

Marielle Soniat

List of Publications by Year in descending order

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12
papers

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citations

1040056

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13
docs citations

13
times ranked

379
citing authors

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