Artyom Glova

List of Publications by Year
in descending order

19	376	840776 11	794594 19
papers	citations	h-index	g-index

20	20	20	272
all docs	docs citations	times ranked	citing authors

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

#	Article	IF	Citations
19	Evaluation of the characteristic equilibration times of bulk polyimides via full-atomic computer simulation. Polymer Science - Series A, 2013, 55, 570-576.	1.0	25