Jian-Jun Qin

List of Publications by Year
in descending order

36 papers	2,072 citations	279701 23 h-index	360920 35 g-index
36 all docs	36 docs citations	36 times ranked	1941 citing authors

#	Article	IF	Citations
1	Polybenzimidazole (PBI) nanofiltration hollow fiber membranes applied in forward osmosis process. Journal of Membrane Science, 2007, 300, 6-12.	4.1	226
2	Development and characterization of anti-fouling cellulose hollow fiber UF membranes for oilâ€“water separation. Journal of Membrane Science, 2006, 279, 328-335.	4.1	184
3	Effect of shear rate within the spinneret on morphology, separation performance and mechanical properties of ultrafiltration polyethersulfone hollow fiber membranes. Chemical Engineering Science, 2000, 55, 1077-1091.	1.9	140
4	Cellulose acetate hollow fiber ultrafiltration membranes made from CA/PVP 360 K/NMP/water. Journal of Membrane Science, 2003, 218, 173-183.	4.1	122
5	A feasibility study on the treatment and recycling of a wastewater from metal plating. Journal of Membrane Science, 2002, 208, 213-221.	4.1	119
6	Effect of wet and dry-jet wet spinning on the shear-induced orientation during the formation of ultrafiltration hollow fiber membranes. Journal of Membrane Science, 2001, 182, 57-75.	4.1	111
7	Development of high flux polyethersulfone hollow fiber ultrafiltration membranes from a low critical solution temperature dope via hypochlorite treatment. Journal of Membrane Science, 2005, 247, 137-142.	4.1	103
8	A high flux ultrafiltration membrane spun from PSU/PVP (K90)/DMF/1,2-propanediol. Journal of Membrane Science, 2003, 211, 139-147.	4.1	101
9	New option of MBR-RO process for production of NEWater from domestic sewage. Journal of Membrane Science, 2006, 272, 70-77.	4.1	95
10	Feasibility study on petrochemical wastewater treatment and reuse using submerged MBR. Journal of Membrane Science, 2007, 293, 161-166.	4.1	83
11	Effect of feed pH on permeate pH and ion rejection under acidic conditions in NF process. Journal of Membrane Science, 2004, 232, 153-159.	4.1	78
12	Investigation of shear stress effect within a spinneret on flux, separation and thermomechanical properties of hollow fiber ultrafiltration membranes. Journal of Membrane Science, 2000, 175, 197-213.	4.1	75
13	Visualization of the effect of die shear rate on the outer surface morphology of ultrafiltration membranes by AFM. Journal of Membrane Science, 2002, 196, 251-266.	4.1	72
14	Dead-end ultrafiltration for pretreatment of RO in reclamation of municipal wastewater effluent. Journal of Membrane Science, 2004, 243, 107-113.	4.1	68
15	Hollow fiber ultrafiltration membranes made from blends of PAN and PVP. Separation and Purification Technology, 2004, 36, 149-155.	3.9	67
16	Experimental studies and modeling on concentration polarization in forward osmosis. Water Science and Technology, 2010, 61, 2897-2904.	1.2	59
17	Effect of feed pH on an integrated membrane process for the reclamation of a combined rinse water from electroless nickel plating. Journal of Membrane Science, 2003, 217, 261-268.	4.1	40
18	Development of a LCST membrane forming system for cellulose acetate ultrafiltration hollow fiber. Separation and Purification Technology, 2005, 42, 291-295.	3.9	39

#	Article	IF	Citations
19	A dual membrane UF/RO process for reclamation of spent rinses from a nickel-plating operationâ€"a case study. Water Research, 2003, 37, 3269-3278.	5.3	37
20	Feasibility study for reclamation of a secondary treated sewage effluent mainly from industrial sources using a dual membrane process. Separation and Purification Technology, 2006, 50, 380-387.	3.9	31
21	Reservoir water treatment using hybrid coagulationâ€"ultrafiltration. Desalination, 2006, 193, 344-349.	4.0	30
22	Hypochlorite treatment of hydrophilic hollow fiber ultrafiltration membranes for high fluxes. Desalination, 2002, 146, 307-309.	4.0	26
23	Pilot study for reclamation of secondary treated sewage effluent. Desalination, 2005, 171, 299-305.	4.0	26
24	Relationship between feed pH and permeate pH in reverse osmosis with town water as feed. Desalination, 2005, 177, 267-272.	4.0	26
25	A pilot study for reclamation of a combined rinse from a nickel-plating operation using a dual-membrane UF/RO process. Desalination, 2004, 161, 155-167.	4.0	24
26	Hollow fiber ultrafiltration membranes with enhanced flux for humic acid removal. Journal of Membrane Science, 2005, 247, 119-125.	4.1	21
27	Preparation of poly(ether sulfone) hollow fiber UF membrane for removal of NOM. Journal of Applied Polymer Science, 2006, 99, 430-435.	1.3	14
28	Enhancement of boron removal in treatment of spent rinse from a plating operation using RO. Desalination, 2005, 172, 151-156.	4.0	13
29	Effects of pH and antiscalant on fouling of RO membrane for reclamation of spent rinse water from metal plating. Separation and Purification Technology, 2005, 46, 46-50.	3.9	12
30	Effect of hypochlorite concentration on properties of posttreated outer-skin ultrafiltration membranes spun from cellulose acetate/poly(vinyl pyrrolidone) blends. Journal of Applied Polymer Science, 2005, 97, 227-231.	1.3	8
31	The use of ultrafiltration for treatment of spent solventcleaning rinses from nickel-plating operations: membrane material selection study. Desalination, 2004, 170, 169-175.	4.0	7
32	Pilot study of a submerged membrane bioreactor for water reclamation. Water Science and Technology, 2009, 60, 3269-3274.	1.2	5
33	Pilot study for reclamation of the secondary effluent at Changi water reclamation plant. Desalination and Water Treatment, 2009, 11, 215-223.	1.0	4
34	Pilot study on the treatment of spent solvent cleaning rinse in metal plating. Desalination, 2006, 191, 359-364.	4.0	3
35	Integrated coagulationâ€"ultrafiltration for enhanced removals of phosphate and organic in tertiary treatment. Desalination and Water Treatment, 2012, 44, 284-288.	1.0	3
36	Enhanced Removals of Phosphate and DOC in Tertiary Treatment for Water Resue by a New Hybrid Coagulation-Ultrafiltration. Proceedings of the Water Environment Federation, 2010, 2010, 7095-7100.	0.0	0