Igor V Volgin

List of Publications by Year
in descending order

10	264	1040056 9	1199594 12
papers	citations	h-index	g-index

13	13	13	278
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	Transport Properties of Thermoplastic R-BAPB Polyimide: Molecular Dynamics Simulations and Experiment. Polymers, 2019, 11, 1775.	4.5	19
4	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
5	Diffusion of Nanoparticles in Polymer Systems. Polymer Science - Series C, 2018, 60, 122-134.	1.7	10
6	Linear Viscoelasticity of Polymers and Polymer Nanocomposites: Molecular-Dynamics Large Amplitude Oscillatory Shear and Probe Rheology Simulations. Advances in Dielectrics, 2018, , 375-404.	1.2	4
7	Coarse-grained molecular-dynamics simulations of nanoparticle diffusion in polymer nanocomposites. Polymer, 2018, 145, 80-87.	3.8	29
8	Molecular Dynamics Simulations of Fullerene Diffusion in Polymer Melts. Macromolecules, 2017, 50, 2207-2218.	4.8	49
9	Molecular dynamics simulation of poly(3â€hexylthiophene) helical structure In Vacuo and in amorphous polymer surrounding. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 2448-2456.	2.1	16
10	Computer simulation of the heat-resistant polyimides ULTEMâ„¢ and EXTEMâ„¢ with the use of GROMOS53a6 and AMBER99 force fields. Polymer Science - Series A, 2014, 56, 558-567.	1.0	12