Jan Krawczyk

List of Publications by Year in descending order

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Version: 2024-02-01



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#	Article	lF	CITATIONS
1	Neutron spectroscopy of MnH0.86, NiH1.05, PdH0.99 and harmonic behaviour of their optical phonons. Physica B: Condensed Matter, 1991, 174, 257-261.	2.7	52
2	Signatures of glass transition in partially ordered phases. Liquid Crystals, 2013, 40, 1436-1442.	2.2	36
3	Parameters of the NERA spectrometer for cold and thermal moderators of the IBR-2 pulsed reactor. Journal of Physics: Conference Series, 2014, 554, 012002.	0.4	32
4	Thermodynamic properties of chiral liquid crystalline material (S)-4-(2-methylbutyl)-4′-cyanobiphenyl (5â^—CB). Journal of Chemical Thermodynamics, 2008, 40, 1232-1242.	2.0	25
5	Molecular reorientation in the nematic and rotatory phases of 4,4'-di- <i>n</i> -pentyloxyazoxybenzene. Liquid Crystals, 1986, 1, 561-572.	2.2	21
6	Viberational spectroscopy of dispersed silica: inelastic neutron scattering. Journal of Electron Spectroscopy and Related Phenomena, 1990, 54-55, 855-876.	1.7	20
7	Thermal and relaxational properties of glass-forming material, 3,3-dimethyl-1-butanol. Journal of Chemical Thermodynamics, 2004, 36, 877-888.	2.0	19
8	CALORIMETRIC AND DIELECTRIC STUDIES OF RELAXATION ACCOMPANYING A GLASS TRANSITION IN THE RIGHT-HANDED ISOPENTYLCYANOBIPHENYL (5*CB). Molecular Crystals and Liquid Crystals, 2001, 366, 211-220.	0.3	18
9	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). European Physical Journal E, 2019, 42, 121.	1.6	17
10	A quasielastic neutron scattering study of molecular reorientation in the nematic phases of PAP and POAB. Liquid Crystals, 1986, 1, 127-132.	2.2	16
11	Neutron scattering studies of solid-state polymorphism in dimethyl butanol glass formers. Physica B: Condensed Matter, 2008, 403, 109-114.	2.7	15
12	Computationally Supported Neutron Scattering Study of Natural and Synthetic Amorphous Carbons. Journal of Physical Chemistry C, 2019, 123, 15841-15850.	3.1	13
13	Calorimetric, nuclear magnetic resonance, and quasi-elastic neutron scattering studies of the aerosol OT-D2O system. Journal of Colloid and Interface Science, 1983, 92, 358-366.	9.4	11
14	Neutron scattering study of molecular motions in the naphthalene–tetracyanobenzene complex. Journal of Chemical Physics, 1986, 85, 7289-7293.	3.0	11
15	Solid State Polymorphism and Dynamics οf 2,2-Dimethylbutan-1-ol as Studied by Adiabatic Calorimetry and Dielectric Spectroscopy. Acta Physica Polonica A, 2013, 124, 917-925.	0.5	11
16	Molecular Dynamics of 4-Cyano-3-Fluorophenyl 4-Butylbenzoate as Studied by Dielectric Relaxation Spectroscopy. Acta Physica Polonica A, 2010, 117, 532-536.	0.5	11
17	Neutron-scattering study of low-energy excitations in some organic glass formers. Physica B: Condensed Matter, 2006, 371, 249-256.	2.7	10
18	A study of out-of-plane cation dynamics in a bis-thiourea pyridinium chloride inclusion compound. Physical Chemistry Chemical Physics, 2011, 13, 8908.	2.8	9

