Preston B Moore

List of Publications by Year
in descending order

11 papers	411 citations	1478505 6 h-index	1474206 9 g-index
11 all docs	11 docs citations	11 times ranked	493 citing authors

#	Article	IF	Citations
1	Energy Conservation in Adaptive Hybrid Atomistic/Coarse-Grain Molecular Dynamics. Journal of Chemical Theory and Computation, 2007, 3, 1100-1105.	5.3	151
2	A combined time correlation function and instantaneous normal mode study of the sum frequency generation spectroscopy of the water/vapor interface. Journal of Chemical Physics, 2003, 118, 8411-8419.	3.0	98
3	Molecular Dynamics Investigations of Lipid Langmuir Monolayers Using a Coarse-Grain Model. Journal of Physical Chemistry B, 2003, 107, 13911-13917.	2.6	56
4	Raft registration across bilayers in a molecularly detailed model. Soft Matter, 2011, 7, 8182.	2.7	51
5	Calculating the surface tension between a flat solid and a liquid: a theoretical and computer simulation study of three topologically different methods. Journal of Mathematical Chemistry, 2009, 45, 161-174.	1.5	37
6	Quantitative Assessment of Force Fields on Both Low-Energy Conformational Basins and Transition-State Regions of the (Ï•â˜Ï‘) Space. Journal of Chemical Theory and Computation, 2011, 7, 402-419.	5.3	10
7	Nielsen, Moore, and Ensing Reply:. Physical Review Letters, 2011, 107, .	7.8	3
8	Coordinated Responsive Arrays of Surface-Linked Polymer Islandsâ€”CORALs. ACS Applied Materials & Interfaces, 2018, 10, 7459-7468.	8.0	3
9	Coarse Grained-to-Atomistic Mapping Algorithm: A Tool for Multiscale Simulations. , 0, , 73-88.		1
10	Computational Study of Intramolecular Heterocyclic Ring Formation with Cyclic Phosphazenes. International Journal of Engineering Research & Technology, 2014, 3, 1575-1582.	0.2	1
11	Densely Packed Tethered Polymer Nanoislands: A Simulation Study. Polymers, 2021, 13, 2570.	4.5	0