

# Mahdi Askari

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

157  
citations

1307594

7  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

85  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphoric acid-treated Spent Tea Residue Biochar for Wastewater Decoloring: Batch Adsorption Study and Process Intensification using Multivariate Data-based Optimization. <i>Chemical Engineering and Processing: Process Intensification</i> , 2020, 158, 108170.	3.6	38
2	Application of breakthrough curve analysis and response surface methodology for optimization of a hybrid separation system consisting of fixed-bed column adsorption and dead-end depth filtration. <i>Chemical Engineering and Processing: Process Intensification</i> , 2019, 143, 107594.	3.6	26
3	Data-based modeling and optimization of a hybrid column-adsorption/depth-filtration process using a combined intelligent approach. <i>Journal of Cleaner Production</i> , 2019, 236, 117664.	9.3	23
4	Adsorptive desulfurization of wild naphtha using magnesium hydroxide-coated ceramic foam filters in pilot scale: Process optimization and sensitivity analysis. <i>Chemical Engineering and Processing: Process Intensification</i> , 2020, 152, 107937.	3.6	18
5	Novel combinatorial extensions to breakthrough curve modeling of an adsorption column " Depth filtration hybrid process. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 86, 232-243.	5.8	17
6	MAGNETIC CHITOSAN NANOCOMPOSITES AS ADSORBENTS IN INDUSTRIAL WASTEWATER TREATMENT: A BRIEF REVIEW. <i>Cellulose Chemistry and Technology</i> , 2021, 55, 185-205.	1.2	12
7	Extended adsorption transport models for permeation of copper ions through nanocomposite chitosan/polyvinyl alcohol thin affinity membranes. <i>Chinese Journal of Chemical Engineering</i> , 2016, 24, 1527-1532.	3.5	7
8	Improving electrochemical properties of cation exchange membranes by using activated carbon-co-chitosan composite nanoparticles in water deionization. <i>Ionics</i> , 2019, 25, 1199-1214.	2.4	7
9	Preparation and evaluation of thermoplastic vulcanizate / organo-modified layered double hydroxide nanocomposite: Statistical modelling and optimization. <i>Materials Today Communications</i> , 2021, 26, 102046.	1.9	6
10	Sensitivity analysis and multi-objective optimization of gas-phase polymerization of propylene using Ziegler-Natta catalysts. <i>Chemical Engineering Research and Design</i> , 2022, 184, 457-472.	5.6	3