

Marie Jardat

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

305
citations

1040056

9
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

475
citing authors

#	ARTICLE	IF	CITATIONS
1	Spontaneous propulsion of an isotropic colloid in a phase-separating environment. <i>Physical Review E</i> , 2021, 104, 034602.	2.1	5
2	Can we describe charged nanoparticles with electrolyte theories? Insight from mesoscopic simulation techniques. <i>Journal of Molecular Liquids</i> , 2020, 303, 111942.	4.9	3
3	Coarse-Grained Models of Aqueous Solutions of Polyelectrolytes: Significance of Explicit Charges. <i>Journal of Physical Chemistry B</i> , 2020, 124, 288-301.	2.6	6
4	Hydrodynamic interactions between solutes in multiparticle collision dynamics. <i>Physical Review E</i> , 2018, 98, .	2.1	15
5	Computation of the Hydrodynamic Radius of Charged Nanoparticles from Nonequilibrium Molecular Dynamics. <i>Journal of Physical Chemistry B</i> , 2018, 122, 5940-5950.	2.6	7
6	Dynamics of ions in model charged porous media: Influence of polyelectrolytes. <i>Journal of Molecular Liquids</i> , 2017, 228, 224-229.	4.9	3
7	Comparison of different coupling schemes between counterions and charged nanoparticles in multiparticle collision dynamics. <i>Physical Review E</i> , 2016, 94, 023317.	2.1	4
8	Stochastic rotation dynamics simulation of electro-osmosis. <i>Molecular Physics</i> , 2015, 113, 2476-2486.	1.7	7
9	Pierre Turq, an inspirational scientist in charge and at interfaces. <i>Molecular Physics</i> , 2014, 112, 1213-1221.	1.7	0
10	Multiscale modelling of transport in clays from the molecular to the sample scale. <i>Comptes Rendus - Geoscience</i> , 2014, 346, 298-306.	1.2	12
11	Self-diffusion and activity coefficients of ions in charged disordered media. <i>Journal of Chemical Physics</i> , 2012, 137, 114507.	3.0	9
12	Self-diffusion of ions in charged nanoporous media. <i>Soft Matter</i> , 2012, 8, 954-964.	2.7	13
13	Effective interaction between charged nanoparticles and DNA. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 12603.	2.8	24
14	Effective interactions between charged nanoparticles in water: What is left from the DLVO theory?. <i>Current Opinion in Colloid and Interface Science</i> , 2010, 15, 2-7.	7.4	52
15	Nonspecific DNA-Protein Interaction: Why Proteins Can Diffuse along DNA. <i>Physical Review Letters</i> , 2009, 102, 228101.	7.8	56
16	Salt exclusion in charged porous media: a coarse-graining strategy in the case of montmorillonite clays. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 2023.	2.8	45
17	Self-diffusion coefficients of ions in the presence of charged obstacles. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 449-457.	2.8	16
18	Coarse-graining in suspensions of charged nanoparticles. <i>Pure and Applied Chemistry</i> , 2008, 80, 1229-1238.	1.9	2

#	ARTICLE	IF	CITATIONS
19	New coarse-graining procedure for the dynamics of charged spherical nanoparticles in solution. Journal of Chemical Physics, 2007, 126, 114108.	3.0	17
20	Brownian Simulations Contribution to the Study of Ionic Dynamics in Aqueous Solutions. Zeitschrift Fur Physikalische Chemie, 2004, 218, 699-708.	2.8	9
21	Electroosmotic Flow Induced Lift Forces on Polymer Chains in Nanochannels. ACS Polymers Au, 0, , .	4.1	0