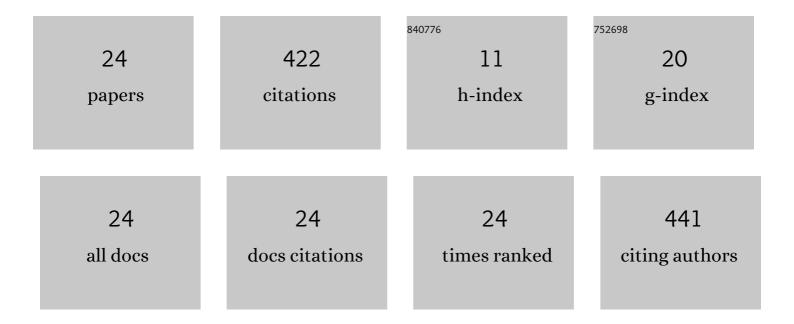
PrzemysÅ, aw Morawiak

List of Publications by Year in descending order

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Version: 2024-02-01



#	Article	IF	CITATIONS
1	Realizing Persistent-Spin-Helix Lasing in the Regime of Rashba-Dresselhaus Spin-Orbit Coupling in a Dye-Filled Liquid-Crystal Optical Microcavity. Physical Review Applied, 2022, 17, .	3.8	7
2	Fountain fringe field switching (FFFS) for wide viewing angle LCDs. Journal Physics D: Applied Physics, 2022, 55, 185102.	2.8	1
3	Induction of the smectic A phase in liquid crystalline mixtures formulated using non-chiral compounds with positive and negative dielectric anisotropy. Phase Transitions, 2022, 95, 523-536.	1.3	3
4	Observation of second-order meron polarization textures in optical microcavities. Optica, 2021, 8, 255.	9.3	28
5	Investigation of the tilt angle and spontaneous polarisation of antiferroelectric liquid crystals with a chiral centre based on (S)-(+)-3-octanol. Journal of Molecular Liquids, 2021, 328, 115378.	4.9	7
6	Realizing Optical Persistent Spin Helix and Stern-Gerlach Deflection in an Anisotropic Liquid Crystal Microcavity. Physical Review Letters, 2021, 127, 190401.	7.8	14
7	Antiferroelectric and ferroelectric mesophases created by (S) enantiomers with a short oligomethylene spacer and their usefulness in the formulation of orthoconic mixtures. Journal of Molecular Liquids, 2020, 320, 114452.	4.9	5
8	Orientation control of ideal blue phase photonic crystals. Scientific Reports, 2020, 10, 10148.	3.3	24
9	Pyrimidine-based ferroelectric mixtures – The influence of oligophenyl based chiral doping system. Journal of Molecular Liquids, 2020, 303, 112693.	4.9	10
10	Effect of doping by enantiomers with the different absolute configuration and phase sequence on mesomorphic, helical and electro-optical properties of highly tilted chiral anticlinic mixture. Journal of Molecular Liquids, 2020, 309, 113141.	4.9	5
11	Fast self-assembly of macroscopic blue phase 3D photonic crystals. Optics Express, 2020, 28, 18202.	3.4	18
12	Engineering spin-orbit synthetic Hamiltonians in liquid-crystal optical cavities. Science, 2019, 366, 727-730.	12.6	93
13	An effect of chiral dopants on mesomorphic and electro-optical properties of ferroelectric smectic mixture. Liquid Crystals, 2019, 46, 2134-2148.	2.2	3
14	Wavefront imaging by using an inline holographic microscopy system based on a double-sideband filter. Optics and Lasers in Engineering, 2019, 113, 71-76.	3.8	6
15	Effect of lateral fluorine substitution far from the chiral center on mesomorphic behaviour of highly titled antiferroelectric (S) and (R) enantiomers. Journal of Molecular Liquids, 2018, 267, 504-510.	4.9	37
16	A direct assessment of refractive indices of nematic liquid crystals at broad VIS - MWIR range. Liquid Crystals, 2018, 45, 703-714.	2.2	6
17	Tunable optical spin Hall effect in a liquid crystal microcavity. Light: Science and Applications, 2018, 7, 74.	16.6	44
18	Refractive index matched liquid crystal cell for laser metrology application. Liquid Crystals, 2018, 45, 1690-1698.	2.2	3

#	Article	IF	CITATIONS
19	A new mesogenic mixture with antiferroelectric phase only at a broad temperature range. Liquid Crystals, 2016, 43, 1365-1374.	2.2	25
20	The properties of ferroelectric compound (S)-(+)-4-(1-methylheptyloxycarbonyl)phenyl 4′-(4-cyanoacetoxybut-1-oxy) biphenyl-4-carboxylate and its ability of an antiferroelectric phase induction in mixtures. Phase Transitions, 2012, 85, 371-378.	1.3	1
21	The influence of the chiral terphenylate on the tilt angle in pyrimidine ferroelectric mixtures. Phase Transitions, 2012, 85, 364-370.	1.3	23
22	Synthesis and properties of new ferroelectric and antiferroelectric liquid crystals with a biphenylyl benzoate rigid core. Liquid Crystals, 2012, 39, 1011-1032.	2.2	30
23	An Influence of a Single Fluorine Atom Position in the Molecular Rigid Core on Physical Properties of Orthoconic Antiferroelectric Liquid Crystal. Ferroelectrics, 2008, 365, 78-87.	0.6	23
24	High Birefringence Liquid Crystals Mixtures and their Selected Applications. Advanced Materials Research, 0, 909, 12-18.	0.3	6