

Dylan M Anstine

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

114
citations

1307594

7
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

81
citing authors

#	ARTICLE	IF	CITATIONS
1	A molecular dynamics study of water-soluble polymers: analysis of force fields from atomistic simulations. <i>Molecular Simulation</i> , 2019, 45, 310-321.	2.0	20
2	Incorporating Flexibility Effects into Metal-Organic Framework Adsorption Simulations Using Different Models. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 61305-61315.	8.0	17
3	Adsorption space for microporous polymers with diverse adsorbate species. <i>Npj Computational Materials</i> , 2021, 7, .	8.7	16
4	Screening PIM-1 performance as a membrane for binary mixture separation of gaseous organic compounds. <i>Journal of Membrane Science</i> , 2020, 599, 117798.	8.2	13
5	Sorption-induced polymer rearrangement: approaches from molecular modeling. <i>Polymer International</i> , 2020, 70, 984.	3.1	13
6	Effects of an atomistic modeling approach on predicted mechanical properties of glassy polymers via molecular dynamics. <i>Modelling and Simulation in Materials Science and Engineering</i> , 2020, 28, 025006.	2.0	9
7	PEGDA hydrogel structure from semi-dilute concentrations: insights from experiments and molecular simulations. <i>Soft Matter</i> , 2022, 18, 3565-3574.	2.7	9
8	An Insight into Structural and Mechanical Properties of Ideal-Networked Poly(Ethylene Terephthalate). <i>Journal of Applied Physics</i> , 2020, 221, 1900326.	2.2	7
9	In silico design of microporous polymers for chemical separations and storage. <i>Current Opinion in Chemical Engineering</i> , 2022, 36, 100795.	7.8	6
10	Sulfonyl PIM-1: A diverse separation membrane with dilation resistance. <i>AIChE Journal</i> , 2021, 67, e17006.	3.6	4
11	Attosecond time delay in the valence photoionization of C ₂₄₀ versus C ₆₀ . <i>Journal of Physics: Conference Series</i> , 2015, 635, 112025.	0.4	0