

Zeynep Pinar Haslak

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

245
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

85
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing CH ₄ /N ₂ separation potential of MOFs, COFs, IL/MOF, MOF/Polymer, and COF/Polymer composites. <i>Chemical Engineering Journal</i> , 2022, 428, 131239.	12.7	89
2	Composites of porous materials with ionic liquids: Synthesis, characterization, applications, and beyond. <i>Microporous and Mesoporous Materials</i> , 2022, 332, 111703.	4.4	30
3	Accelerating discovery of COFs for CO ₂ capture and H ₂ purification using structurally guided computational screening. <i>Chemical Engineering Journal</i> , 2022, 427, 131574.	12.7	26
4	Doubling CO ₂ /N ₂ separation performance of CuBTC by incorporation of 1-n-ethyl-3-methylimidazolium diethyl phosphate. <i>Microporous and Mesoporous Materials</i> , 2021, 316, 110947.	4.4	19
5	Using Atomic Charges to Describe the ρ_K of Carboxylic Acids. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 2733-2743.	5.4	18
6	An Integrated Computational-Experimental Hierarchical Approach for the Rational Design of an IL/UiO-66 Composite Offering Infinite CO ₂ Selectivity. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	16
7	Combined GCMC, MD, and DFT Approach for Unlocking the Performances of COFs for Methane Purification. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 12999-13012.	3.7	14
8	Multi-scale computational screening to accelerate discovery of IL/COF composites for CO ₂ /N ₂ separation. <i>Separation and Purification Technology</i> , 2022, 287, 120578.	7.9	12
9	SAMPL7 blind challenge: quantum-mechanical prediction of partition coefficients and acid dissociation constants for small drug-like molecules. <i>Journal of Computer-Aided Molecular Design</i> , 2021, 35, 841-851.	2.9	10
10	Elucidation of the atroposelectivity in the synthesis of axially chiral thiohydantoin derivatives. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2233-2241.	2.8	6
11	Exploring covalent organic frameworks for H ₂ S+CO ₂ separation from natural gas using efficient computational approaches. <i>Journal of CO₂ Utilization</i> , 2022, 62, 102077.	6.8	4
12	A DFT approach to discriminate the antagonist and partial agonist activity of ligands binding to the NMDA receptor. <i>Molecular Physics</i> , 2018, 116, 323-337.	1.7	1