

Dorota Dardas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1702339/publications.pdf>

Version: 2024-02-01

27
papers

229
citations

932766

10
h-index

1058022

14
g-index

29
all docs

29
docs citations

29
times ranked

114
citing authors

#	ARTICLE	IF	CITATIONS
1	Modification of AFLC Physical Properties by Doping with BaTiO ₃ Particles. Journal of Physical Chemistry B, 2020, 124, 6055-6073.	1.2	27
2	Systematic study of the chiral smectic phases of a fluorinated compound. Liquid Crystals, 2019, 46, 2256-2268.	0.9	24
3	Phase Transitions in a Liquid Crystal with Long-Range Dipole Order. Ferroelectrics, 2002, 274, 83-100.	0.3	20
4	New antiferroelectric liquid crystal for use in LCD. Phase Transitions, 2016, 89, 349-358.	0.6	14
5	Non-linear electrooptic effect in antiferroelectric liquid crystal. Opto-electronics Review, 2009, 17, .	2.4	13
6	Measurements of absolute values of electrooptic coefficients in a ferroelectric liquid crystal. Phase Transitions, 2006, 79, 213-222.	0.6	12
7	Field-induced dynamics of ferroelectric liquid crystals with elastic interfacial confinement. Soft Matter, 2010, 6, 2786.	1.2	11
8	Determination of twist elastic constant in antiferroelectric liquid crystals. Measurement Science and Technology, 2011, 22, 085707.	1.4	11
9	Director distribution and surface anchoring potential in Grandjean-Cano wedge. Liquid Crystals, 2014, 41, 1448-1454.	0.9	11
10	Determination of the bulk rotational viscosity coefficient in a chiral smectic C* liquid crystal. Phase Transitions, 2009, 82, 444-451.	0.6	10
11	Linear and quadratic electrooptic effects in antiferroelectric liquid crystals. Ferroelectrics, 2000, 244, 191-199.	0.3	9
12	Liquid-Crystalline Polymorphism of Symmetrical Azobananas: bis(4-(4-alkylphenyl)azophenyl) 2-nitroisophthalates. Molecular Crystals and Liquid Crystals, 2009, 509, 283/[1025]-291/[1033].	0.4	8
13	Electro-optic and viscoelastic properties of a ferroelectric liquid crystalline binary mixture. Phase Transitions, 2016, 89, 368-375.	0.6	6
14	Characterization of Some Fluorinated Mesogens for Application in Liquid Crystal Displays. Molecular Crystals and Liquid Crystals, 2011, 542, 28/[550]-36/[558].	0.4	5
15	Influence of the ester chain length on the mesogenic behavior and optical anisotropy of 4-[[4-(butoxy)phenyl]diazanyl]phenyl alkanoates. Phase Transitions, 2016, 89, 393-402.	0.6	5
16	Tuning the electro-optic and viscoelastic properties of ferroelectric liquid crystalline materials. Rheologica Acta, 2019, 58, 193-201.	1.1	5
17	Modifications of FLC Physical Properties through Doping with Fe ₂ O ₃ Nanoparticles (Part I). Materials, 2021, 14, 4722.	1.3	5
18	Determination of bulk values of twist elasticity coefficient in a chiral smectic C* liquid crystal. Opto-electronics Review, 2010, 18, .	2.4	4

#	ARTICLE	IF	CITATIONS
19	Comparison of methods for determination of viscoelastic properties in chiral smectics C*. Phase Transitions, 2012, 85, 358-363.	0.6	4
20	Flexo- and piezo-electric polarization of smectic layers in ferroelectric and antiferroelectric liquid crystals. Applied Physics Letters, 2015, 107, .	1.5	4
21	Application of second-harmonic electro-optical measurements in the study of polar liquid crystal phases. Liquid Crystals, 2016, 43, 1778-1783.	0.9	4
22	Nanocomposites Based on Antiferroelectric Liquid Crystal (S)-MHPOBC Doping with Au Nanoparticles. Molecules, 2022, 27, 3663.	1.7	4
23	Phase transitions and physical properties by a color texture analysis: Results for liquid crystals. Journal of Molecular Liquids, 2022, 362, 119699.	2.3	4
24	Comparison of dielectric and optical responses of chevron ferroelectric liquid crystals. Opto-electronics Review, 2008, 16, .	2.4	3
25	High permittivity of chiral tilted smectic phases in a binary mixture. Phase Transitions, 2013, 86, 153-160.	0.6	3
26	Determining the Kerr constant in optically isotropic liquid crystals. Physical Review E, 2022, 106, .	0.8	2
27	Examination of three new fluorinated tilted smectics. Phase Transitions, 2013, 86, 147-152.	0.6	1