

# Yesol Kang

## List of Publications by Year in descending order

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18  
papers

665  
citations

840585

11  
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887953

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docs citations

18  
times ranked

725  
citing authors

#	ARTICLE	IF	CITATIONS
1	PIP/TMC Interfacial Polymerization with Electrospray: Novel Loose Nanofiltration Membrane for Dye Wastewater Treatment. ACS Applied Materials & Interfaces, 2020, 12, 36148-36158.	4.0	130
2	Sulfonated graphene oxide incorporated thin film nanocomposite nanofiltration membrane to enhance permeation and antifouling properties. Desalination, 2019, 470, 114125.	4.0	127
3	Novel sulfonated graphene oxide incorporated polysulfone nanocomposite membranes for enhanced-performance in ultrafiltration process. Chemosphere, 2018, 207, 581-589.	4.2	109
4	Developments and future prospects of reverse electrodialysis for salinity gradient power generation: Influence of ion exchange membranes and electrodes. Desalination, 2020, 491, 114540.	4.0	75
5	Graphene oxide nanocomposite membrane cooperatively cross-linked by monomer and polymer overcoming the trade-off between flux and rejection in forward osmosis. Journal of Membrane Science, 2020, 598, 117684.	4.1	48
6	Fabrication of highly permeable thin-film nanocomposite forward osmosis membranes via the design of novel freestanding robust nanofiber substrates. Journal of Materials Chemistry A, 2018, 6, 11700-11713.	5.2	36
7	Facile fabrication of superhydrophilic and underwater superoleophobic nanofiber membranes for highly efficient separation of oil-in-water emulsion. Separation and Purification Technology, 2021, 272, 118954.	3.9	28
8	Ti3C2TX-Ethylenediamine nanofiltration membrane for high rejection of heavy metals. Chemical Engineering Journal, 2022, 437, 135297.	6.6	24
9	Dye adsorptive thin-film composite membrane with magnetite decorated sulfonated graphene oxide for efficient dye/salt mixture separation. Desalination, 2022, 524, 115462.	4.0	20
10	Antiviral Nanomaterials for Designing Mixed Matrix Membranes. Membranes, 2021, 11, 458.	1.4	16
11	Chemically Prelithiated Graphene for Anodes of Li-Ion Batteries. Energy & Fuels, 2020, 34, 13048-13055.	2.5	14
12	Concrete-structured Nafion@MXene/Cellulose acetate cation exchange membrane for reverse electrodialysis. Journal of Membrane Science, 2022, 646, 120239.	4.1	10
13	Recent Progress in One- and Two-Dimensional Nanomaterial-Based Electro-Responsive Membranes: Versatile and Smart Applications from Fouling Mitigation to Tuning Mass Transport. Membranes, 2021, 11, 5.	1.4	9
14	Practical Considerations of Wastewater "Seawater Integrated Reverse Osmosis: Design Constraint by Boron Removal. Membranes, 2021, 11, 240.	1.4	5
15	MoS2-Cysteine Nanofiltration Membrane for Lead Removal. ChemEngineering, 2021, 5, 41.	1.0	5
16	Enhancing the Dye-Rejection Efficiencies and Stability of Graphene Oxide-Based Nanofiltration Membranes via Divalent Cation Intercalation and Mild Reduction. Membranes, 2022, 12, 402.	1.4	5
17	Electrospray interfacial polymerization for a loose NF membrane: super-selective dye separation in saline dye wastewater treatment. Environmental Science: Nano, 2021, 8, 3282-3293.	2.2	4
18	Improved pressure drop and silica rejection of polydopamine-coated polypropylene filter media. , 0, 183, 114-120.		0