

Arindam Kundagrami

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

380
citations

1040056

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1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

440
citing authors

#	ARTICLE	IF	CITATIONS
1	Theory of competitive counterion adsorption on flexible polyelectrolytes: Divalent salts. <i>Journal of Chemical Physics</i> , 2008, 128, 244901.	3.0	115
2	Effective Charge and Coil-Globule Transition of a Polyelectrolyte Chain. <i>Macromolecules</i> , 2010, 43, 2574-2581.	4.8	58
3	Collapse of Linear Polyelectrolyte Chains in a Poor Solvent: When Does a Collapsing Polyelectrolyte Collect its Counterions?. <i>Macromolecules</i> , 2008, 41, 9352-9358.	4.8	51
4	Charge regularization in phase separating polyelectrolyte solutions. <i>Journal of Chemical Physics</i> , 2010, 132, 084901.	3.0	40
5	Counterion Adsorption on Flexible Polyelectrolytes: Comparison of Theories. <i>Macromolecules</i> , 2009, 42, 1370-1379.	4.8	31
6	Continuum theory of polymer crystallization. <i>Journal of Chemical Physics</i> , 2007, 126, 144901.	3.0	29
7	Extended self-similarity in kinetic surface roughening. <i>Physical Review E</i> , 1998, 57, R3703-R3706.	2.1	14
8	Understanding the Thermodynamics of the Binding of PAMAM Dendrimers to Graphene: A Combined Analytical and Simulation Study. <i>Langmuir</i> , 2019, 35, 9219-9232.	3.5	13
9	Structure of twist-grain-boundary Cphases. <i>Physical Review E</i> , 2003, 68, 060703.	2.1	9
10	Kinetics of swelling of polyelectrolyte gels: Fixed degree of ionization. <i>Journal of Chemical Physics</i> , 2015, 143, 224904.	3.0	7
11	Kinetics of Swelling and Collapse of a Single Polyelectrolyte Chain. <i>Macromolecules</i> , 2017, 50, 2504-2517.	4.8	6
12	Multiscaling in discrete models of epitaxial growth. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999, 270, 135-142.	2.6	4
13	Charge-regularized swelling kinetics of polyelectrolyte gels: Elasticity and diffusion. <i>Journal of Chemical Physics</i> , 2017, 147, 174901.	3.0	3