate inside the cell. <i>ELife</i> , 0, 11, .	6.0	12
14	Structure and Interdigitation of Chain-Asymmetric Phosphatidylcholines and Milk Sphingomyelin in the Fluid Phase. <i>Symmetry</i> , 2021, 13, 1441.	2.2	9
15	Disentangling Memristive and Memcapacitive Effects in Droplet Interface Bilayers Using Dynamic Impedance Spectroscopy. <i>Advanced Electronic Materials</i> , 2022, 8, .	5.1	9
16	Interdigitation-Induced Order and Disorder in Asymmetric Membranes. <i>Journal of Membrane Biology</i> , 2022, 255, 407-421.	2.1	9
17	Evolution of the analytical scattering model of live <i>Escherichia coli</i> . <i>Journal of Applied Crystallography</i> , 2021, 54, 473-485.	4.5	8
18	FRET from phase-separated vesicles: An analytical solution for a spherical geometry. <i>Chemistry and Physics of Lipids</i> , 2020, 233, 104982.	3.2	2