Bianca M Mladek

List of Publications by Year
in descending order

16	1,013	516710 16	888059 17
papers	citations	h-index	g-index

17	17	17	542
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermodynamic stability and structural properties of cluster crystals formed by amphiphilic dendrimers. Journal of Chemical Physics, 2016, 144, 204901.	3.0	8
2	Procedure to construct a multi-scale coarse-grained model of DNA-coated colloids from experimental data. Soft Matter, 2013, 9, 7342.	2.7	23
3	Microscopically Resolved Simulations Prove the Existence of Soft Cluster Crystals. Physical Review Letters, 2012, 109, 228301.	7.8	51
4	Quantitative Prediction of the Phase Diagram of DNA-Functionalized Nanosized Colloids. Physical Review Letters, 2012, 108, 268301.	7.8	47
5	Design Rule for Colloidal Crystals of DNA-Functionalized Particles. Physical Review Letters, 2011, 107, 045902.	7.8	74
6	Pair interactions between complex mesoscopic particles from Widom's particle-insertion method. Soft Matter, 2011, 7, 1450-1455.	2.7	17
7	Monomer-Resolved Simulations of Cluster-Forming Dendrimers. Journal of Physical Chemistry B, 2011, 115, 7218-7226.	2.6	29
8	Reentrant and Isostructural Transitions in a Cluster-Crystal Former. Physical Review Letters, 2010, 105, 245701.	7.8	50
9	Cluster-forming systems of ultrasoft repulsive particles: statics and dynamics. Computer Physics Communications, 2008, 179, 71-76.	7.5	25
10	Multiple occupancy crystals formed by purely repulsive soft particles. Journal of Physics Condensed Matter, 2008, 20, 494245.	1.8	61
11	Computer Assembly of Cluster-Forming Amphiphilic Dendrimers. Physical Review Letters, 2008, 100, 028301.	7.8	86
12	Phase Coexistence of Cluster Crystals: Beyond the Gibbs Phase Rule. Physical Review Letters, 2007, 99, 235702.	7.8	63
13	Why do ultrasoft repulsive particles cluster and crystallize? Analytical results from density-functional theory. Journal of Chemical Physics, 2007, 126, 224502.	3.0	163
14	Clustering in the Absence of Attractions:â€‰ Density Functional Theory and Computer Simulations. Journal of Physical Chemistry B, 2007, 111, 12799-12808.	2.6	51
15	Thermodynamically self-consistent liquid state theories for systems with bounded potentials. Journal of Chemical Physics, 2006, 124, 064503.	3.0	27
16	Formation of Polymorphic Cluster Phases for a Class of Models of Purely Repulsive Soft Spheres. Physical Review Letters, 2006, 96, 045701.	7.8	214