

# Safiyye Kavak

## List of Publications by Year in descending order

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7  
papers

191  
citations

1307594

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1720034

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docs citations

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141  
citing authors

#	ARTICLE	IF	CITATIONS
1	CO <sub>2</sub> separation from flue gas mixture using [BMIM][BF <sub>4</sub> ]/MOF composites: Linking high-throughput computational screening with experiments. <i>Chemical Engineering Journal</i> , 2020, 394, 124916.	12.7	46
2	MIL-53(Al) as a Versatile Platform for Ionic Liquid/MOF Composites to Enhance CO <sub>2</sub> Selectivity over CH <sub>4</sub> and N <sub>2</sub> . <i>Chemistry - an Asian Journal</i> , 2019, 14, 3655-3667.	3.3	44
3	Fast and Selective Adsorption of Methylene Blue from Water Using [BMIM][PF <sub>6</sub> ]-Incorporated UiO-66 and NH <sub>2</sub> -UiO-66. <i>Crystal Growth and Design</i> , 2020, 20, 3590-3595.	3.0	33
4	Improving CO <sub>2</sub> Separation Performance of MIL-53(Al) by Incorporating 1-butyl-3-methylimidazolium Methyl Sulfate. <i>Energy Technology</i> , 2019, 7, 1900157.	3.8	26
5	Influence of anion size and electronic structure on the gas separation performance of ionic liquid/ZIF-8 composites. <i>Microporous and Mesoporous Materials</i> , 2020, 306, 110446.	4.4	20
6	Enhanced Water Purification Performance of Ionic Liquid Impregnated Metal-Organic Framework: Dye Removal by [BMIM][PF <sub>6</sub> ]/MIL-53(Al) Composite. <i>Frontiers in Chemistry</i> , 2020, 8, 622567.	3.6	14
7	Towards complete elucidation of structural factors controlling thermal stability of IL/MOF composites: effects of ligand functionalization on MOFs. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 484001.	1.8	8