

Timur Shakirov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Crystallisation in Melts of Short, Semi-Flexible Hard-Sphere Polymer Chains: The Role of the Non-Bonded Interaction Range. <i>Entropy</i> , 2019, 21, 856.	2.2	9
2	Diagrams of States of Single Flexible-Semiflexible Multi-Block Copolymer Chains: A Flat-Histogram Monte Carlo Study. <i>Polymers</i> , 2019, 11, 757.	4.5	4
3	Folded alkane chains and the emergence of the lamellar crystal. <i>Journal of Chemical Physics</i> , 2019, 150, 084903.	3.0	7
4	Crystallization in melts of short, semiflexible hard polymer chains: An interplay of entropies and dimensions. <i>Physical Review E</i> , 2018, 97, 042501.	2.1	17
5	Convergence estimation of flat-histogram algorithms based on simulation results. <i>Computer Physics Communications</i> , 2018, 228, 38-43.	7.5	7
6	Comparison of Boltzmann and Gibbs entropies for the analysis of single-chain phase transitions. <i>European Physical Journal: Special Topics</i> , 2017, 226, 705-723.	2.6	9
7	On the Pseudo Phase Diagram of Single Semi-Flexible Polymer Chains: A Flat-Histogram Monte Carlo Study. <i>Polymers</i> , 2017, 9, 38.	4.5	20
8	Stochastic approximation Monte Carlo and Wang-Landau Monte Carlo applied to a continuum polymer model. <i>Computer Physics Communications</i> , 2015, 186, 65-70.	7.5	14
9	Computer-aided simulation of the influence of collective effects on polymer-melt dynamics in a straight cylindrical tube: Observation of the onset stage of the corset effect. <i>Polymer Science - Series A</i> , 2012, 54, 505-511.	1.0	4
10	Why does the rouse model fairly describe the dynamic characteristics of polymer melts at molecular masses below critical mass?. <i>Polymer Science - Series A</i> , 2010, 52, 72-81.	1.0	17
11	Spin-lattice relaxation dispersion in polymers: Dipolar-interaction components and short- and long-time limits. <i>Solid State Nuclear Magnetic Resonance</i> , 2009, 35, 147-151.	2.3	15