

Natalia Osiecka

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Signatures of glass transition in partially ordered phases. <i>Liquid Crystals</i> , 2013, 40, 1436-1442.	0.9	36
2	New Insight Into Thermodynamical Stability of Carbamazepine. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 2654-2660.	1.6	20
3	TOApy program for the thermo-optical analysis of phase transitions. <i>Thermochimica Acta</i> , 2017, 655, 106-111.	1.2	19
4	X-ray studies of the smectic B phase of the 4-bromobenzylidene-4'-alkoxyanilines. <i>Phase Transitions</i> , 2012, 85, 314-321.	0.6	14
5	Dynamics and Phase Transitions of 4-Bromobenzylidene-4'-pentyloxyaniline and 4-Bromobenzylidene-4'-hexyloxyaniline as Studied by Dielectric Spectroscopy. <i>Acta Physica Polonica A</i> , 2013, 124, 913-916.	0.2	14
6	Structure and molecular packing in smectic B _{Cr} and A _d phases of Schiff base liquid crystal compounds through the analyses of layer spacing, entropy and crystal structure. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 19434-19441.	1.3	14
7	FT-IR and Two-Dimensional Correlation Analysis of the Liquid Crystalline Phase Transitions in the 4-Bromobenzylidene-4'-alkoxyanilines. <i>Journal of Physical Chemistry B</i> , 2013, 117, 10612-10618.	1.2	13
8	Insight into polymorphism of the ethosuximide (ETX). <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 133, 961-967.	2.0	13
9	On new scaling of dielectric response. <i>Journal of Applied Physics</i> , 2015, 118, .	1.1	11
10	Volumetric, dielectric, calorimetric and X-ray studies of smectogenic 10PBO8 at atmospheric and elevated pressures. <i>Liquid Crystals</i> , 2012, 39, 993-1001.	0.9	10
11	Studies of reorganization of the molecules during smectic A-smectic C phase transition using infrared spectroscopy and generalized two-dimensional correlation analysis. <i>Journal of Molecular Liquids</i> , 2016, 224, 677-683.	2.3	10
12	Surface and liquid-crystalline properties of FmHnFm triblock semifluorinated n-alkanes. <i>Materials Science and Engineering C</i> , 2016, 62, 870-878.	3.8	8
13	Polymorphism, structure and dynamics investigations of 4-cyano-3-fluorophenyl 4'-n-octylbenzoate (8CFPB) liquid crystal. <i>Vibrational Spectroscopy</i> , 2017, 92, 119-126.	1.2	8
14	Universal scaling of dielectric response of various liquid crystals and glass-forming liquids. <i>Phase Transitions</i> , 2016, 89, 341-348.	0.6	7
15	Mesophases of non-conventional liquid crystalline molecules. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 126, 689-697.	2.0	6
16	Molecular Dynamic in Ethosuximide Glass Forming Pharmaceutical as Studied by Dielectric Relaxation Spectroscopy. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 102-108.	1.6	6
17	Investigation of phase transitions in liquid crystal 12BBAA using window clustering of infrared spectra. <i>Journal of Molecular Liquids</i> , 2021, 341, 117233.	2.3	6
18	Effect of flip-flop motion on dielectric spectra of highly ordered liquid crystals. <i>Physical Review E</i> , 2015, 92, 052503.	0.8	5

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19	Fourier transform infrared spectroscopy and X-ray diffraction studies of the molecular motions and structure changes of liquid crystal N-P-(Ethoxybenzylidene) p-2-propylaniline (EBPA). <i>Vibrational Spectroscopy</i> , 2017, 92, 62-69.	1.2	5
20	Synthesis and thermal behavior of triblock semifluorinated n-alkanes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 124, 251-260.	2.0	3
21	Synthesis, mesogenic and photoisomerization studies of (E)-4-[(4-pentyloxyphenyl)diazenyl]phenyl alkanoates. <i>Phase Transitions</i> , 2019, 92, 1066-1076.	0.6	2
22	Esters of 4-nitrocinnamic acids and 4-halogeno-4-hydroxyazobenzenes – synthesis, mesogenic and optical studies. <i>Phase Transitions</i> , 2019, 92, 217-228.	0.6	2
23	Vibrational dynamics of ethosuximide polymorphs. Infrared absorption and inelastic neutron scattering spectroscopy and model calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, , 121468.	2.0	1