Dylan M Anstine

List of Publications by Year
in descending order

11	114	1307594 7	1372567 10
papers	citations	h-index	g-index

12	12	12	81
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In silico design of microporous polymers for chemical separations and storage. Current Opinion in Chemical Engineering, 2022, 36, 100795.	7.8	6
2	PEGDA hydrogel structure from semi-dilute concentrations: insights from experiments and molecular simulations. Soft Matter, 2022, 18, 3565-3574.	2.7	9
3	Sulfonyl <scp>PIM</scp>â€1: A diverse separation membrane with dilation resistance. AICHE Journal, 2021, 67, e17006.	3.6	4
4	Adsorption space for microporous polymers with diverse adsorbate species. Npj Computational Materials, 2021, 7, .	8.7	16
5	Incorporating Flexibility Effects into Metalâ€“Organic Framework Adsorption Simulations Using Different Models. ACS Applied Materials & Interfaces, 2021, 13, 61305-61315.	8.0	17
6	An Insight into Structural and Mechanical Properties of Idealâ€Networked Poly(Ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (Physics, 2020, 221, 1900326.	2.2	7
7	Screening PIM-1 performance as a membrane for binary mixture separation of gaseous organic compounds. Journal of Membrane Science, 2020, 599, 117798.	8.2	13
8	Sorptionâ€induced polymer rearrangement: approaches from molecular modeling. Polymer International, 2020, 70, 984.	3.1	13
9	Effects of an atomistic modeling approach on predicted mechanical properties of glassy polymers via molecular dynamics. Modelling and Simulation in Materials Science and Engineering, 2020, 28, 025006.	2.0	9
10	A molecular dynamics study of water-soluble polymers: analysis of force fields from atomistic simulations. Molecular Simulation, 2019, 45, 310-321.	2.0	20
11	Attosecond time delay in the valence photoionization of C₂₄₀versus C₆₀. Journal of Physics: Conference Series, 2015, 635, 112025.	0.4	0