

Ewa Juszyńska Gańska

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Tuning of Charge Transfer Assisted Phase Transition and Slow Magnetic Relaxation Functionalities in $\{Fe^{II}Co^{III}[W(CN)_8]_6\}$ ($x = 0-9$) Molecular Solid Solution. <i>Journal of the American Chemical Society</i> , 2016, 138, 1635-1646.	6.6	76
2	Charge transfer phase transition with reversed thermal hysteresis loop in the mixed-valence $Fe_9[W(CN)_8]_6 \cdot xMeOH$ cluster. <i>Chemical Communications</i> , 2014, 50, 3484.	2.2	41
3	Signatures of glass transition in partially ordered phases. <i>Liquid Crystals</i> , 2013, 40, 1436-1442.	0.9	36
4	Infrared Spectroscopic and X-ray Studies of the 4-Propyl-4'-isothiocyanatobiphenyl (3TCB). <i>Journal of Physical Chemistry B</i> , 2009, 113, 7435-7442.	1.2	31
5	Optical Activity and Dehydration-Driven Switching of Magnetic Properties in Enantiopure Cyanido-Bridged $Co^{II}Co^{III}W^{IV}_2$ Trigonal Bipyramids. <i>Inorganic Chemistry</i> , 2015, 54, 5784-5794.	1.9	27
6	Kinetics of Non-Isothermal and Isothermal Crystallization in a Liquid Crystal with Highly Ordered Smectic Phase as Reflected by Differential Scanning Calorimetry, Polarized Optical Microscopy and Broadband Dielectric Spectroscopy. <i>Crystals</i> , 2019, 9, 205.	1.0	22
7	Interplay between Crystallization and Glass Transition in Nematic Liquid Crystal 2,7-Bis(4-pentylphenyl)-9,9-diethyl-9H-fluorene. <i>Journal of Physical Chemistry B</i> , 2018, 122, 10627-10636.	1.2	21
8	Non-isothermal and isothermal cold crystallization of glass-forming chiral smectic liquid crystal (S)-4'-((1-methyloctyloxycarbonyl) biphenyl-4-yl 4-[7-(2,2,3,3,4,4,4-heptafluorobutoxy) heptyl-1-oxy]-benzoate. <i>Journal of Molecular Liquids</i> , 2020, 319, 114153.	2.3	21
9	Glass Transition Dynamics and Crystallization Kinetics in the Smectic Liquid Crystal 4'-n-Butyloxybenzylidene-4'-octylaniline (BBOA). <i>Journal of Physical Chemistry B</i> , 2016, 120, 12160-12167.	1.2	19
10	On the relaxation dynamics of a double glass-forming antiferroelectric liquid crystal. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 8673-8688.	1.3	19
11	Phase Transition and Structure Studies of a Liquid Crystalline Schiff-Base Compound (4O.8). <i>Molecular Crystals and Liquid Crystals</i> , 2011, 540, 127-134.	0.4	18
12	DSC studies of neohexanol and its isomers. <i>Phase Transitions</i> , 2006, 79, 899-909.	0.6	17
13	Relaxation dynamics and crystallization study of glass-forming chiral-nematic liquid crystal S,S-2,7-bis(4-pentylphenyl)-9,9-dimethylbutyl 9H-fluorene (5P-Am*FLAm*-P5). <i>European Physical Journal E</i> , 2019, 42, 121.	0.7	17
14	Vibrational Dynamics of a Chiral Smectic Liquid Crystal Undergoing Vitrification and Cold Crystallization. <i>Crystals</i> , 2020, 10, 655.	1.0	17
15	Comparative study of electrooptic, dielectric, and structural properties of two glassforming antiferroelectric mixtures with a high tilt angle. <i>Physical Review E</i> , 2022, 105, 024705.	0.8	16
16	Neutron scattering studies of solid-state polymorphism in dimethyl butanol glass formers. <i>Physica B: Condensed Matter</i> , 2008, 403, 109-114.	1.3	15
17	Structural, magnetic, dielectric and mechanical properties of (Ba,Sr)MnO ₃ ceramics. <i>Journal of the European Ceramic Society</i> , 2017, 37, 1477-1486.	2.8	14
18	Investigation of crystallization kinetics and its relationship with molecular dynamics for chiral fluorinated glassforming smectogen 3F5HPH6. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 19795-19810.	1.3	14

