

Sankha Karmakar

List of Publications by Year in descending order

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17
papers

612
citations

687363

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940533

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times ranked

727
citing authors

#	ARTICLE	IF	CITATIONS
1	Pressure-driven crossflow microfiltration coupled with centrifugation for tannin reduction and clarification of cashew apple juice: Modeling of permeate flux decline and optimization of process parameters. <i>Journal of Food Processing and Preservation</i> , 2022, 46, .	2.0	11
2	Multicomponent transport model-based scaling up of long-term adsorptive filtration of MOF incorporated mixed matrix hollow fiber membrane: Treatment of textile effluent. <i>Chemical Engineering Journal</i> , 2021, 403, 125103.	12.7	24
3	Shelf life extension of sugarcane juice by cross flow hollow fibre ultrafiltration. <i>Journal of Food Engineering</i> , 2020, 274, 109880.	5.2	21
4	Modelling the transport and adsorption dynamics of arsenic in a soil bed filter. <i>Chemical Engineering Science</i> , 2019, 210, 115205.	3.8	14
5	Pectin Removal and Clarification of Juices. , 2019, , 155-194.		5
6	Insights into multi-component adsorption of reactive dyes on MIL-101-Cr metal organic framework: Experimental and modeling approach. <i>Separation and Purification Technology</i> , 2019, 215, 259-275.	7.9	69
7	Aluminium fumarate metal organic framework incorporated polyacrylonitrile hollow fiber membranes: Spinning, characterization and application in fluoride removal from groundwater. <i>Chemical Engineering Journal</i> , 2018, 334, 41-53.	12.7	54
8	Modeling of permeate flux decline and permeation of sucrose during microfiltration of sugarcane juice using a hollow-fiber membrane module. <i>Innovative Food Science and Emerging Technologies</i> , 2018, 49, 92-105.	5.6	23
9	A socio-economic study along with impact assessment for laterite based technology demonstration for arsenic mitigation. <i>Science of the Total Environment</i> , 2017, 583, 142-152.	8.0	23
10	Cold sterilization and process modeling of tender coconut water by hollow fibers. <i>Journal of Food Engineering</i> , 2017, 200, 70-80.	5.2	22
11	Experimental and modeling of fluoride removal using aluminum fumarate (AlFu) metal organic framework incorporated cellulose acetate phthalate mixed matrix membrane. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 6087-6097.	6.7	43
12	Aluminium fumarate metal-organic framework: A super adsorbent for fluoride from water. <i>Journal of Hazardous Materials</i> , 2016, 303, 10-20.	12.4	184
13	Removal of reactive dyes using a high throughput-hybrid separation process. <i>Desalination and Water Treatment</i> , 2016, 57, 10295-10311.	1.0	14
14	Modelling of cross-flow microfiltration of dye-loaded activated carbon in a ceramic tubular membrane module. <i>Canadian Journal of Chemical Engineering</i> , 2015, 93, 2005-2014.	1.7	2
15	Optimisation of low temperature extraction of banana juice using commercial pectinase. <i>Food Chemistry</i> , 2014, 151, 182-190.	8.2	58
16	Primary Clarification of Banana Juice Extract by Centrifugation and Microfiltration. <i>Separation Science and Technology</i> , 2014, 49, 1156-1169.	2.5	17
17	Ultrafiltration of Banana (<i>Musa acuminata</i>) Juice Using Hollow Fibers for Enhanced Shelf Life. <i>Food and Bioprocess Technology</i> , 2014, 7, 2711-2722.	4.7	28