

Jarosław Kąkos

List of Publications by Year in descending order

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17
papers

311
citations

1162367

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887659

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docs citations

17
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	Properties of Dendrimers with Flexible Spacer-Chains: A Monte Carlo Study. <i>Macromolecules</i> , 2009, 42, 4878-4886.	2.2	76
2	Simulations of Terminally Charged Dendrimers with Flexible Spacer Chains and Explicit Counterions. <i>Macromolecules</i> , 2010, 43, 4418-4427.	2.2	49
3	Simulations of Dendrimers with Flexible Spacer Chains and Explicit Counterions under Low and Neutral pH Conditions. <i>Macromolecules</i> , 2010, 43, 10659-10667.	2.2	34
4	Simulations of Neutral and Charged Dendrimers in Solvents of Varying Quality. <i>Macromolecules</i> , 2013, 46, 3107-3117.	2.2	33
5	Coarse grained simulations of neutral and charged dendrimers. <i>Polymer Science - Series C</i> , 2013, 55, 125-153.	0.8	28
6	Monte Carlo simulations of charged dendrimer-linear polyelectrolyte complexes and explicit counterions. <i>Journal of Chemical Physics</i> , 2011, 134, 204902.	1.2	24
7	Adsorption of branched and dendritic polymers onto flat surfaces: A Monte Carlo study. <i>Journal of Chemical Physics</i> , 2013, 139, 244903.	1.2	13
8	Dendrimer solutions: a Monte Carlo study. <i>Soft Matter</i> , 2016, 12, 9007-9013.	1.2	12
9	Adsorption of random copolymers from a melt onto a solid surface: Monte Carlo studies. <i>Journal of Chemical Physics</i> , 2010, 132, 024907.	1.2	8
10	Adsorption of random copolymers by a selective layer: Monte Carlo studies. <i>Journal of Chemical Physics</i> , 2008, 128, 164908.	1.2	7
11	Simulations of a Grafted Dendritic Polyelectrolyte in Electric Fields. <i>Macromolecules</i> , 2015, 48, 1179-1186.	2.2	7
12	Charged Dendrimers with Finite-Size Counterions. <i>Journal of Physical Chemistry B</i> , 2020, 124, 7957-7968.	1.2	6
13	Dendritic polyelectrolytes revisited through the Poisson-Boltzmann-Flory theory and the Debye-Hückel approximation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 2693-2703.	1.3	5
14	The Poisson-Boltzmann-Flory Approach to Charged Dendrimers: Effect of Generation and Spacer Length. <i>Macromolecules</i> , 2019, 52, 3625-3635.	2.2	5
15	Spatial segregation of mixed-sized counterions in dendritic polyelectrolytes. <i>Scientific Reports</i> , 2021, 11, 8108.	1.6	2
16	Dendritic polyelectrolytes as seen by the Poisson-Boltzmann-Flory theory. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 17818-17828.	1.3	1
17	Binding mechanisms in dendrimer-surfactant complexes. <i>Physical Review E</i> , 2022, 105, 034501.	0.8	1