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#	Article	IF	CITATIONS
19	Dielectric Spectroscopy Studies of 4-Cyano-3-fluorophenyl 4-Butylbenzoate Liquid Crystal at High Pressure. Acta Physica Polonica A, 2012, 122, 378-381.	0.5	9
20	Quasielastic Neutron Scattering Study of Reorienting di-heptyloxyazoxybenzene (HOAB) Molecules in the Nematic and Smectic C Phases. Molecular Crystals and Liquid Crystals, 1982, 89, 171-180.	0.8	8
21	Molecular dynamics of the liquid crystal 6O2OCB in nanopores. Journal of Physics Condensed Matter, 2002, 14, 8435-8443.	1.8	8
22	Inelastic and quasielastic neutron scattering and IR and R spectroscopic studies of 1,2,4,5-tetracyanobenzene(TCNB)-1,2,4,5-tetramethylbenzene (durene) complex¥. Phase Transitions, 2007, 80, 489-500.	1.3	8
23	Quasielastic neutron scattering study of fast reorientations in nematic p-azoxyanisole. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 92, 351-359.	0.9	7
24	Dielectric relaxation studies of 4-(2-hexyloxyethoxy)4′-cyanobiphenyl (6O2OCB) enclosed in SiO2nanopores. Phase Transitions, 2007, 80, 687-695.	1.3	7
25	Quasi-elastic neutron scattering of cyanobiphenyl compounds with different terminal chains. Journal of Non-Crystalline Solids, 2011, 357, 734-739.	3.1	7
26	Molecular dynamics of 4-cyano-3-fluorophenyl 4-butylbenzoate (4CFPB) glass-forming liquid crystal in unidirectional silicon nanopores. Liquid Crystals, 2014, 41, 1073-1079.	2.2	7
27	Elastic, quasielastic, and inelastic neutron-scattering studies on the charge-transfer hexamethylbenzene-tetracyanoquinodimethane complex. Journal of Chemical Physics, 2005, 123, 124305.	3.0	6
28	Neutron Scattering in 3,3-Dimethyl-2-Butanol and 2,3-Dimethyl-2-Butanol. Solid State Phenomena, 2006, 112, 89-92.	0.3	6
29	Disorder in crystalline phases of chiral glass formers 5â^—CB and 8â^—OCB evidenced by the low temperature heat capacity. Chemical Physics Letters, 2008, 463, 90-93.	2.6	6
30	(<i>S</i>)-4-(2-Methylbutyl)-4′-Cyanobiphenyl (5*CB) Glass Former: Are the Crystalline Polymorphs Ordered?. Molecular Crystals and Liquid Crystals, 2011, 540, 102-110.	0.9	6
31	<title>Correlations in a system with complex dynamics</title> . , 1999, 4017, 158.		5
32	Relaxation in glass and cholesteric phase of isopentylcyanobiphenyl. Physica B: Condensed Matter, 2000, 276-278, 487-488.	2.7	5
33	Quasi-elastic (QENS) and inelastic neutron scattering (INS) on hexamethylbenzene. Physica B: Condensed Matter, 2005, 362, 271-277.	2.7	5
34	Isothermal high-pressure studies of 4-cyano-3-fluorophenyl 4-butylbenzoate dynamics near room temperature. Physical Review E, 2012, 86, 051702.	2.1	5
35	CRITICAL STUDIES OF MOLECULAR REORIENTATION IN ORIENTED PAA WITH VARIOUS KINDS OF DEUTERATION. Journal De Physique Colloque, 1979, 40, C3-169-C3-173.	0.2	5
36	Neutron-scattering study of low-energy excitations in triphenyl phosphite. Applied Physics A: Materials Science and Processing, 2002, 74, s439-s441.	2.3	4

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37	Calorimetric and Positron Lifetime Measurements οf Hydrogenated Carbon Nanocones. Acta Physica Polonica A, 2010, 117, 574-577.	0.5	4
38	Quasi-elastic neutron scattering (QENS) studies on the 1:1 tetramethylpyrazine–1,2,4,5-tetracyanobenzene complex. Collection of Czechoslovak Chemical Communications, 2009, 74, 73-84.	1.0	3
39	Low-temperature dynamics of (S)-4-(1-methylheptyloxy)-4ʹ-cyanobiphenyl (8*OCB) and (S)-4-(2-methylbutyl)-4ʹ-cyanobiphenyl (5*CB) in disordered crystalline and glassy phases. Liquid Crystals, 2019, 46, 94-101.	2.2	2
40	Fast Stochastic Reorientations in Nematic PAA and PAP. Acta Physica Polonica A, 1997, 91, 513-518.	0.5	2
41	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.	0.5	2
42	Intense quasielastic neutron scattering of 4,4′-diethyoxyazoxybenzene and its connection with the inelastic neutron scattering spectrum. Liquid Crystals, 1991, 10, 703-708.	2.2	1
43	Neutron incoherent scattering study of NH3 low energy transitions in hexammine compounds. Physica B: Condensed Matter, 1997, 234-236, 57-58.	2.7	0
44	Neutron incoherent scattering study of NH3 low-energy transitions in hexammine compounds II. Physica B: Condensed Matter, 1997, 233, 179-186.	2.7	0
45	Neutron quasielastic scattering by (CH3NH3)5Bi2Cl11. Physica B: Condensed Matter, 1997, 241-243, 481-483.	2.7	0
46	Quasielastic neutron scattering (QNS) study of cation rotation in (CH3NH3)5Bi2Cl11, (CD3NH3)5Bi2Cl11 and (CH3NH3)5Bi2Br11. Physica B: Condensed Matter, 1999, 271, 309-314.	2.7	0
47	Spectroscopic and positron lifetime measurements of hydrogenated single walled carbon nanohorns. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 2461-2467.	1.8	0
48	Cooperation or Defection Strategies of Conduct in Conflict-Prone Situations. Dialogue and Universalism, 2008, 18, 119-125.	0.0	0