Giuseppe D'Adamo

List of Publications by Year
in descending order

17 papers	210 citations	1040056 9 h-index	996975 15 g-index
18 all docs	18 docs citations	18 times ranked	224 citing authors

#	Article	IF	Citations
1	Linking of Ring Polymers in Slit-Like Confinement. Macromolecules, 2017, 50, 1713-1718.	4.8	13
2	Polymer models with optimal good-solvent behavior. Journal of Physics Condensed Matter, 2017, 29, 435104.	1.8	0
3	Tuning knot abundance in semiflexible chains with crowders of different sizes: a Monte Carlo study of DNA chains. Soft Matter, 2016, 12, 6708-6715.	2.7	5
4	Phase Diagram and Structure of Mixtures of Large Colloids and Linear Polymers under Good-Solvent Conditions. Macromolecules, 2016, 49, 5266-5280.	4.8	8
5	Improved model for mixtures of polymers and hard spheres. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 504006.	2.1	2
6	Integral equation analysis of single-site coarse-grained models for polymerâ€“colloid mixtures. Molecular Physics, 2015, 113, 2629-2642.	1.7	2
7	Electric Field Controlled Columnar and Planar Patterning of Cholesteric Colloids. Physical Review Letters, 2015, 114, 177801.	7.8	10
8	Molecular Crowding Increases Knots Abundance in Linear Polymers. Macromolecules, 2015, 48, 6337-6346.	4.8	28
9	Accurate coarse-grained models for mixtures of colloids and linear polymers under good-solvent conditions. Journal of Chemical Physics, 2014, 141, 244905.	3.0	7
10	Phase diagram of mixtures of colloids and polymers in the thermal crossover from good to Î¸ solvent. Journal of Chemical Physics, 2014, 141, 024902.	3.0	11
11	Depletion effects in colloidâ€“polymer solutions. Molecular Physics, 2013, 111, 3372-3393.	1.7	12
12	Predicting the thermodynamics by using state-dependent interactions. Journal of Chemical Physics, 2013, 138, 234107.	3.0	38
13	Consistent coarse-graining strategy for polymer solutions in the thermal crossover from good to Î¸ solvent. Journal of Chemical Physics, 2013, 139, 034901.	3.0	7
14	Coarse-graining strategies in polymer solutions. Soft Matter, 2012, 8, 5151.	2.7	40
15	Polymers as compressible soft spheres. Journal of Chemical Physics, 2012, 136, 224905.	3.0	15
16	Consistent and transferable coarse-grained model for semidilute polymer solutions in good solvent. Journal of Chemical Physics, 2012, 137, 024901.	3.0	9
17	Crystalline free energies of micelles of diblock copolymer solutions. Journal of Chemical Physics, 2010, 133, 204902.	3.0	2