

Sushanta K Behera

List of Publications by Year in descending order

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11
papers

678
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

773
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile method to synthesize efficient adsorbent from alumina by nitric acid activation: Batch scale defluoridation, kinetics, isotherm studies and implementation on industrial wastewater treatment. <i>Journal of Hazardous Materials</i> , 2020, 381, 120917.	12.4	64
2	Removal of CO ₂ in a multistage fluidized bed reactor by amine impregnated activated carbon: optimization using response surface methodology. <i>International Journal of Coal Science and Technology</i> , 2019, 6, 445-458.	6.0	13
3	Process Optimization Study of Zn ²⁺ Adsorption on Biochar-Alginate Composite Adsorbent by Response Surface Methodology (RSM). <i>Water (Switzerland)</i> , 2019, 11, 325.	2.7	50
4	Defluoridation of synthetic and industrial wastewater by using acidic activated alumina adsorbent: characterization and optimization by response surface methodology. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 79-88.	1.7	18
5	A novel acid modified alumina adsorbent with enhanced defluoridation property: Kinetics, isotherm study and applicability on industrial wastewater. <i>Journal of Hazardous Materials</i> , 2019, 365, 868-882.	12.4	106
6	Modeling and optimization of process variables for HCl gas removal by response surface methodology. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 359-366.	1.7	11
7	Removal of ash from low grade Indian coal by chemical leaching technique. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2018, 39, 59-67.	5.0	18
8	Demineralization mechanism and influence of parameters on high ash Indian coal by chemical leaching of acid and alkali solution. <i>International Journal of Coal Science and Technology</i> , 2018, 5, 142-155.	6.0	12
9	Removal of dyes from aqueous solution by sorption with fly ash using a hydrocyclone. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 5204-5211.	6.7	40
10	Application of response surface methodology (RSM) for optimization of leaching parameters for ash reduction from low-grade coal. <i>International Journal of Mining Science and Technology</i> , 2018, 28, 621-629.	10.3	309
11	Chemical demineralization of high ash Indian coal by using alkali and acid solutions. <i>Fuel</i> , 2017, 196, 102-109.	6.4	37