

# Ying Mei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10551203/publications.pdf>

Version: 2024-02-01

19  
papers

794  
citations

933264

10  
h-index

940416

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

930  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments and future perspectives of reverse electrodialysis technology: A review. <i>Desalination</i> , 2018, 425, 156-174.	4.0	338
2	Hydrophilic Silver Nanoparticles Induce Selective Nanochannels in Thin Film Nanocomposite Polyamide Membranes. <i>Environmental Science &amp; Technology</i> , 2019, 53, 5301-5308.	4.6	190
3	Nanofiltration for drinking water treatment: a review. <i>Frontiers of Chemical Science and Engineering</i> , 2022, 16, 681-698.	2.3	77
4	Co-locating reverse electrodialysis with reverse osmosis desalination: Synergies and implications. <i>Journal of Membrane Science</i> , 2017, 539, 305-312.	4.1	48
5	Engineering Interface with a One-Dimensional RuO <sub>2</sub> /TiO <sub>2</sub> Heteronanostructure in an Electrocatalytic Membrane Electrode: Toward Highly Efficient Micropollutant Decomposition. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 21596-21604.	4.0	26
6	Review of Abnormal Self-Knowledge in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2019, 10, 130.	1.3	21
7	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.	4.1	20
8	Reverse Electrodialysis Chemical Cell for Energy Harvesting from Controlled Acid-Base Neutralization. <i>Environmental Science &amp; Technology</i> , 2019, 53, 4640-4647.	4.6	17
9	An internal-integrated RED/ED system for energy-saving seawater desalination: A model study. <i>Energy</i> , 2019, 170, 139-148.	4.5	14
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.	5.9	10
11	Template-free synthesis of hierarchical hollow V <sub>2</sub> O <sub>5</sub> microspheres with highly stable lithium storage capacity. <i>RSC Advances</i> , 2017, 7, 2480-2485.	1.7	8
12	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.	4.1	8
13	Taxonomic relations evoke more fear than thematic relations after fear conditioning: An EEG study. <i>Neurobiology of Learning and Memory</i> , 2020, 167, 107099.	1.0	5
14	Ion-plus salinity gradient flow Battery. <i>Chemical Engineering Science</i> , 2022, 253, 117580.	1.9	5
15	Thermodynamic and kinetics studies of the adsorption of phosphorus by bioretention media. <i>Thermal Science</i> , 2012, 16, 1506-1509.	0.5	4
16	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.	2.6	3
17	An RED Hybrid Model for SOC Tracking, Runtime Prediction and Transient Response Description. , 2021, , ,		0
18	Electrodialysis membrane technology for industrial wastewater treatment: recent advances. , 2022, , 265-315.		0

#	ARTICLE	IF	CITATIONS
19	Recovery of Salinity Gradient Energy with an Inorganic Sodium Superionic Conductor. ACS Energy Letters, 2022, 7, 1806-1813.	8.8	0