Oleg N Starovoytov

List of Publications by Year
in descending order

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10 papers	229 citations	1163117 8 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	374 citing authors

#	Article	IF	Citations
1	GEM*: A Molecular Electronic Density-Based Force Field for Molecular Dynamics Simulations. Journal of Chemical Theory and Computation, 2014, 10, 1361-1365.	5.3	64
2	Development of AMOEBA Force Field for 1,3-Dimethylimidazolium Based Ionic Liquids. Journal of Physical Chemistry B, 2014, 118, 7156-7166.	2.6	40
3	Development of a Polarizable Force Field for Molecular Dynamics Simulations of Poly (Ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock	5.3	39
4	Development of an AMOEBA water model using GEM distributed multipoles. Theoretical Chemistry Accounts, 2015, 134, 1.	1.4	20
5	Molecular dynamics simulation studies of the influence of imidazolium structure on the properties of imidazolium/azide ionic liquids. Journal of Chemical Physics, 2012, 136, 194506.	3.0	16
6	Dissolution behavior of silver in ammoniacal solutions using bromine, iodine and hydrogen-peroxide as oxidants. Hydrometallurgy, 2007, 86, 114-119.	4.3	15
7	Induced polarization restricts the conformational distribution of a light-harvesting molecular triad in the ground state. Physical Chemistry Chemical Physics, 2017, 19, 22969-22980.	2.8	10
8	Effects of the Hydroxyl Group on Phenyl Based Ligand/ERRÎ³ Protein Binding. Chemical Research in Toxicology, 2014, 27, 1371-1379.	3.3	9
9	Development of a Polarizable Force Field for Molecular Dynamics Simulations of Lithium-Ion Battery Electrolytes: Sulfone-Based Solvents and Lithium Salts. Journal of Physical Chemistry B, 2021, 125, 11242-11255.	2.6	9
10	In situ study on the compression deformation of MoNbTaVW high-entropy alloy. Journal of Alloys and Compounds, 2021, 871, 159557.	5.5	7