

# Yanbin Yun

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

506  
citations

687220

13  
h-index

677027

22  
g-index

30  
all docs

30  
docs citations

30  
times ranked

773  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mussels-inspired design a carbon nanotube based underwater superoleophobic/hydrophobic Janus membrane with robust anti-oil-fouling for direct contact membrane distillation. <i>Separation and Purification Technology</i> , 2022, 294, 121163.	3.9	13
2	Superhydrophobic polymer membrane coated by mineralized $\text{FeOOH}$ nanorods for direct contact membrane distillation. <i>Desalination</i> , 2021, 500, 114889.	4.0	36
3	N-isopropyl acrylamide/sodium acrylate hydrogel as draw agent for forward osmosis to concentrate esterification wastewater. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 975-981.	1.2	1
4	Study on Start-Up Membraneless Anaerobic Baffled Reactor Coupled with Microbial Fuel Cell for Dye Wastewater Treatment. <i>ACS Omega</i> , 2021, 6, 23515-23527.	1.6	4
5	Preparation of bovine serum albumin molecularly imprinted polymer by precipitation polymerization. <i>Journal of Dispersion Science and Technology</i> , 2020, 41, 1371-1380.	1.3	5
6	Superhydrophobic alumina hollow ceramic membrane modified by $\text{TiO}_2$ nanorod array for vacuum membrane distillation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 117, 56-62.	2.7	16
7	Superhydrophobic ceramic hollow fiber membrane planted by $\text{ZnO}$ nanorod-array for high-salinity water desalination. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 105, 17-27.	2.7	28
8	Performance evaluation of interfacial polymerisation-fabricated aquaporin-based biomimetic membranes in forward osmosis. <i>RSC Advances</i> , 2019, 9, 10715-10726.	1.7	15
9	$\text{ZnO}$ Nanorod Array Modified PVDF Membrane with Superhydrophobic Surface for Vacuum Membrane Distillation Application. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 13452-13461.	4.0	109
10	A novel flexible micro-ratchet/ $\text{ZnO}$ nano-rods surface with rapid recovery icephobic performance. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 62, 52-57.	2.9	31
11	Effects of different organic additives on kaempferol molecularly imprinted membrane properties. <i>Polymer Bulletin</i> , 2018, 75, 441-452.	1.7	4
12	Surface molecularly imprinted polymer microspheres based on nano- $\text{TiO}_2$ for selective recognition of kaempferol. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	7
13	Preparing molecularly imprinted membranes by phase inversion to separate kaempferol. <i>Polymers for Advanced Technologies</i> , 2017, 28, 1207-1207.	1.6	1
14	Preparation and characterization of monodisperse molecularly imprinted polymer microspheres by precipitation polymerization for kaempferol. <i>Designed Monomers and Polymers</i> , 2017, 20, 201-209.	0.7	30
15	Preparing molecularly imprinted membranes by phase inversion to separate kaempferol. <i>Polymers for Advanced Technologies</i> , 2017, 28, 373-378.	1.6	17
16	Preparation and evaluation of poly(phthalazinone ether sulfone ketone) ultrafiltration membrane with organic and inorganic nano- $\text{TiO}_2$ additives. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 76, 446-455.	1.1	5
17	Nonenzymatic sensor for hydrogen peroxide based on the electrodeposition of silver nanoparticles on poly(ionic liquid)-stabilized graphene sheets. <i>Mikrochimica Acta</i> , 2013, 180, 261-268.	2.5	49
18	Preparation and adsorption performance of molecularly imprinted polymers for Kaempferol. <i>Desalination and Water Treatment</i> , 2013, 51, 3914-3919.	1.0	5

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19	Evaluation of ultrafiltration membranes with the multimedia filter/ultrafiltration/reverse osmosis/NH <sub>3</sub> -N remover system to treat surface water. <i>Desalination and Water Treatment</i> , 2013, 51, 3896-3902.	1.0	0
20	Effects of amphiphilic additive Pluronic F127 on performance of poly (ether sulfone) ultrafiltration membrane. <i>Desalination and Water Treatment</i> , 2013, 51, 3776-3785.	1.0	12
21	Purification of <i>Ginkgo biloba</i> flavonoids by UF membrane technology. <i>Desalination and Water Treatment</i> , 2013, 51, 3847-3853.	1.0	3
22	A nanomaterial composed of cobalt nanoparticles, poly(3,4-ethylenedioxythiophene) and graphene with high electrocatalytic activity for nitrite oxidation. <i>Mikrochimica Acta</i> , 2012, 177, 411-418.	2.5	26
23	Effects of operating conditions on hollow fiber membrane systems used as pretreatment for spandex wastewater reverse osmosis. <i>Desalination and Water Treatment</i> , 2011, 34, 423-428.	1.0	0
24	Preparation of hybrid ion channel membrane for recognizing and transporting sodium ion. <i>Desalination and Water Treatment</i> , 2011, 34, 234-238.	1.0	1
25	Preparation, recognition characteristics and properties for quercetin molecularly imprinted polymers. <i>Desalination and Water Treatment</i> , 2011, 34, 309-314.	1.0	10
26	Formation of honeycomb structure films from polysulfone in a highly humid atmosphere. <i>Desalination and Water Treatment</i> , 2011, 34, 136-140.	1.0	2
27	Effects of channel spacers on direct contact membrane distillation. <i>Desalination and Water Treatment</i> , 2011, 34, 63-69.	1.0	26
28	Preparation and characterization of a new kind of UV-grafted ion-recognition membrane. <i>Desalination and Water Treatment</i> , 2011, 34, 216-221.	1.0	3
29	Water droplets as templates for ordered honeycomb-structured films prepared from PS- <i>b</i> -Peb- <i>b</i> -PS-MA. <i>Desalination and Water Treatment</i> , 2011, 34, 321-325.	1.0	0
30	Nonenzymatic hydrogen peroxide sensor based on a polyaniline-single walled carbon nanotubes composite in a room temperature ionic liquid. <i>Mikrochimica Acta</i> , 2009, 167, 153-157.	2.5	47