

Jiarul Midya

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Wetting transitions of polymer solutions: Effects of chain length and chain stiffness. Journal of Chemical Physics, 2022, 156, 044901.	1.2	4
2	Understanding Gas Transport in Polymer-Grafted Nanoparticle Assemblies. Macromolecules, 2022, 55, 3011-3019.	2.2	9
3	Gas Transport in Interacting Planar Brushes. ACS Polymers Au, 2021, 1, 39-46.	1.7	9
4	Blends of Semiflexible Polymers: Interplay of Nematic Order and Phase Separation. Polymers, 2021, 13, 2270.	2.0	4
5	Structure of Polymer-Grafted Nanoparticle Melts. ACS Nano, 2020, 14, 15505-15516.	7.3	65
6	Entropic Unmixing in Nematic Blends of Semiflexible Polymers. ACS Macro Letters, 2020, 9, 1779-1784.	2.3	18
7	Tuning Selectivities in Gas Separation Membranes Based on Polymer-Grafted Nanoparticles. ACS Nano, 2020, 14, 17174-17183.	7.3	55
8	Kinetics of domain growth and aging in a two-dimensional off-lattice system. Physical Review E, 2020, 102, 062119.	0.8	4
9	Phase behavior of flexible and semiflexible polymers in solvents of varying quality. Journal of Chemical Physics, 2019, 151, 034902.	1.2	19
10	Segregation in Drying Binary Colloidal Droplets. ACS Nano, 2019, 13, 4972-4979.	7.3	81
11	Disentangling the Role of Chain Conformation on the Mechanics of Polymer Tethered Particle Materials. Nano Letters, 2019, 19, 2715-2722.	4.5	43
12	Droplet growth during vapor-liquid transition in a 2D Lennard-Jones fluid. Journal of Chemical Physics, 2017, 146, 024503.	1.2	6
13	Finite-size scaling study of dynamic critical phenomena in a vapor-liquid transition. Journal of Chemical Physics, 2017, 146, 044503.	1.2	11
14	Kinetics of Vapor-Solid Phase Transitions: Structure, Growth, and Mechanism. Physical Review Letters, 2017, 118, 165701.	2.9	26
15	Dimensionality dependence of aging in kinetics of diffusive phase separation: Behavior of order-parameter autocorrelation. Physical Review E, 2015, 92, 022124.	0.8	19
16	Coarsening in fluid phase transitions. Comptes Rendus Physique, 2015, 16, 303-315.	0.3	17
17	Aging in ferromagnetic ordering: full decay and finite-size scaling of autocorrelation. Journal of Physics Condensed Matter, 2014, 26, 452202.	0.7	20