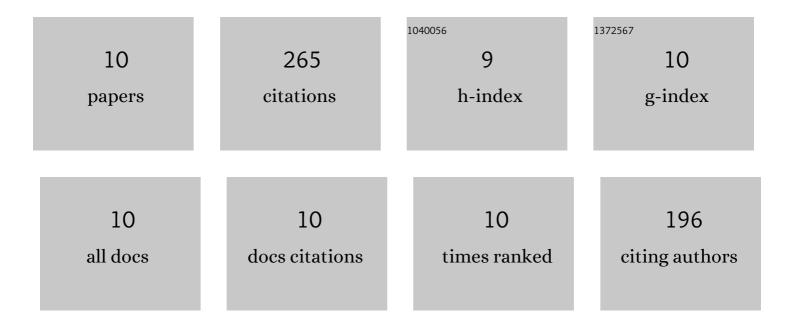
H Mert Polat

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	CO2 separation from flue gas mixture using [BMIM][BF4]/MOF composites: Linking high-throughput computational screening with experiments. Chemical Engineering Journal, 2020, 394, 124916.	12.7	46
2	MILâ€53(Al) as a Versatile Platform for Ionicâ€Liquid/MOF Composites to Enhance CO ₂ Selectivity over CH ₄ and N ₂ . Chemistry - an Asian Journal, 2019, 14, 3655-3667.	3.3	44
3	Unlocking CO2 separation performance of ionic liquid/CuBTC composites: Combining experiments with molecular simulations. Chemical Engineering Journal, 2019, 373, 1179-1189.	12.7	44
4	Fast and Selective Adsorption of Methylene Blue from Water Using [BMIM][PF ₆]-Incorporated UiO-66 and NH ₂ -UiO-66. Crystal Growth and Design, 2020, 20, 3590-3595.	3.0	33
5	Improving CO ₂ Separation Performance of MILâ€53(Al) by Incorporating 1â€ <i>n</i> â€Butylâ€3â€Methylimidazolium Methyl Sulfate. Energy Technology, 2019, 7, 1900157.	3.8	26
6	Influence of anion size and electronic structure on the gas separation performance of ionic liquid/ZIF-8 composites. Microporous and Mesoporous Materials, 2020, 306, 110446.	4.4	20
7	Vapor pressures and vapor phase compositions of choline chloride urea and choline chloride ethylene glycol deep eutectic solvents from molecular simulation. Journal of Chemical Physics, 2021, 155, 114504.	3.0	16
8	Enhanced Water Purification Performance of Ionic Liquid Impregnated Metal–Organic Framework: Dye Removal by [BMIM][PF6]/MIL-53(Al) Composite. Frontiers in Chemistry, 2020, 8, 622567.	3.6	14
9	New Features of the Open Source Monte Carlo Software Brick-CFCMC: Thermodynamic Integration and Hybrid Trial Moves. Journal of Chemical Information and Modeling, 2021, 61, 3752-3757.	5.4	14
10	Towards complete elucidation of structural factors controlling thermal stability of IL/MOF composites: effects of ligand functionalization on MOFs. Journal of Physics Condensed Matter, 2020, 32, 484001.	1.8	8