

CITATION REPORT

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Membrane-separated electrochemical latrine wastewater treatment

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Environmental Science: Water Research and Technology, 2019, 5, 51-59.

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#	Paper	IF	Citations
27	Removal of landfill leachate ultraviolet quenching substances by electricity induced humic acid precipitation and electrooxidation in a membrane electrochemical reactor. <i>Science of the Total Environment</i> , 2019 , 689, 571-579	10.2	13
26	Partial Fluxes of Phosphoric Acid Anions through Anion-Exchange Membranes in the Course of NaHPO Solution Electrodialysis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	18
25	Formation of disinfection byproducts during Fenton's oxidation of chloride-rich landfill leachate. <i>Journal of Hazardous Materials</i> , 2020 , 382, 121213	12.8	13
24	Recent advances in the electrochemical oxidation water treatment: Spotlight on byproduct control. <i>Frontiers of Environmental Science and Engineering</i> , 2020 , 14, 1	5.8	27
23	Decreased formation of disinfection by-products during electrochemical leachate oxidation and their post-removal by electro-adsorption. <i>Science of the Total Environment</i> , 2020 , 730, 139171	10.2	9
22	Removal of meropenem from environmental matrices by electrochemical oxidation using Co/Bi/TiO ₂ nanotube electrodes. <i>Environmental Science: Water Research and Technology</i> , 2020 , 6, 2197-2208	4.2	3
21	Generation of H ⁺ and OH ⁻ ions in anion-exchange membrane/ampholyte-containing solution systems: A study using electrochemical impedance spectroscopy. <i>Journal of Membrane Science</i> , 2020 , 601, 117920	9.6	12
20	Membrane Selection for Electrochemical Treatment of Septage. <i>Frontiers in Energy Research</i> , 2020 , 8,	3.8	5
19	Electrochemical system for selective oxidation of organics over ammonia in urine. <i>Environmental Science: Water Research and Technology</i> , 2021 , 7, 942-955	4.2	2
18	Natural polymer-based hydrogels for adsorption applications. 2021 , 267-306		0
17	Electrochemical oxidation of 2-chloroaniline in single and divided electrochemical flow cells using boron doped diamond anodes. <i>Separation and Purification Technology</i> , 2021 , 263, 118399	8.3	4
16	Mixed Metal Oxide Electrodes and the Chlorine Evolution Reaction. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 20745-20761	3.8	5
15	Electro-concentration of urine designed for separation of sodium from nitrogen. <i>Separation and Purification Technology</i> , 2021 , 276, 119275	8.3	0
14	Selective recovery of formic acid from wastewater using an ion-capture electrochemical system integrated with a liquid-membrane chamber. <i>Chemical Engineering Journal</i> , 2021 , 425, 131429	14.7	2
13	A Critical Review on Electric Field-Assisted Membrane Processes: Implications for Fouling Control, Water Recovery, and Future Prospects. <i>Membranes</i> , 2021 , 11,	3.8	1
12	Disinfection of constructed wetland effluent by in situ electrochemical chlorine production for water reuse. <i>Environmental Science: Water Research and Technology</i> ,	4.2	0
11	A review on ion-exchange nanofiber membranes: properties, structure and application in electrochemical (waste)water treatment. <i>Separation and Purification Technology</i> , 2022 , 287, 120529	8.3	2

10	Review Electrochemical Separation of Organic and Inorganic Contaminants in Wastewater. <i>Journal of the Electrochemical Society</i> ,	3.9	0
9	Data_Sheet_1.PDF. 2020,		
8	Electro-Fenton systems for on-site sanitary wastewater treatment: Towards an off-grid technology for developing countries. <i>Journal of Environmental Chemical Engineering</i> , 2022 , 10, 107954	6.8	0
7	Electrocatalytic Upcycling of Nitrate Wastewater into an Ammonia Fertilizer via an Electrified Membrane. <i>Environmental Science & Technology</i> ,	10.3	2
6	Recent Advancement in Rational Design Modulation of MXene: A Voyage from Environmental Remediation to Energy Conversion and Storage.		1
5	Catalytic membrane electrode with Co ₃ O ₄ nanoarrays for simultaneous recovery of water and generation of hydrogen from wastewater.		1
4	The Role of pH, Electrodes, Surfactants, and Electrolytes in Electrokinetic Remediation of Contaminated Soil. 2022 , 27, 7381		0
3	Sulfonated silica-based cation-exchange nanofiber membranes with superior self-cleaning abilities for electrochemical water treatment applications. 2022 , 123001		1
2	Integrated membrane electrochemical reactor-membrane distillation process for enhanced landfill leachate treatment. 2023 , 230, 119559		1
1	Water treatment and reclamation by implementing electrochemical systems with constructed wetlands. 2023 , 16, 100265		0