Deborah L Gater

List of Publications by Year
in descending order

15 papers	172 citations	1478505 6 h-index	1474206 9 g-index
15 all docs	15 docs citations	15 times ranked	316 citing authors

#	Article	IF	Citations
1	Two Classes of Cholesterol Binding Sites for the Î² 2 AR Revealed byÂThermostability and NMR. Biophysical Journal, 2014, 107, 2305-2312.	0.5	50
2	Development of transdermal vitamin D3 (VD3) delivery system using combinations of PLGA nanoparticles and microneedles. Drug Delivery and Translational Research, 2018, 8, 281-290.	5.8	37
3	Hydrogen Bonding of Cholesterol in the Lipidic Cubic Phase. Langmuir, 2013, 29, 8031-8038.	3.5	35
4	Therapeutic vitamin delivery: Chemical and physical methods with future directions. Journal of Controlled Release, 2019, 298, 83-98.	9.9	14
5	Formation of the liquid-ordered phase in fully hydrated mixtures of cholesterol and lysopalmitoylphosphatidylcholine. Soft Matter, 2008, 4, 263-267.	2.7	12
6	Non-invasive single cell biomechanical analysis using live imaging datasets. Journal of Cell Science, 2016, 129, 3351-64.	2.0	10
7	Connecting spiking neurons to a spiking memristor network changes the memristor dynamics. , 2013, , .		7
8	Quantification of sterol-specific response in human macrophages using automated imaged-based analysis. Lipids in Health and Disease, 2017, 16, 242.	3.0	4
9	Effect of cholecalciferol on unsaturated model membranes. Chemistry and Physics of Lipids, 2021, 235, 105058.	3.2	2
10	Detection of some amino acids with modulation-doped and surface-nanoengineered GaAs Schottky P-I-N diodes. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2020, 38, 054002.	1.2	1
11	The Monoolein-Cholesterol Cubic Phase: Characterization by NMR Spectroscopy. Biophysical Journal, 2012, 102, 390a.	0.5	0
12	Cholesterol-Gpcr (B2AR) Interaction in Lipidic Cubic Phase: Insight fromÂ13C NMR. Biophysical Journal, 2014, 106, 715a.	0.5	0
13	Neural Net to Neuronal Network Memristor Interconnects. Studies in Computational Intelligence, 2015, , 153-168.	0.9	0
14	Quantifying Amino Acids Specificity in the Protein Radiation Damage. Biophysical Journal, 2016, 110, 507a.	0.5	0
15	Modulation of Gel Phase Model Membranes by Vitamin D-Related Proteins. Biophysical Journal, 2016, 110, 420a.	0.5	0