

# Tomasz Rozwadowski

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Kinetics of Cold Crystallization of 4-Cyano-3-fluorophenyl 4-Butylbenzoate (4CFPB) Glass Forming Liquid Crystal. I. Nonisothermal Process As Studied by Microscopic, Calorimetric, and Dielectric Methods. <i>Crystal Growth and Design</i> , 2015, 15, 2891-2900.	3.0	52
2	Signatures of glass transition in partially ordered phases. <i>Liquid Crystals</i> , 2013, 40, 1436-1442.	2.2	36
3	Molecular dynamics and cold crystallization process in a liquid-crystalline substance with para-, ferro- and antiferro-electric phases as studied by dielectric spectroscopy and scanning calorimetry. <i>Journal of Molecular Liquids</i> , 2020, 297, 111913.	4.9	23
4	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.	2.2	22
5	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.	2.6	21
6	Polymorphism and thermodynamic functions of liquid crystalline material 4-cyano-3-fluorophenyl 4-butylbenzoate. <i>Journal of Chemical Thermodynamics</i> , 2012, 54, 204-210.	2.0	18
7	Dynamics in ferro- and antiferroelectric phases of a liquid crystal with fluorinated molecules as studied by dielectric spectroscopy. <i>Liquid Crystals</i> , 2013, 40, 1082-1088.	2.2	18
8	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.	1.6	17
9	Mesomorphic and dynamic properties of 3F5BFBiHex antiferroelectric liquid crystal as reflected by polarized optical microscopy, differential scanning calorimetry and broadband dielectric spectroscopy. <i>Journal of Molecular Liquids</i> , 2020, 320, 114338.	4.9	15
10	Designing the disorder: the kinetics of nonisothermal crystallization of the orientationally disordered crystalline phase in a nematic mesogen. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 24236-24248.	2.8	14
11	Negative pressure effects on molecular dynamics and phase diagram of glass-forming nematic liquid crystal 4-cyano-3-fluorophenyl 4-butylbenzoate (4CFPB) confined in nanopores. <i>Journal of Molecular Liquids</i> , 2019, 279, 127-132.	4.9	13
12	Interplay between Melt and Cold Crystallization in a Smectic Liquid Crystal, 4-Pentylphenyl 4-( <i>trans</i> -4-Pentylcyclohexyl)benzoate. <i>Crystal Growth and Design</i> , 2021, 21, 2777-2785.	3.0	10
13	Dielectric Spectroscopy Studies of 4-Cyano-3-fluorophenyl 4-Butylbenzoate Liquid Crystal at High Pressure. <i>Acta Physica Polonica A</i> , 2012, 122, 378-381.	0.5	9
14	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.	2.2	7
15	Isothermal cold crystallization of antiferroelectric liquid crystal 3F5BFBiHex. <i>Journal of Molecular Liquids</i> , 2021, 339, 117076.	4.9	7
16	Isothermal high-pressure studies of 4-cyano-3-fluorophenyl 4-butylbenzoate dynamics near room temperature. <i>Physical Review E</i> , 2012, 86, 051702.	2.1	5
17	Low-temperature dynamics of (S)-4-(1-methylheptyloxy)-4'-cyanobiphenyl (8*OCB) and (S)-4-(2-methylbutyl)-4'-cyanobiphenyl (5*CB) in disordered crystalline and glassy phases. <i>Liquid Crystals</i> , 2019, 46, 94-101.	2.2	2