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List of Publications by Year in descending order

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30
papers

418
citations

758635

12
h-index

794141

19
g-index

31
all docs

31
docs citations

31
times ranked

384
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial electrospun poly(ϵ -caprolactone) scaffolds for gingival fibroblast growth. RSC Advances, 2016, 6, 19647-19656.	1.7	56
2	Signatures of glass transition in partially ordered phases. Liquid Crystals, 2013, 40, 1436-1442.	0.9	36
3	ZnS coating for enhanced environmental stability and improved properties of ZnO thin films. RSC Advances, 2018, 8, 24411-24421.	1.7	29
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.	1.0	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.	1.2	21
6	Glass Transition Dynamics and Crystallization Kinetics in the Smectic Liquid Crystal 4-Butyloxybenzylidene-4'-octylaniline (BBOA). Journal of Physical Chemistry B, 2016, 120, 12160-12167.	1.2	19
7	On the relaxation dynamics of a double glass-forming antiferroelectric liquid crystal. Physical Chemistry Chemical Physics, 2021, 23, 8673-8688.	1.3	19
8	Glassy dynamics of two poly(ethylene glycol) derivatives in the bulk and in nanometric confinement as reflected in its inter- and intra-molecular interactions. Journal of Chemical Physics, 2018, 149, 064501.	1.2	17
9	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.	0.7	17
10	Comparative study of electrooptic, dielectric, and structural properties of two glassforming antiferroelectric mixtures with a high tilt angle. Physical Review E, 2022, 105, 024705.	0.8	16
11	Molecular dynamics of 4-propyl-4'-thiocyanatobiphenyl (3BT) in the strong glass-forming smectic E phase. Journal of Molecular Liquids, 2017, 241, 355-358.	2.3	15
12	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.	2.3	15
13	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.	1.3	14
14	Investigation of crystallization kinetics and its relationship with molecular dynamics for chiral fluorinated glassforming smectogen 3F5HPhH6. Physical Chemistry Chemical Physics, 2021, 23, 19795-19810.	1.3	14
15	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.	2.3	13
16	Ordered and Plastic Crystals in the Complex Polymorphism of Pinanediol. Crystal Growth and Design, 2019, 19, 6127-6135.	1.4	12
17	Effect of high pressure on relaxation dynamics and crystallization kinetics of chiral liquid crystal in its smectic phase. Physical Chemistry Chemical Physics, 2021, 23, 17466-17478.	1.3	11
18	PEG-MWCNT/Fe hybrids as multi-modal contrast agents for MRI and optical imaging. RSC Advances, 2016, 6, 49891-49902.	1.7	10

#	ARTICLE	IF	CITATIONS
19	Insight into cold- and melt crystallization phenomena of a smectogenic liquid crystal. CrystEngComm, 2022, 24, 3074-3087.	1.3	10
20	Soft versus hard confinement effects on the phase transitions, and intra- and inter- molecular dynamics of 6BT liquid crystal constrained in electrospun polymer fibers and in nanopores. Journal of Molecular Liquids, 2021, 331, 115817.	2.3	9
21	MWCNT based matrices as a platform for adhesion and growth of cells. Composites Science and Technology, 2016, 136, 29-38.	3.8	8
22	On relaxation and vibrational dynamics in the thermodynamic states of a chiral smectogenic glass-former. Physical Chemistry Chemical Physics, 2022, 24, 4595-4612.	1.3	8
23	Isothermal cold crystallization of antiferroelectric liquid crystal 3F5BFBiHex. Journal of Molecular Liquids, 2021, 339, 117076.	2.3	7
24	Magnetic Properties Study of Iron Oxide Nanoparticles-Loaded Poly(μ -caprolactone) Nanofibres. Magnetochemistry, 2021, 7, 61.	1.0	5
25	Molecular Dynamics and Kinetics of Isothermal Cold Crystallization in the Chiral Smectogenic 3F7FPhH6 Glassformer. Crystals, 2021, 11, 1487.	1.0	5
26	Studies of molecular dynamics and non-isothermal crystallization process of 4-n-butyloxybenzylidene-4'-n'-octylaniline (BBOA) liquid crystal under two dimensional nano-confinement. Journal of Molecular Liquids, 2020, 308, 113039.	2.3	4
27	Kinetics of non-isothermal cold crystallization in the antiferroelectric smectic phase of 3F5BFBiHex as seen by differential scanning calorimetry and broadband dielectric spectroscopy. Journal of Molecular Liquids, 2021, 323, 115040.	2.3	3
28	Nematic Liquid Crystals. Crystals, 2021, 11, 381.	1.0	2
29	Molecular Dynamics of a Liquid Crystal with Highly Ordered Smectic E Phase under Different Forms of Confinement. Proceedings (mdpi), 2019, 26, .	0.2	0
30	Isothermal and Non-isothermal Crystallization in Liquid Crystals as Seen by Broadband Dielectric Spectroscopy and Differential Scanning Calorimetry. Advances in Dielectrics, 2020, , 119-148.	1.2	0