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19	Phase Behavior and Dynamics of the Liquid Crystal 4-ethyl-4-(2-methylbutoxy)azoxybenzene (4ABO5*). Journal of Physical Chemistry B, 2014, 118, 141212113427005.	1.2	13
20	Insight into polymorphism of the ethosuximide (ETX). Journal of Thermal Analysis and Calorimetry, 2018, 133, 961-967.	2.0	13
21	Solid State Polymorphism and Dynamics of 2,2-Dimethylbutan-1-ol as Studied by Adiabatic Calorimetry and Dielectric Spectroscopy. Acta Physica Polonica A, 2013, 124, 917-925.	0.2	11
22	On new scaling of dielectric response. Journal of Applied Physics, 2015, 118, .	1.1	11
23	Vibrational Dynamics of Carbamazepine: Studies Based on Two-Dimensional Correlation Spectroscopy and X-ray Diffraction. Applied Spectroscopy, 2020, 74, 473-484.	1.2	11
24	Effect of high pressure on relaxation dynamics and crystallization kinetics of chiral liquid crystal in its smectic phase. Physical Chemistry Chemical Physics, 2021, 23, 17466-17478.	1.3	11
25	Molecular Dynamics of 4-Cyano-3-Fluorophenyl 4-Butylbenzoate as Studied by Dielectric Relaxation Spectroscopy. Acta Physica Polonica A, 2010, 117, 532-536.	0.2	11
26	Cold-crystallization and physical stability of glassy carbamazepine. Thermochemica Acta, 2022, 707, 179100.	1.2	11
27	Mesomorphic properties of resorcinol. Journal of Molecular Structure, 2015, 1082, 103-113.	1.8	10
28	Studies of reorganization of the molecules during smectic A-smectic C phase transition using infrared spectroscopy and generalized two-dimensional correlation analysis. Journal of Molecular Liquids, 2016, 224, 677-683.	2.3	10
29	Influence of fluorosubstitution on physical properties of the smectogenic chiral ester. Materials Research Bulletin, 2022, 150, 111756.	2.7	10
30	Insight into cold- and melt crystallization phenomena of a smectogenic liquid crystal. CrystEngComm, 2022, 24, 3074-3087.	1.3	10
31	Dynamics of two glass forming monohydroxy alcohols by field cycling 1H NMR relaxometry. Journal of Molecular Liquids, 2018, 269, 847-854.	2.3	9
32	Thermoanalytical studies of a cytotoxic derivative of carbamazepine: iminostilbene. Journal of Thermal Analysis and Calorimetry, 2021, 146, 2151-2160.	2.0	9
33	Soft versus hard confinement effects on the phase transitions, and intra- and inter- molecular dynamics of 6BT liquid crystal constrained in electrospun polymer fibers and in nanopores. Journal of Molecular Liquids, 2021, 331, 115817.	2.3	9
34	Dielectric Spectroscopy Studies of 4-Cyano-3-fluorophenyl 4-Butylbenzoate Liquid Crystal at High Pressure. Acta Physica Polonica A, 2012, 122, 378-381.	0.2	9
35	Free-Volume and Tensile Properties of Glass Fibre Reinforced Polyamide-6 Composites. Acta Physica Polonica A, 2017, 132, 1501-1505.	0.2	9
36	Description of Release Process of Doxorubicin from Modified Carbon Nanotubes. International Journal of Molecular Sciences, 2021, 22, 12003.	1.8	9

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37	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
38	Biological Performances of Plasmonic Biohybrids Based on Phyto-Silver/Silver Chloride Nanoparticles. <i>Nanomaterials</i> , 2021, 11, 1811.	1.9	8
39	On relaxation and vibrational dynamics in the thermodynamic states of a chiral smectogenic glass-former. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 4595-4612.	1.3	8
40	Molecular dynamics of 4-cyano-3-fluorophenyl 4-butylbenzoate (4CFPB) glass-forming liquid crystal in unidirectional silicon nanopores. <i>Liquid Crystals</i> , 2014, 41, 1073-1079.	0.9	7
41	Physical properties of $(1-x)\text{Ba}_{0.95}\text{Pb}_{0.05}\text{TiO}_3+x\text{Co}_2\text{O}_3$ ($x=0, 0.1, 0.3, 0.5, 1.0, 2.0\text{wt}\%$) ceramics. <i>Ceramics International</i> , 2015, 41, 3983-3991.	2.3	7
42	Universal scaling of dielectric response of various liquid crystals and glass-forming liquids. <i>Phase Transitions</i> , 2016, 89, 341-348.	0.6	7
43	Study on the thermal performance of carbamazepine at different temperatures, pressures and atmosphere conditions. <i>Thermochimica Acta</i> , 2021, 703, 178990.	1.2	7
44	Isothermal cold crystallization of antiferroelectric liquid crystal 3F5BFBiHex. <i>Journal of Molecular Liquids</i> , 2021, 339, 117076.	2.3	7
45	IINS, MIR, and DFT Investigations of Vibrational Spectra of 3, 3-Dimethyl-1-Butanol and 3, 3-Dimethyl-2-Butanol. <i>Acta Physica Polonica A</i> , 2008, 113, 1131-1143.	0.2	7
46	General specific heat dependences on temperature in neohexanol and its isomers. <i>Physica B: Condensed Matter</i> , 2011, 406, 4342-4349.	1.3	6
47	Positron annihilation studies of 4-n-butyl-4-isothiocyanato-1,1-biphenyl. <i>Physical Review E</i> , 2013, 88, 022504.	0.8	6
48	Dynamics of the Chiral Liquid Crystal 4-Butyl-4-(2-methylbutoxy)azoxybenzene in the Isotropic, Cholesteric, and Solid Phases: A Fast Field-Cycling NMR Relaxometry Study. <i>Journal of Physical Chemistry B</i> , 2016, 120, 5083-5092.	1.2	6
49	Polymorphism of 1,3-cyclohexanediols: molecular structure and plastic crystal formation of cyclohexanediol isomers. <i>CrystEngComm</i> , 2019, 21, 3395-3408.	1.3	6
50	Formation of Hydrogen Bonds; Hydroxyl and Methyl Groups Dynamics in 2,2-dimethylbutan-1-ol and 2,3-dimethylbutan-2-ol: DFT, IINS and IR Investigations. <i>Acta Physica Polonica A</i> , 2012, 122, 765-775.	0.2	6
51	Isothermal high-pressure studies of 4-cyano-3-fluorophenyl 4-butylbenzoate dynamics near room temperature. <i>Physical Review E</i> , 2012, 86, 051702.	0.8	5
52	Fourier transform infrared spectroscopy and X-ray diffraction studies of the molecular motions and structure changes of liquid crystal N-P-(Ethoxybenzylidene) propylaniline (EBPA). <i>Vibrational Spectroscopy</i> , 2017, 92, 62-69.	1.2	5
53	Mesomorphic and physicochemical properties of liquid crystal mixture composed of chiral molecules with perfluorinated terminal chains. <i>Journal of Molecular Structure</i> , 2017, 1130, 503-510.	1.8	5
54	Vibrational dynamics of glass forming: 2-phenylbutan-1-ol (BEP), 2-(trifluoromethyl)phenethyl alcohol (2TFMP) and 4-(trifluoromethyl)phenethyl alcohol (4TFMP) in their thermodynamic phases. <i>Phase Transitions</i> , 2018, 91, 170-185.	0.6	5

