

Marielle Soniat

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

305
citations

1040056

9
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

379
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of charge transfer on the aqueous solvation of ions. Journal of Chemical Physics, 2012, 137, 044511.	3.0	70
2	Dispersion- and Exchange-Corrected Density Functional Theory for Sodium Ion Hydration. Journal of Chemical Theory and Computation, 2015, 11, 2958-2967.	5.3	42
3	Ion association in aqueous solution. Fluid Phase Equilibria, 2016, 407, 31-38.	2.5	38
4	Octa-Coordination and the Aqueous Ba ²⁺ Ion. Journal of Physical Chemistry B, 2015, 119, 8746-8753.	2.6	34
5	Charge transfer effects of ions at the liquid water/vapor interface. Journal of Chemical Physics, 2014, 140, 184703.	3.0	31
6	Charge Transfer Models of Zinc and Magnesium in Water. Journal of Chemical Theory and Computation, 2015, 11, 1658-1667.	5.3	30
7	Swelling and Diffusion during Methanol Sorption into Hydrated Nafion. Journal of Physical Chemistry B, 2018, 122, 8255-8268.	2.6	16
8	Hydrated proton and hydroxide charge transfer at the liquid/vapor interface of water. Journal of Chemical Physics, 2015, 143, 044702.	3.0	14
9	Predictive simulation of non-steady-state transport of gases through rubbery polymer membranes. Polymer, 2018, 134, 125-142.	3.8	12
10	Permeation of CO ₂ and N ₂ through glassy poly(dimethyl phenylene) oxide under steady-state and presteady-state conditions. Journal of Polymer Science, 2020, 58, 1207-1228.	3.8	8
11	Toward predictive permeabilities: Experimental measurements and multiscale simulation of methanol transport in Nafion. Journal of Polymer Science, 2021, 59, 594-613.	3.8	6
12	How the Hydrophobic Interface between a Perfluorosulfonic Acid Polymer and Water Vapor Controls Membrane Hydration. ACS Applied Polymer Materials, 2022, 4, 3247-3258.	4.4	3