

# LanHee Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

521  
citations

777949

13  
h-index

843174

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

848  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seawater desalination based drinking water: Microbial characterization during distribution with and without residual chlorine. <i>Water Research</i> , 2022, 210, 117975.	5.3	13
2	Effect of organic micropollutants on biofouling in a forward osmosis process integrating seawater desalination and wastewater reclamation. <i>Journal of Hazardous Materials</i> , 2021, 401, 123386.	6.5	18
3	Evaluation of DNA extraction yield from a chlorinated drinking water distribution system. <i>PLoS ONE</i> , 2021, 16, e0253799.	1.1	3
4	Effect of phosphate availability on biofilm formation in cooling towers. <i>Biofouling</i> , 2020, 36, 800-815.	0.8	9
5	Online characterization of bacterial processes in drinking water systems. <i>Npj Clean Water</i> , 2020, 3, .	3.1	20
6	A comparison of gravity-driven membrane (GDM) reactor and biofiltration+ GDM reactor for seawater reverse osmosis desalination pretreatment. <i>Water Research</i> , 2019, 154, 72-83.	5.3	31
7	Insignificant Impact of Chemotactic Responses of <i>Pseudomonas aeruginosa</i> on the Bacterial Attachment to Organic Pre-Conditioned RO Membranes. <i>Membranes</i> , 2019, 9, 162.	1.4	0
8	Gravity-driven microfiltration pretreatment for reverse osmosis (RO) seawater desalination: Microbial community characterization and RO performance. <i>Desalination</i> , 2017, 418, 1-8.	4.0	50
9	Physiological Responses of Salinity-Stressed <i>Vibrio</i> sp. and the Effect on the Biofilm Formation on a Nanofiltration Membrane. <i>Environmental Science &amp; Technology</i> , 2017, 51, 1249-1258.	4.6	50
10	Cleaning efficacy of hydroxypropyl-beta-cyclodextrin for biofouling reduction on reverse osmosis membranes. <i>Biofouling</i> , 2016, 32, 359-370.	0.8	14
11	Biofouling in Osmotic Membrane Bioreactor. , 2015, , 241-275.		0
12	Use of rhamnolipid biosurfactant for membrane biofouling prevention and cleaning. <i>Biofouling</i> , 2015, 31, 211-220.	0.8	27
13	Foulant characterization and distribution in spiral wound reverse osmosis membranes from different pressure vessels. <i>Desalination</i> , 2015, 370, 44-52.	4.0	42
14	Physicochemical Interactions between Rhamnolipids and <i>Pseudomonas aeruginosa</i> Biofilm Layers. <i>Environmental Science &amp; Technology</i> , 2015, 49, 3718-3726.	4.6	70
15	Potential effects of damaged <i>Pseudomonas aeruginosa</i> PAO1 cells on development of reverse osmosis membrane biofouling. <i>Journal of Membrane Science</i> , 2015, 477, 86-92.	4.1	12
16	Effects of phosphate limitation in feed water on biofouling in forward osmosis (FO) process. <i>Desalination</i> , 2014, 349, 51-59.	4.0	31
17	Potential of fluorophore labeled aptamers for <i>Pseudomonas aeruginosa</i> detection in drinking water. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2013, 56, 165-171.	0.9	27
18	Effects of enzymatic treatment on the reduction of extracellular polymeric substances (EPS) from biofouled membranes. <i>Desalination and Water Treatment</i> , 2013, 51, 6355-6361.	1.0	23

#	ARTICLE	IF	CITATIONS
19	Effect of dead cells on biofouling in the reverse osmosis process. Water Science and Technology: Water Supply, 2013, 13, 1396-1401.	1.0	1
20	Biofouling Potential Reductions Using a Membrane Hybrid System as a Pre-treatment to Seawater Reverse Osmosis. Applied Biochemistry and Biotechnology, 2012, 167, 1716-1727.	1.4	23
21	Effect of chemical cleaning on membrane biofouling in seawater reverse osmosis processes. Desalination and Water Treatment, 2011, 33, 289-294.	1.0	5
22	Bead-Based Competitive Fluorescence Immunoassay for Sensitive and Rapid Diagnosis of Cyanotoxin Risk in Drinking Water. Environmental Science & Technology, 2011, 45, 7804-7811.	4.6	45
23	The membrane fouling simulator: development, application, and early-warning of biofouling in RO treatment. , 0, 126, 1-23.		7