

# Arkusz Kolek

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

204  
citations

1040056

9  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

107  
citing authors

#	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	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
5	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
6	Studies of Phase Diagram and Glass Transitions of a Liquid Crystal with Ferro- and Antiferroelectric Phases. <i>Acta Physica Polonica A</i> , 2013, 124, 909-912.	0.5	10
7	Microstructure and positron lifetimes of zirconium modified aluminide coatings. <i>Archives of Civil and Mechanical Engineering</i> , 2018, 18, 1150-1155.	3.8	10
8	Studies of Phase Diagram of a Liquid Crystal with 4-[2-(3-Fluorophenyl)ethyl]biphenyl Core of Molecules. <i>Acta Physica Polonica A</i> , 2012, 122, 370-374.	0.5	10
9	Effect of Pd and Hf co-doping of aluminide coatings on pure nickel and CMSX-4 nickel superalloy. <i>Archives of Civil and Mechanical Engineering</i> , 2018, 18, 1421-1429.	3.8	9
10	Evaluation of Thermal Damage Impact on Microstructure and Properties of Carburized AISI 9310 Gear Steel Grade by Destructive and Non-Destructive Testing Methods. <i>Materials</i> , 2021, 14, 5276.	2.9	8
11	Isothermal cold crystallization of antiferroelectric liquid crystal 3F5BFBiHex. <i>Journal of Molecular Liquids</i> , 2021, 339, 117076.	4.9	7
12	Kinetics of non-isothermal cold crystallization in the antiferroelectric smectic phase of 3F5BFBiHex as seen by differential scanning calorimetry and broadband dielectric spectroscopy. <i>Journal of Molecular Liquids</i> , 2021, 323, 115040.	4.9	3
13	Nematic Liquid Crystals. <i>Crystals</i> , 2021, 11, 381.	2.2	2
14	Oxidation Resistance of Modified Aluminide Coatings. <i>MATEC Web of Conferences</i> , 2019, 253, 03006.	0.2	1