

Da-Qi Cao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Recovery of polymeric substances from excess sludge: Surfactant-enhanced ultrasonic extraction and properties analysis. <i>Chemosphere</i> , 2021, 283, 131181.	8.2	9
2	News on alginate recovery by forward osmosis: Reverse solute diffusion is useful. <i>Chemosphere</i> , 2021, 285, 131483.	8.2	10
3	Separation of trace pharmaceuticals individually and in combination via forward osmosis. <i>Science of the Total Environment</i> , 2020, 718, 137366.	8.0	18
4	Removal of heavy metal ions by ultrafiltration with recovery of extracellular polymer substances from excess sludge. <i>Journal of Membrane Science</i> , 2020, 606, 118103.	8.2	38
5	Ultrafiltration recovery of alginate: Membrane fouling mitigation by multivalent metal ions and properties of recycled materials. <i>Chinese Journal of Chemical Engineering</i> , 2020, 28, 2881-2889.	3.5	8
6	Role of extracellular polymeric substance in adsorption of quinolone antibiotics by microbial cells in excess sludge. <i>Chemical Engineering Journal</i> , 2019, 370, 684-694.	12.7	57
7	Ca ²⁺ -aided separation of polysaccharides and proteins by microfiltration: Implications for sludge processing. <i>Separation and Purification Technology</i> , 2018, 202, 318-325.	7.9	16
8	Membrane filtration-based recovery of extracellular polymer substances from excess sludge and analysis of their heavy metal ion adsorption properties. <i>Chemical Engineering Journal</i> , 2018, 354, 866-874.	12.7	39
9	Membrane recovery of alginate in an aqueous solution by the addition of calcium ions: Analyses of resistance reduction and fouling mechanism. <i>Journal of Membrane Science</i> , 2017, 535, 312-321.	8.2	19
10	Solid-Liquid Separation Properties in Centrifugal Sedimentation of Bidisperse Colloidal Suspension. <i>Journal of Chemical Engineering of Japan</i> , 2015, 48, 556-563.	0.6	7
11	Cake formation and particle rejection in microfiltration of binary mixtures of particles with two different sizes. <i>Separation and Purification Technology</i> , 2014, 123, 214-220.	7.9	19
12	Flotation and Sedimentation Properties in Centrifugal Separation of Emulsion Slurry. <i>Journal of Chemical Engineering of Japan</i> , 2014, 47, 392-398.	0.6	9
13	Improvement of concentration performance in shaking type of freeze concentration. <i>Separation and Purification Technology</i> , 2013, 120, 445-451.	7.9	19
14	Properties of Filter Cake Formed during Dead-End Microfiltration of O/W Emulsion. <i>Journal of Chemical Engineering of Japan</i> , 2013, 46, 593-600.	0.6	28