

Artyom Glova

List of Publications by Year in descending order

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19
papers

376
citations

840776

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20
times ranked

272
citing authors

#	ARTICLE	IF	CITATIONS
1	Scale-Dependent Miscibility of Polylactide and Polyhydroxybutyrate: Molecular Dynamics Simulations. <i>Macromolecules</i> , 2018, 51, 552-563.	4.8	50
2	Computer Simulations of Deep Eutectic Solvents: Challenges, Solutions, and Perspectives. <i>International Journal of Molecular Sciences</i> , 2022, 23, 645.	4.1	46
3	Toward realistic computer modeling of paraffin-based composite materials: critical assessment of atomic-scale models of paraffins. <i>RSC Advances</i> , 2019, 9, 38834-38847.	3.6	39
4	Poly(lactic acid)-based nanocomposites filled with cellulose nanocrystals with modified surface: all-atom molecular dynamics simulations. <i>Polymer International</i> , 2016, 65, 892-898.	3.1	31
5	Evaluation of thermal conductivity of organic phase-change materials from equilibrium and non-equilibrium computer simulations: Paraffin as a test case. <i>International Journal of Heat and Mass Transfer</i> , 2021, 165, 120639.	4.8	30
6	Influence of the carbon nanotube surface modification on the microstructure of thermoplastic binders. <i>RSC Advances</i> , 2015, 5, 51621-51630.	3.6	26
7	Evaluation of the characteristic equilibration times of bulk polyimides via full-atomic computer simulation. <i>Polymer Science - Series A</i> , 2013, 55, 570-576.	1.0	25
8	Toward Predictive Molecular Dynamics Simulations of Asphaltenes in Toluene and Heptane. <i>ACS Omega</i> , 2019, 4, 20005-20014.	3.5	22
9	Molecular dynamics simulations of oligoester brushes: the origin of unusual conformations. <i>Soft Matter</i> , 2017, 13, 6627-6638.	2.7	18
10	Computer Simulation of Asphaltenes. <i>Petroleum Chemistry</i> , 2018, 58, 983-1004.	1.4	18
11	How to fold back grafted chains in dipolar brushes. <i>Polymer</i> , 2018, 147, 213-224.	3.8	12
12	Grafting-Induced Structural Ordering of Lactide Chains. <i>Polymers</i> , 2019, 11, 2056.	4.5	11
13	Coarse-grained A-graft-B model of poly(lactic acid) for molecular dynamics simulations. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2018, 56, 604-612.	2.1	9
14	Grafted Dipolar Chains: Dipoles and Restricted Freedom Lead to Unexpected Hairpins. <i>Macromolecules</i> , 2020, 53, 29-38.	4.8	8
15	Asphaltenes as novel thermal conductivity enhancers for liquid paraffin: Insight from in silico modeling. <i>Journal of Molecular Liquids</i> , 2021, , 117112.	4.9	8
16	Model Carboxyl-Containing Asphaltenes as Potential Acceptor Materials for Bulk Heterojunction Solar Cells. <i>Energy & Fuels</i> , 2021, 35, 8423-8429.	5.1	7
17	Computational Modeling of Polylactide and Its Cellulose-Reinforced Nanocomposites. , 2016, , 313-341.		4
18	Branched versus linear lactide chains for cellulose nanoparticle modification: an atomistic molecular dynamics study. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 457-469.	2.8	2

#	ARTICLE	IF	CITATIONS
19	Combined Use of Atomic Force Microscopy and Molecular Dynamics in the Study of Biopolymer Systems. Polymer Science - Series C, 2021, 63, 256-271.	1.7	2