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55	Molecular Dynamics and Kinetics of Isothermal Cold Crystallization in the Chiral Smectogenic 3F7PhH6 Glassformer. Crystals, 2021, 11, 1487.	1.0	5
56	Positronium formation and annihilation in liquid crystalline smectic- E phase revisited. Physical Review E, 2016, 93, 022705.	0.8	4
57	Phase behaviour and dynamics of the liquid crystal 4-ethyl-4'-octylazoxybenzene (4EOB). Phase Transitions, 2019, 92, 1089-1101.	0.6	4
58	Studies of molecular dynamics and non-isothermal crystallization process of 4-n-butyloxybenzylidene-4'-n-octylaniline (BBOA) liquid crystal under two dimensional nano-confinement. Journal of Molecular Liquids, 2020, 308, 113039.	2.3	4
59	Comparative study of crystallization of two fluorinated chiral liquid crystalline compounds differing by fluorosubstitution of the molecular core. Journal of Crystal Growth, 2022, 593, 126771.	0.7	4
60	QENS study of molecular motions in partially deuterated liquid crystal 4BT. Phase Transitions, 2016, 89, 411-418.	0.6	3
61	Dynamics of Dimethylbutanols in Plastic Crystalline Phases by Field Cycling 1H NMR Relaxometry. Journal of Physical Chemistry B, 2018, 122, 9792-9802.	1.2	3
62	Mesomorphic behaviour and vibrational dynamics of n -CFPB liquid crystalline homologues. Phase Transitions, 2019, 92, 1077-1088.	0.6	3
63	Kinetics of non-isothermal cold crystallization in the antiferroelectric smectic phase of 3F5BFBiHex as seen by differential scanning calorimetry and broadband dielectric spectroscopy. Journal of Molecular Liquids, 2021, 323, 115040.	2.3	3
64	Translational and rotational diffusion of three glass forming alcohols by 1H field cycling NMR relaxometry. Journal of Molecular Liquids, 2021, 330, 115597.	2.3	3
65	Description of isomorphous transformations in materials with various kinds of molecular disorder. Phase Transitions, 2013, 86, 238-250.	0.6	2
66	Phase polymorphism and thermal stability of new cholesterol thioesters derivatives. Liquid Crystals, 2015, 42, 1405-1418.	0.9	2
67	The Solid State Polymorphism and Dynamics of 2,3-Dimethylbutan-2-ol (2,3-DM-2-B). Acta Physica Polonica A, 2012, 122, 693-697.	0.2	2
68	Vibrational dynamics of ethosuximide polymorphs. Infrared absorption and inelastic neutron scattering spectroscopy and model calculations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, , 121468.	2.0	1
69	Studies of New Antiferroelectric Liquid Crystal Based on Quantum-Chemical Model. Acta Physica Polonica A, 2013, 124, 949-953.	0.2	0
70	Positron annihilation in liquid crystals. Nukleonika, 2015, 60, 703-708.	0.3	0
71	Spectroscopic and positron lifetime measurements of hydrogenated single walled carbon nanohorns. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 2461-2467.	0.8	0
72	Molecular Dynamics of a Liquid Crystal with Highly Ordered Smectic E Phase under Different Forms of Confinement. Proceedings (mdpi), 2019, 26, .	0.2	0

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73	Free volume in the smectic- E phase of 4-hexyl-4' isothiocyanatobiphenyl studied by positron annihilation spectroscopy. Physical Review E, 2020, 101, 022705.	0.8	0