

Sanhita Chaudhury

List of Publications by Year in descending order

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papers

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14
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citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking SARS-CoV-2 RNA through the Wastewater Treatment Process. ACS ES&T Water, 2021, 1, 1161-1167.	4.6	32
2	Electrodriven Selective Transport of Cs ⁺ Using Chlorinated Cobalt Dicarbolide in Polymer Inclusion Membrane: A Novel Approach for Cesium Removal from Simulated Nuclear Waste Solution. Environmental Science & Technology, 2014, 48, 12994-13000.	10.0	31
3	Electrodriven Ion Transport through Crown Ether–Nafion Composite Membrane: Enhanced Selectivity of Cs ⁺ over Na ⁺ by Ion Gating at the Surface. Industrial & Engineering Chemistry Research, 2014, 53, 8804-8809.	3.7	29
4	Kinetic aspects of Donnan dialysis through Nafion-117 membrane. Journal of Membrane Science, 2012, 415-416, 681-685.	8.2	25
5	A new approach for selective Cs ⁺ separation from simulated nuclear waste solution using electrodriven cation transport through hollow fiber supported liquid membranes. Journal of Membrane Science, 2018, 545, 75-80.	8.2	25
6	Tuning the Ion-Selectivity of Thin-Film Composite Nanofiltration Membranes by Molecular Layer Deposition of Alucone. ACS Applied Materials & Interfaces, 2020, 12, 53356-53364.	8.0	22
7	Enhancing the Sustainability of Phosphogypsum Recycling by Integrating Electrodialysis with Bipolar Membranes. ACS Sustainable Chemistry and Engineering, 2020, 8, 2490-2497.	6.7	21
8	Self-Diffusion of Ions in Nafion-117 Membrane Having Mixed Ionic Composition. Journal of Physical Chemistry B, 2012, 116, 1605-1611.	2.6	20
9	Electrically-driven facilitated transport of Cs ⁺ across copper ferrocyanide channels in track etched membrane. Journal of Membrane Science, 2013, 434, 93-98.	8.2	18
10	Ion Transport in Laser-Induced Graphene Cation-Exchange Membrane Hybrids. Journal of Physical Chemistry Letters, 2020, 11, 1397-1403.	4.6	12
11	Transport Properties of Multivalent Cations in Nafion-117 Membrane with Mixed Ionic Composition. Journal of Physical Chemistry B, 2015, 119, 10566-10572.	2.6	10
12	Electro-Enhanced Membrane Sorption: A New Approach for Selective Ion Separation and Its Application to Phosphate and Arsenic Removal. Industrial & Engineering Chemistry Research, 2020, 59, 10595-10605.	3.7	10
13	Highly selective separation of pertechnetate from waste water. Journal of Water Process Engineering, 2019, 31, 100896.	5.6	7
14	Decreasing Seawater Desalination Footprint by Integrating Bipolar-Membrane Electrodialysis in a Single-Pass Reverse Osmosis Scheme. ACS Sustainable Chemistry and Engineering, 2021, 9, 16232-16240.	6.7	6