Tamar Zelovich

List of Publications by Year
in descending order

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15	1,732	840776 11	996975 15
papers	citations	h-index	g-index

15	15	15	1204
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Non-Monotonic Temperature Dependence of Hydroxide Ion Diffusion in Anion Exchange Membranes. Chemistry of Materials, 2022, 34, 2133-2145.	6.7	25
2	Controlling Hydronium Diffusivity in Model Proton Exchange Membranes. Journal of Physical Chemistry Letters, 2022, 13, 2245-2253.	4.6	7
3	The impact of carbonation on hydroxide diffusion in nano-confined anion exchange membranes. Journal of Materials Chemistry A, 2022, 10, 11137-11149.	10.3	6
4	Deep Eutectic Solvents: A Review of Fundamentals and Applications. Chemical Reviews, 2021, 121, 1232-1285.	47.7	1,334
5	Hydronium ion diffusion in model proton exchange membranes at low hydration: insights from ab initio molecular dynamics. Journal of Materials Chemistry A, 2021, 9, 2448-2458.	10.3	25
6	OHâ˜ and H3O+ Diffusion in Model AEMs and PEMs at Low Hydration: Insights from Ab Initio Molecular Dynamics. Membranes, 2021, 11, 355.	3.0	11
7	Water Layering Affects Hydroxide Diffusion in Functionalized Nanoconfined Environments. Journal of Physical Chemistry Letters, 2020, 11, 5087-5091.	4.6	25
8	Hydroxide Ion Diffusion in Anion-Exchange Membranes at Low Hydration: Insights from Ab Initio Molecular Dynamics. Chemistry of Materials, 2019, 31, 5778-5787.	6.7	64
9	Ab Initio Molecular Dynamics Study of Hydroxide Diffusion Mechanisms in Nanoconfined Structural Mimics of Anion Exchange Membranes. Journal of Physical Chemistry C, 2019, 123, 4638-4653.	3.1	43
10	Relativistic coupled cluster calculation of MÃ¶ssbauer isomer shifts of iodine compounds. Molecular Physics, 2017, 115, 138-143.	1.7	3
11	Parameter-free driven Liouville-von Neumann approach for time-dependent electronic transport simulations in open quantum systems. Journal of Chemical Physics, 2017, 146, 092331.	3.0	40
12	Driven Liouville von Neumann Approach for Time-Dependent Electronic Transport Calculations in a Nonorthogonal Basis-Set Representation. Journal of Physical Chemistry C, 2016, 120, 15052-15062.	3.1	27
13	Driven Liouville von Neumann Equation in Lindblad Form. Journal of Physical Chemistry A, 2016, 120, 3278-3285.	2.5	33
14	Moleculeâ€“Lead Coupling at Molecular Junctions: Relation between the Real- and State-Space Perspectives. Journal of Chemical Theory and Computation, 2015, 11, 4861-4869.	5.3	33
15	State Representation Approach for Atomistic Time-Dependent Transport Calculations in Molecular Junctions. Journal of Chemical Theory and Computation, 2014, 10, 2927-2941.	5.3	56