

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18 papers	467 citations	8 h-index	19 g-index
19 ext. papers	621 ext. citations	7.5 avg, IF	4.78 L-index

#	Paper	IF	Citations
18	Recent developments and future perspectives of reverse electrodialysis technology: A review. <i>Desalination</i> , 2018 , 425, 156-174	10.3	234
17	Hydrophilic Silver Nanoparticles Induce Selective Nanochannels in Thin Film Nanocomposite Polyamide Membranes. <i>Environmental Science & Technology</i> , 2019 , 53, 5301-5308	10.3	97
16	Co-locating reverse electrodialysis with reverse osmosis desalination: Synergies and implications. <i>Journal of Membrane Science</i> , 2017 , 539, 305-312	9.6	43
15	Review of Abnormal Self-Knowledge in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2019 , 10, 130	5	14
14	Effects of hypochlorite exposure on the structure and electrochemical performance of ion exchange membranes in reverse electrodialysis. <i>Journal of Membrane Science</i> , 2018 , 549, 295-305	9.6	14
13	Reverse Electrodialysis Chemical Cell for Energy Harvesting from Controlled Acid-Base Neutralization. <i>Environmental Science & Technology</i> , 2019 , 53, 4640-4647	10.3	11
12	An internal-integrated RED/ED system for energy-saving seawater desalination: A model study. <i>Energy</i> , 2019 , 170, 139-148	7.9	11
11	Engineering Interface with a One-Dimensional RuO/TiO Heteronanostructure in an Electrocatalytic Membrane Electrode: Toward Highly Efficient Micropollutant Decomposition. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 21596-21604	9.5	9
10	Reverse Electrodialysis Energy Harvesting System Using High-Gain Step-Up DC/DC Converter. <i>IEEE Transactions on Sustainable Energy</i> , 2018 , 9, 1578-1587	8.2	8
9	Nanofiltration for drinking water treatment: a review. <i>Frontiers of Chemical Science and Engineering</i> , 2021 , 1-18	4.5	8
8	Template-free synthesis of hierarchical hollow V ₂ O ₅ microspheres with highly stable lithium storage capacity. <i>RSC Advances</i> , 2017 , 7, 2480-2485	3.7	6
7	Simulation of an energy self-sufficient electrodialysis desalination stack for salt removal efficiency and fresh water recovery. <i>Journal of Membrane Science</i> , 2020 , 598, 117771	9.6	6
6	Thermodynamic and kinetics studies of the adsorption of phosphorus by bioretention media. <i>Thermal Science</i> , 2012 , 16, 1506-1509	1.2	3
5	Taxonomic relations evoke more fear than thematic relations after fear conditioning: An EEG study. <i>Neurobiology of Learning and Memory</i> , 2020 , 167, 107099	3.1	2
4	A Generalized Reverse-Electrodialysis Model Incorporating Both Continuous and Recycle Modes for Energy Harvesting From Salinity Gradient Power. <i>IEEE Access</i> , 2021 , 9, 71626-71637	3.5	1
3	Ion-plus salinity gradient flow Battery. <i>Chemical Engineering Science</i> , 2022 , 253, 117580	4.4	0
2	Electrodialysis membrane technology for industrial wastewater treatment: recent advances 2022 , 265-315		

- 1 Recovery of Salinity Gradient Energy with an Inorganic Sodium Superionic Conductor. *ACS Energy Letters*, **2022**, 7, 1806-1813 20.1