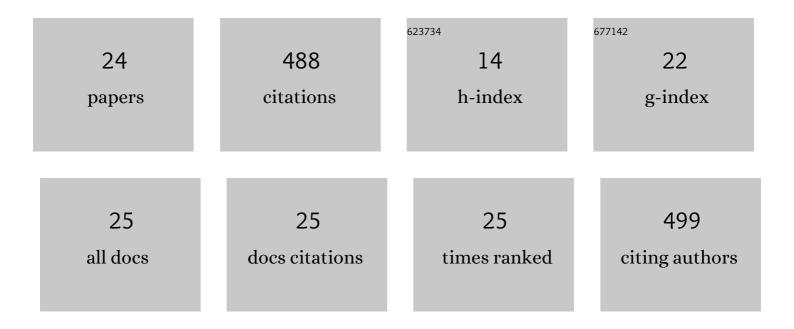
## Sanghun Park

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11082127/publications.pdf Version: 2024-02-01



SANCHIIN DADK

#	Article	IF	CITATIONS
1	Seawater battery desalination with a reverse osmosis membrane for simultaneous brine treatment and energy storage. Journal of Cleaner Production, 2022, 333, 130188.	9.3	7
2	Drone-borne sensing of major and accessory pigments in algae using deep learning modeling. GIScience and Remote Sensing, 2022, 59, 310-332.	5.9	16
3	Seawater battery desalination with sodium-intercalation cathode for hypersaline water treatment. Desalination, 2022, 531, 115713.	8.2	5
4	Membrane capacitive deionization model including fouling indexes obtained via real-time fouling layer measurements. Desalination, 2022, 536, 115852.	8.2	6
5	Predicting the salt adsorption capacity of different capacitive deionization electrodes using random forest. Desalination, 2022, 537, 115826.	8.2	8
6	Influence of natural organic matter on membrane capacitive deionization performance. Chemosphere, 2021, 264, 128519.	8.2	20
7	3D printed honeycomb-shaped feed channel spacer for membrane fouling mitigation in nanofiltration. Journal of Membrane Science, 2021, 620, 118665.	8.2	38
8	Prediction of Oxidant Exposures and Micropollutant Abatement during Ozonation Using a Machine Learning Method. Environmental Science & Technology, 2021, 55, 709-718.	10.0	21
9	Investigating the influence of catholyte salinity on seawater battery desalination. Desalination, 2021, 506, 115018.	8.2	13
10	Deep learning model for simulating influence of natural organic matter in nanofiltration. Water Research, 2021, 197, 117070.	11.3	28
11	Simultaneous Energy Storage and Seawater Desalination using Rechargeable Seawater Battery: Feasibility and Future Directions. Advanced Science, 2021, 8, e2101289.	11.2	26
12	Evaluating an on-line cleaning agent for mitigating organic fouling in a reverse osmosis membrane. Chemosphere, 2021, 275, 130033.	8.2	4
13	Pharmaceutical removal at low energy consumption using membrane capacitive deionization. Chemosphere, 2021, 276, 130133.	8.2	11
14	Real-time monitoring the spatial distribution of organic fouling using fluorescence imaging technique. Journal of Membrane Science, 2020, 597, 117778.	8.2	12
15	Optimization of a nanofiltration and membrane capacitive deionization (NF-MCDI) hybrid system: Experimental and modeling studies. Desalination, 2020, 493, 114658.	8.2	26
16	Energy projection of the seawater battery desalination system using the reverse osmosis system analysis model. Chemical Engineering Journal, 2020, 395, 125082.	12.7	31
17	Arctic Primary Aerosol Production Strongly Influenced by Riverine Organic Matter. Environmental Science & Technology, 2019, 53, 8621-8630.	10.0	21
18	Deep neural networks for modeling fouling growth and flux decline during NF/RO membrane filtration. Journal of Membrane Science, 2019, 587, 117164.	8.2	49

SANGHUN PARK

#	Article	IF	CITATIONS
19	Modeling of NF/RO membrane fouling and flux decline using real-time observations. Journal of Membrane Science, 2019, 576, 66-77.	8.2	39
20	Evaluating membrane fouling potentials of dissolved organic matter in brackish water. Water Research, 2019, 149, 65-73.	11.3	29
21	Evaluating the effects of organic matter bioavailability on nanofiltration membrane using real-time monitoring. Journal of Membrane Science, 2018, 548, 519-525.	8.2	15
22	Evaluation of fouling in nanofiltration for desalination using a resistance-in-series model and optical coherence tomography. Science of the Total Environment, 2018, 642, 349-355.	8.0	34
23	Optimizing Agricultural Best Management Practices in a Lake Erie Watershed. Journal of the American Water Resources Association, 2017, 53, 1281-1292.	2.4	14
24	Investigating the influence of organic matter composition on biofilm volumes in reverse osmosis using optical coherence tomography. Desalination, 2017, 419, 125-132.	8.2	15