

# Dorota Dardas

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Nanocomposites Based on Antiferroelectric Liquid Crystal (S)-MHPOBC Doping with Au Nanoparticles. <i>Molecules</i> , 2022, 27, 3663.	1.7	4
2	Determining the Kerr constant in optically isotropic liquid crystals. <i>Physical Review E</i> , 2022, 106, .	0.8	2
3	Phase transitions and physical properties by a color texture analysis: Results for liquid crystals. <i>Journal of Molecular Liquids</i> , 2022, 362, 119699.	2.3	4
4	Modifications of FLC Physical Properties through Doping with Fe <sub>2</sub> O <sub>3</sub> Nanoparticles (Part I). <i>Materials</i> , 2021, 14, 4722.	1.3	5
5	Modification of AFLC Physical Properties by Doping with BaTiO <sub>3</sub> Particles. <i>Journal of Physical Chemistry B</i> , 2020, 124, 6055-6073.	1.2	27
6	Systematic study of the chiral smectic phases of a fluorinated compound. <i>Liquid Crystals</i> , 2019, 46, 2256-2268.	0.9	24
7	Tuning the electro-optic and viscoelastic properties of ferroelectric liquid crystalline materials. <i>Rheologica Acta</i> , 2019, 58, 193-201.	1.1	5
8	Application of second-harmonic electro-optical measurements in the study of polar liquid crystal phases. <i>Liquid Crystals</i> , 2016, 43, 1778-1783.	0.9	4
9	Electro-optic and viscoelastic properties of a ferroelectric liquid crystalline binary mixture. <i>Phase Transitions</i> , 2016, 89, 368-375.	0.6	6
10	New antiferroelectric liquid crystal for use in LCD. <i>Phase Transitions</i> , 2016, 89, 349-358.	0.6	14
11	Influence of the ester chain length on the mesogenic behavior and optical anisotropy of 4-[[4-(butoxy)phenyl]diazanyl]phenyl alkanoates. <i>Phase Transitions</i> , 2016, 89, 393-402.	0.6	5
12	Flexo- and piezo-electric polarization of smectic layers in ferroelectric and antiferroelectric liquid crystals. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	4
13	Director distribution and surface anchoring potential in Grandjean-Cano wedge. <i>Liquid Crystals</i> , 2014, 41, 1448-1454.	0.9	11
14	High permittivity of chiral tilted smectic phases in a binary mixture. <i>Phase Transitions</i> , 2013, 86, 153-160.	0.6	3
15	Examination of three new fluorinated tilted smectics. <i>Phase Transitions</i> , 2013, 86, 147-152.	0.6	1
16	Comparison of methods for determination of viscoelastic properties in chiral smectics C*. <i>Phase Transitions</i> , 2012, 85, 358-363.	0.6	4
17	Characterization of Some Fluorinated Mesogens for Application in Liquid Crystal Displays. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 542, 28/[550]-36/[558].	0.4	5
18	Determination of twist elastic constant in antiferroelectric liquid crystals. <i>Measurement Science and Technology</i> , 2011, 22, 085707.	1.4	11

#	ARTICLE	IF	CITATIONS
19	Determination of bulk values of twist elasticity coefficient in a chiral smectic C* liquid crystal. Opto-electronics Review, 2010, 18, .	2.4	4
20	Field-induced dynamics of ferroelectric liquid crystals with elastic interfacial confinement. Soft Matter, 2010, 6, 2786.	1.2	11
21	Non-linear electrooptic effect in antiferroelectric liquid crystal. Opto-electronics Review, 2009, 17, .	2.4	13
22	Determination of the bulk rotational viscosity coefficient in a chiral smectic C* liquid crystal. Phase Transitions, 2009, 82, 444-451.	0.6	10
23	Liquid-Crystalline Polymorphism of Symmetrical Azobananas: bis(4-(4-alkylphenyl)azophenyl) 2-nitroisophtalates. Molecular Crystals and Liquid Crystals, 2009, 509, 283/[1025]-291/[1033].	0.4	8
24	Comparison of dielectric and optical responses of chevron ferroelectric liquid crystals. Opto-electronics Review, 2008, 16, .	2.4	3
25	Measurements of absolute values of electrooptic coefficients in a ferroelectric liquid crystal. Phase Transitions, 2006, 79, 213-222.	0.6	12
26	Phase Transitions in a Liquid Crystal with Long-Range Dipole Order. Ferroelectrics, 2002, 274, 83-100.	0.3	20
27	Linear and quadratic electrooptic effects in antiferroelectric liquid crystals. Ferroelectrics, 2000, 244, 191-199.	0.3	9