

Brian W Doherty

List of Publications by Year in descending order

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9
papers

1,970
citations

1162367

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h-index

1281420

11
g-index

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docs citations

11
times ranked

1496
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Eutectic Solvents: A Review of Fundamentals and Applications. <i>Chemical Reviews</i> , 2021, 121, 1232-1285.	23.0	1,334
2	Revisiting OPLS Force Field Parameters for Ionic Liquid Simulations. <i>Journal of Chemical Theory and Computation</i> , 2017, 13, 6131-6145.	2.3	296
3	OPLS Force Field for Choline Chloride-Based Deep Eutectic Solvents. <i>Journal of Physical Chemistry B</i> , 2018, 122, 9982-9993.	1.2	132
4	Liquid Structure and Transport Properties of the Deep Eutectic Solvent Ethaline. <i>Journal of Physical Chemistry B</i> , 2020, 124, 5251-5264.	1.2	84
5	Virtual Site OPLS Force Field for Imidazolium-Based Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2018, 122, 2962-2974.	1.2	46
6	Evolution of microscopic heterogeneity and dynamics in choline chloride-based deep eutectic solvents. <i>Nature Communications</i> , 2022, 13, 219.	5.8	42
7	Accurate Diels-Alder Energies and Endo Selectivity in Ionic Liquids Using the OPLS-VSIL Force Field. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1190.	1.8	13
8	Examining Ionic Liquid Effects on Mononuclear Rearrangement of Heterocycles Using QM/MM Simulations. <i>Journal of Physical Chemistry B</i> , 2016, 120, 10786-10796.	1.2	10
9	Comparison between Ab Initio Molecular Dynamics and OPLS-Based Force Fields for Ionic Liquid Solvent Organization. <i>Journal of Physical Chemistry B</i> , 2022, 126, 3908-3919.	1.2	8