

Sergey Adichtchev

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	Brillouin study of elastic properties of nanometric phospholipid layers in aqueous suspensions of vesicles. <i>Ferroelectrics</i> , 2019, 541, 10-16.	0.6	5
7	Brillouin spectroscopy of biorelevant fluids in relation to viscosity and solute concentration. <i>Physical Review E</i> , 2019, 99, 062410.	2.1	20
8	Vibrational layer eigenmodes of binary phospholipid-cholesterol bilayers at low temperatures. <i>Physical Review E</i> , 2019, 99, 022417.	2.1	11