

# Jakub PÄkalski

## List of Publications by Year in descending order

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15  
papers

367  
citations

1040056

9  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

346  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Shear-induced ordering in systems with competing interactions: A machine learning study. <i>Journal of Chemical Physics</i> , 2020, 152, 204905.  | 3.0 | 8         |
| 2  | Adsorption anomalies in a two-dimensional model of cluster-forming systems. <i>Physical Review E</i> , 2020, 101, 012801.   | 2.1 | 7         |
| 3  | Self-assembly of spiral patterns in confined systems with competing interactions. <i>Soft Matter</i> , 2019, 15, 7715-7721.   | 2.7 | 19        |
| 4  | Orientational ordering of lamellar structures on closed surfaces. <i>Journal of Chemical Physics</i> , 2018, 148, 174902.   | 3.0 | 6         |
| 5  | 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        |
| 6  | Thermodynamic signatures and cluster properties of self-assembly in systems with competing interactions. <i>Soft Matter</i> , 2017, 13, 8055-8063.  | 2.7 | 29        |
| 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  | 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         |
| 9  | 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         |
| 10 | 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         |
| 11 | 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        |
| 12 | 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        |
| 13 | Origin of similarity of phase diagrams in amphiphilic and colloidal systems with competing interactions. <i>Soft Matter</i> , 2013, 9, 6301.  | 2.7 | 96        |
| 14 | Periodic ordering of clusters in a one-dimensional lattice model. <i>Journal of Chemical Physics</i> , 2013, 138, 144903.   | 3.0 | 23        |
| 15 | Spontaneous NF- $\kappa$ B Activation by Autocrine TNF Signaling: A Computational Analysis. <i>PLoS ONE</i> , 2013, 8, e78887.  | 2.5 | 57        |