

Giuseppe Milano

List of Publications by Year in descending order

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17
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491
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687363

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citing authors

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