Yanbin Yun

List of Publications by Year
in descending order

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30	506	687220 13	677027 22
papers	citations	h-index	g-index

30	30	30	773
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ZnO Nanorod Array Modified PVDF Membrane with Superhydrophobic Surface for Vacuum Membrane Distillation Application. ACS Applied Materials & Interfaces, 2018, 10, 13452-13461.	4.0	109
2	Nonenzymatic sensor for hydrogen peroxide based on the electrodeposition of silver nanoparticles on poly(ionic liquid)-stabilized graphene sheets. Mikrochimica Acta, 2013, 180, 261-268.	2.5	49
3	Nonenzymatic hydrogen peroxide sensor based on a polyaniline-single walled carbon nanotubes composite in a room temperature ionic liquid. Mikrochimica Acta, 2009, 167, 153-157.	2.5	47
4	Superhydrophobic polymer membrane coated by mineralized Î²-FeOOH nanorods for direct contact membrane distillation. Desalination, 2021, 500, 114889.	4.0	36
5	A novel flexible micro-ratchet/ZnO nano-rods surface with rapid recovery icephobic performance. Journal of Industrial and Engineering Chemistry, 2018, 62, 52-57.	2.9	31
6	Preparation and characterization of monodisperse molecularly imprinted polymer microspheres by precipitation polymerization for kaempferol. Designed Monomers and Polymers, 2017, 20, 201-209.	0.7	30
7	Superhydrophobic ceramic hollow fiber membrane planted by ZnO nanorod-array for high-salinity water desalination. Journal of the Taiwan Institute of Chemical Engineers, 2019, 105, 17-27.	2.7	28
8	Effects of channel spacers on direct contact membrane distillation. Desalination and Water Treatment, 2011, 34, 63-69.	1.0	26
9	A nanomaterial composed of cobalt nanoparticles, poly(3,4-ethylenedioxythiophene) and graphene with high electrocatalytic activity for nitrite oxidation. Mikrochimica Acta, 2012, 177, 411-418.	2.5	26
10	Preparing molecularly imprinted membranes by phase inversion to separate kaempferol. Polymers for Advanced Technologies, 2017, 28, 373-378.	1.6	17
11	Superhydrophobic alumina hollow ceramic membrane modified by TiO2 nanorod array for vacuum membrane distillation. Journal of the Taiwan Institute of Chemical Engineers, 2020, 117, 56-62.	2.7	16
12	Performance evaluation of interfacial polymerisation-fabricated aquaporin-based biomimetic membranes in forward osmosis. RSC Advances, 2019, 9, 10715-10726.	1.7	15
13	Mussels-inspired design a carbon nanotube based underwater superoleophobic/hydrophobic Janus membrane with robust anti-oil-fouling for direct contact membrane distillation. Separation and Purification Technology, 2022, 294, 121163.	3.9	13
14	Effects of amphiphilic additive Pluronic F127 on performance of poly (ether sulfone) ultrafiltration membrane. Desalination and Water Treatment, 2013, 51, 3776-3785.	1.0	12
15	Preparation, recognition characteristics and properties for quercetin molecularly imprinted polymers. Desalination and Water Treatment, 2011, 34, 309-314.	1.0	10
16	Surface molecularly imprinted polymer microspheres based on nanoâ€TiO₂ for selective recognition of kaempferol. Journal of Applied Polymer Science, 2017, 134, .	1.3	7
17	Preparation and adsorption performance of molecularly imprinted polymers for Kaempferol. Desalination and Water Treatment, 2013, 51, 3914-3919.	1.0	5
18	Preparation and evaluation of poly(phthalazinone ether sulfone ketone) ultrafiltration membrane with organic and inorganic nano-TiO2 additives. Journal of Sol-Gel Science and Technology, 2015, 76, 446-455.	1.1	5

#	Article	IF	Citations
19	Preparation of bovine serum albumin molecularly imprinted polymer by precipitation polymerization. Journal of Dispersion Science and Technology, 2020, 41, 1371-1380.	1.3	5
20	Effects of different organic additives on kaempferol molecularly imprinted membrane properties. Polymer Bulletin, 2018, 75, 441-452.	1.7	4
21	Study on Start-Up Membraneless Anaerobic Baffled Reactor Coupled with Microbial Fuel Cell for Dye Wastewater Treatment. ACS Omega, 2021, 6, 23515-23527.	1.6	4
22	Preparation and characterization of a new kind of UV-grafted ion-recognition membrane. Desalination and Water Treatment, 2011, 34, 216-221.	1.0	3
23	Purification ofGinkgo bilobaflavonoids by UF membrane technology. Desalination and Water Treatment, 2013, 51, 3847-3853.	1.0	3
24	Formation of honeycomb structure films from polysulfone in a highly humid atmosphere. Desalination and Water Treatment, 2011, 34, 136-140.	1.0	2
25	Preparation of hybrid ion channel membrane for recognizing and transporting sodium ion. Desalination and Water Treatment, 2011, 34, 234-238.	1.0	1
26	Preparing molecularly imprinted membranes by phase inversion to separate kaempferol. Polymers for Advanced Technologies, 2017, 28, 1207-1207.	1.6	1
27	N-isopropyl acrylamide/sodium acrylate hydrogel as draw agent for forward osmosis to concentrate esterification wastewater. Korean Journal of Chemical Engineering, 2021, 38, 975-981.	1.2	1
28	Effects of operating conditions on hollow fiber membrane systems used as pretreatment for spandex wastewater reverse osmosis. Desalination and Water Treatment, 2011, 34, 423-428.	1.0	0
29	Water droplets as templates for ordered honeycomb-structured films prepared from PS-b-Peb-b-PS-MA. Desalination and Water Treatment, 2011, 34, 321-325.	1.0	0
30	Evaluation of ultrafiltration membranes with the multimedia filter/ultrafiltration/reverse osmosis/NH3-N remover system to treat surface water. Desalination and Water Treatment, 2013, 51, 3896-3902.	1.0	0