

Sergey Adichtchev

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

70
citations

1684188
5
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

50
citing authors

#	ARTICLE	IF	CITATIONS
1	Brillouin spectroscopy of biorelevant fluids in relation to viscosity and solute concentration. <i>Physical Review E</i> , 2019, 99, 062410.	2.1	20
2	Exploration of the Crystal Structure and Thermal and Spectroscopic Properties of Monoclinic Praseodymium Sulfate Pr ₂ (SO ₄) ₃ . <i>Molecules</i> , 2022, 27, 3966.	3.8	14
3	Vibrational layer eigenmodes of binary phospholipid-cholesterol bilayers at low temperatures. <i>Physical Review E</i> , 2019, 99, 022417.	2.1	11
4	Raman spectroscopy and DSC assay of the phase coexistence in binary DMPC/cholesterol multilamellar vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183514.	2.6	8
5	Brillouin study of elastic properties of nanometric phospholipid layers in aqueous suspensions of vesicles. <i>Ferroelectrics</i> , 2019, 541, 10-16.	0.6	5
6	Effect of the Hydrocarbon Chain Disorder in Phosphatidylcholine Bilayers on Gigahertz Sound Velocity. <i>Journal of Physical Chemistry B</i> , 2020, 124, 9079-9085.	2.6	5
7	Dynamic response on a nanometer scale of binary phospholipid-cholesterol vesicles: Low-frequency Raman scattering insight. <i>Physical Review E</i> , 2021, 104, 054406.	2.1	4
8	Temperature dependence of elastic properties of the phospholipid vesicles in aqueous suspension probed by Brillouin spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 495102.	1.8	3