

Ciprian G Iacob

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structural Characterization of Silica and Amino-Silica Nanoparticles by Fourier Transform Infrared (FTIR) and Raman Spectroscopy. <i>Analytical Letters</i> , 2023, 56, 390-403.	1.8	16
2	Ionogels as Polymer Electrolytes for Lithium-Metal Batteries: Comparison of Poly(ethylene glycol) Diacrylate and an Imidazolium-Based Ionic Liquid Crosslinker. <i>ACS Applied Polymer Materials</i> , 2022, 4, 2794-2805.	4.4	11
3	Broadband Dielectric Spectroscopy (BDS) investigation of molecular relaxations in durum wheat dough at low temperatures and their relationship with rheological properties. <i>LWT - Food Science and Technology</i> , 2022, 161, 113345.	5.2	4
4	Charge Transport and Glassy Dynamics in Blends Based on 1-Butyl-3-vinylbenzylimidazolium Bis(trifluoromethanesulfonyl)imide Ionic Liquid and the Corresponding Polymer. <i>Polymers</i> , 2022, 14, 2423.	4.5	2
5	Ion Dynamics of Monomeric Ionic Liquids Polymerized <i>In Situ</i> within Silica Nanopores. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 44325-44334.	8.0	10
6	Ion Transport and Mechanical Properties of Non-Crystallizable Molecular Ionic Composite Electrolytes. <i>Macromolecules</i> , 2020, 53, 1405-1414.	4.8	22
7	Ion Transport in Pendant and Backbone Polymerized Ionic Liquids. <i>Macromolecules</i> , 2019, 52, 6438-6448.	4.8	30
8	Elucidating the impact of extreme nanoscale confinement on segmental and chain dynamics of unentangled poly(cis-1,4-isoprene). <i>European Physical Journal E</i> , 2019, 42, 137.	1.6	3
9	Glassy dynamics predicted by mutual role of free and activation volumes. <i>Soft Matter</i> , 2019, 15, 4656-4661.	2.7	7
10	Introducing Large Counteranions Enhances the Elastic Modulus of Imidazolium-Based Polymerized Ionic Liquids. <i>Macromolecules</i> , 2018, 51, 4129-4142.	4.8	17
11	Molecular Dynamics of Polyfarnesene. <i>Macromolecules</i> , 2018, 51, 4917-4922.	4.8	21
12	Glassy dynamics of two poly(ethylene glycol) derivatives in the bulk and in nanometric confinement as reflected in its inter- and intra-molecular interactions. <i>Journal of Chemical Physics</i> , 2018, 149, 064501.	3.0	17
13	Environmental stress cracking performance of polyether and PDMS-based polyurethanes in an <i>in vitro</i> oxidation model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 1544-1558.	3.4	13
14	Crystalline microstructure and dielectric properties of oriented poly(ethylene-co-tetrafluoroethylene). <i>Polymer</i> , 2017, 113, 1-8.	3.8	9
15	Polymerized Ionic Liquids: Correlation of Ionic Conductivity with Nanoscale Morphology and Counterion Volume. <i>ACS Macro Letters</i> , 2017, 6, 941-946.	4.8	65
16	Charge Transport of Polyester Ether Ionomers in Unidirectional Silica Nanopores. <i>ACS Macro Letters</i> , 2016, 5, 476-480.	4.8	11
17	Limitations of predicting <i>in vivo</i> biostability of multiphase polyurethane elastomers using temperature-accelerated degradation testing. , 2015, 103, 159-168.		38
18	Rotational Diffusion of Guest Molecules Confined in Uni-directional Nanopores. <i>Advances in Dielectrics</i> , 2014, , 127-149.	1.2	1

#	ARTICLE	IF	CITATIONS
19	Rotational and Translational Diffusion of Ionic Liquids in Silica Nanopores. <i>Advances in Dielectrics</i> , 2014, , 151-163.	1.2	0
20	The interplay between inter- and intra-molecular dynamics in a series of alkylcitrate. <i>Soft Matter</i> , 2013, 9, 4681.	2.7	22
21	Molecular Order and Dynamics of Tris(2-ethylhexyl)phosphate Confined in Uni-Directional Nanopores. <i>Zeitschrift Fur Physikalische Chemie</i> , 2012, 226, 797-805.	2.8	39
22	Molecular dynamics and morphology of confined 4-heptyl-4- ϵ -isothiocyanatobiphenyl liquid crystals. <i>Soft Matter</i> , 2012, 8, 5194.	2.7	19
23	How Hydrogen Bonds Influence the Mobility of Imidazolium-Based Ionic Liquids. A Combined Theoretical and Experimental Study of 1- <i>n</i> -Butyl-3-methylimidazolium Bromide. <i>Journal of Physical Chemistry B</i> , 2011, 115, 15280-15288.	2.6	118
24	Charge transport and diffusion of ionic liquids in nanoporous silica membranes. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 13798.	2.8	109
25	Correlation between polarity parameters and dielectric properties of [Na][TOTO] ϵ a sodium ionic liquid. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 14341.	2.8	48