

# Jun-ho Song

## List of Publications by Year in descending order

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#	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	Enhanced desalination performance of forward osmosis membranes based on reduced graphene oxide laminates coated with hydrophilic polydopamine. Carbon, 2017, 117, 293-300.	5.4	125
4	Novel sulfonated graphene oxide incorporated polysulfone nanocomposite membranes for enhanced-performance in ultrafiltration process. Chemosphere, 2018, 207, 581-589.	4.2	109
5	Tunable Ion Sieving of Graphene Membranes through the Control of Nitrogen-Bonding Configuration. Nano Letters, 2018, 18, 5506-5513.	4.5	52
6	Breakthroughs in the fabrication of electrospun-nanofiber-supported thin film composite/nanocomposite membranes for the forward osmosis process: A review. Critical Reviews in Environmental Science and Technology, 2020, 50, 1727-1795.	6.6	40
7	Fabrication of highly permeable thin-film nanocomposite forward osmosis membranes <i>via</i> the design of novel freestanding robust nanofiber substrates. Journal of Materials Chemistry A, 2018, 6, 11700-11713.	5.2	36
8	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
9	Zirconia nanofibers incorporated polysulfone nanocomposite membrane: Towards overcoming the permeance-selectivity trade-off. Separation and Purification Technology, 2020, 236, 116236.	3.9	21
10	The effect of doping temperature on the nitrogen-bonding configuration of nitrogen-doped graphene by hydrothermal treatment. RSC Advances, 2017, 7, 20738-20741.	1.7	18
11	Tuning the nanostructure of nitrogen-doped graphene laminates for forward osmosis desalination. Nanoscale, 2019, 11, 22025-22032.	2.8	13
12	Atomic layer deposition and electrospinning as membrane surface engineering methods for water treatment: a short review. Environmental Science: Water Research and Technology, 2020, 6, 1765-1785.	1.2	12
13	Effect of the support layer morphological structure on the performance of forward osmosis hollow fiber membranes. Journal of Membrane Science, 2020, 608, 118196.	4.1	11
14	Influence of bore fluid composition on the physiochemical properties and performance of hollow fiber membranes for ultrafiltration. Chemosphere, 2020, 259, 127467.	4.2	6
15	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
16	Fabrication of Ceramic-based Graphene Membrane (CbGM) and Its Mass Transport Behavior for Water Treatment. Daehan Hwan'gyeong Gonghag Hoeji, 2015, 37, 649-655.	0.4	2