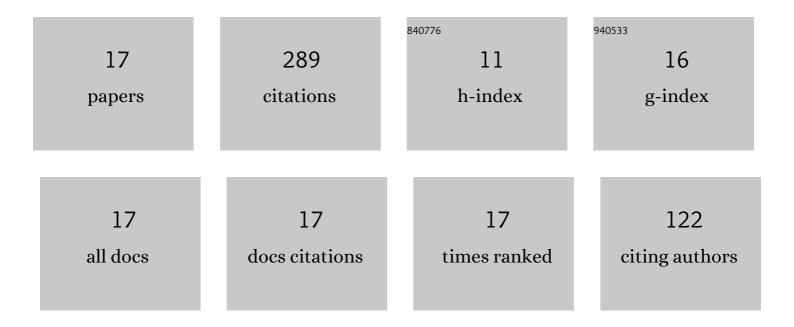
## Tomasz Rozwadowski

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. Crystal Growth and Design, 2015, 15, 2891-2900.	3.0	52
2	Signatures of glass transition in partially ordered phases. Liquid Crystals, 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. Journal of Molecular Liquids, 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. Crystals, 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. Journal of Physical Chemistry B, 2018, 122, 10627-10636.	2.6	21
6	Polymorphism and thermodynamic functions of liquid crystalline material 4-cyano-3-fluorophenyl 4-butylbenzoate. Journal of Chemical Thermodynamics, 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. Liquid Crystals, 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). European Physical Journal E, 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. Journal of Molecular Liquids, 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. Physical Chemistry Chemical Physics, 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. Journal of Molecular Liquids, 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. Crystal Growth and Design, 2021, 21, 2777-2785.	3.0	10
13	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
14	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
15	Isothermal cold crystallization of antiferroelectric liquid crystal 3F5BFBiHex. Journal of Molecular Liquids, 2021, 339, 117076.	4.9	7
16	Isothermal high-pressure studies of 4-cyano-3-fluorophenyl 4-butylbenzoate dynamics near room temperature. Physical Review E, 2012, 86, 051702.	2.1	5
17	Low-temperature dynamics of (S)-4-(1-methylheptyloxy)-4Ê1-cyanobiphenyl (8*OCB) and (S)-4-(2-methylbutyl)-4Ê1-cyanobiphenyl (5*CB) in disordered crystalline and glassy phases. Liquid Crystals, 2019, 46, 94-101.	2.2	2