Giuseppe Milano

List of Publications by Year
in descending order

17	491	687363 13	888059 17
papers	citations	h-index	g-index

17	17	17	406
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hybrid particle-field molecular dynamics simulations for dense polymer systems. Journal of Chemical Physics, 2009, 130, 214106.	3.0	110
2	Hybrid particleâ€field molecular dynamics simulations: Parallelization and benchmarks. Journal of Computational Chemistry, 2012, 33, 868-880.	3.3	67
3	Hybrid Particle-Field Coarse-Grained Models for Biological Phospholipids. Journal of Chemical Theory and Computation, 2011, 7, 2947-2962.	5.3	58
4	Supramolecular Packing Drives Morphological Transitions of Charged Surfactant Micelles. Angewandte Chemie - International Edition, 2020, 59, 18591-18598.	13.8	41
5	Nanoparticles at Biomimetic Interfaces: Combined Experimental and Simulation Study on Charged Gold Nanoparticles/Lipid Bilayer Interfaces. Journal of Physical Chemistry Letters, 2019, 10, 129-137.	4.6	30
6	Hybrid Particle-Field Molecular Dynamics Simulations of Charged Amphiphiles in an Aqueous Environment. Journal of Chemical Theory and Computation, 2018, 14, 4928-4937.	5.3	23
7	Molecular Insights into the Eutectic Tripalmitin/Tristearin Binary System. Journal of the American Chemical Society, 2018, 140, 12405-12414.	13.7	21
8	Effect of Trapped Solvent on the Interface between PS-b-PMMA Thin Films and P(S-r-MMA) Brush Layers. ACS Applied Materials & Interfaces, 2020, 12, 7777-7787.	8.0	21
9	Combination of Hybrid Particle-Field Molecular Dynamics and Slip-Springs for the Efficient Simulation of Coarse-Grained Polymer Models: Static and Dynamic Properties of Polystyrene Melts. Journal of Chemical Theory and Computation, 2021, 17, 474-487.	5.3	20
10	Combining cell-based hydrodynamics with hybrid particle-field simulations: efficient and realistic simulation of structuring dynamics. Soft Matter, 2017, 13, 1594-1623.	2.7	19
11	Mesoscale Electrostatics Driving Particle Dynamics in Nonhomogeneous Dielectrics. Journal of Chemical Theory and Computation, 2019, 15, 2033-2041.	5.3	17
12	Supramolecular Packing Drives Morphological Transitions of Charged Surfactant Micelles. Angewandte Chemie, 2020, 132, 18750-18757.	2.0	17
13	Hybrid particle-field molecular dynamics under constant pressure. Journal of Chemical Physics, 2020, 152, 184908.	3.0	15
14	Atomistic hybrid <scp>particleâ€field</scp> molecular dynamics combined with <scp>slipâ€springs</scp>: Restoring entangled dynamics to simulations of polymer melts. Journal of Computational Chemistry, 2021, 42, 6-18.	3.3	11
15	Unfolding the prospects of computational (bio)materials modeling. Journal of Chemical Physics, 2020, 153, 100901.	3.0	8
16	Can Polarity-Inverted Surfactants Self-Assemble in Nonpolar Solvents?. Journal of Physical Chemistry B, 2020, 124, 6448-6458.	2.6	8
17	Efficient and realistic simulation of phase coexistence. Journal of Chemical Physics, 2020, 153, 244121.	3.0	5