

Jakub PÄkalski

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

367
citations

1040056

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h-index

996975

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15
all docs

15
docs citations

15
times ranked

346
citing authors

#	ARTICLE	IF	CITATIONS
1	Origin of similarity of phase diagrams in amphiphilic and colloidal systems with competing interactions. <i>Soft Matter</i> , 2013, 9, 6301.	2.7	96
2	Spontaneous NF- κ B Activation by Autocrine TNF \pm Signaling: A Computational Analysis. <i>PLoS ONE</i> , 2013, 8, e78887.	2.5	57
3	Periodic ordering of clusters and stripes in a two-dimensional lattice model. II. Results of Monte Carlo simulation. <i>Journal of Chemical Physics</i> , 2014, 140, 164708.	3.0	40
4	Periodic ordering of clusters and stripes in a two-dimensional lattice model. I. Ground state, mean-field phase diagram and structure of the disordered phases. <i>Journal of Chemical Physics</i> , 2014, 140, 114701.	3.0	34
5	Thermodynamic signatures and cluster properties of self-assembly in systems with competing interactions. <i>Soft Matter</i> , 2017, 13, 8055-8063.	2.7	29
6	Periodic ordering of clusters in a one-dimensional lattice model. <i>Journal of Chemical Physics</i> , 2013, 138, 144903.	3.0	23
7	Effects of confinement on pattern formation in two dimensional systems with competing interactions. <i>Soft Matter</i> , 2016, 12, 7551-7563.	2.7	19
8	Self-assembly of spiral patterns in confined systems with competing interactions. <i>Soft Matter</i> , 2019, 15, 7715-7721.	2.7	19
9	Exactly solvable model for self-assembly of hard core-soft shell particles at interfaces. <i>Soft Matter</i> , 2017, 13, 2603-2608.	2.7	11
10	Shear-induced ordering in systems with competing interactions: A machine learning study. <i>Journal of Chemical Physics</i> , 2020, 152, 204905.	3.0	8
11	Bistability in a self-assembling system confined by elastic walls: Exact results in a one-dimensional lattice model. <i>Journal of Chemical Physics</i> , 2015, 142, 014903.	3.0	7
12	Adsorption anomalies in a two-dimensional model of cluster-forming systems. <i>Physical Review E</i> , 2020, 101, 012801.	2.1	7
13	Self-assembly of lipids in water. Exact results from a one-dimensional lattice model. <i>Molecular Physics</i> , 2015, 113, 1022-1032.	1.7	6
14	Orientational ordering of lamellar structures on closed surfaces. <i>Journal of Chemical Physics</i> , 2018, 148, 174902.	3.0	6
15	Effects of rigid or adaptive confinement on colloidal self-assembly. Fixed vs. fluctuating number of confined particles. <i>Journal of Chemical Physics</i> , 2015, 142, 204904.	3.0	5