Andrea Schaefer

List of Publications by Year in Descending Order

163 papers	7,902 citations	48 h-index	84 g-index
172 ext. papers	8,823 ext. citations	8.9 avg, IF	6.59 L-index

#	Paper	IF	Citations
163	Renewable energy powered membrane technology: Impact of osmotic backwash on organic fouling during solar irradiance fluctuation. *Journal of Membrane Science*, **2022**, 647, 120286	9.6	1
162	Renewable energy powered membrane technology: Energy consumption analysis of ultrafiltration backwash configurations. *Separation and Purification Technology*, **2022**, 287, 120388	8.3	
161	Noble-metal-free photosensitizers for continuous-flow photochemical oxidation of steroid hormone micropollutants under sunlight. *Journal of Membrane Science*, **2022**, 642, 119981	9.6	0
160	Selenium species removal by nanofiltration: Determination of retention mechanisms.. *Science of the Total Environment*, **2022**, 154287	10.2	0
159	Cyclodextrin Composite Nanofiber Membrane: Impact of the Crosslinker Type on Steroid Hormone Micropollutant Removal from Water. *ACS Applied Polymer Materials*, **2021**, 3, 2646-2656	4.3	3
158	Removal of steroid hormone micropollutants from water using a membrane composite of UF with permeate side adsorption. *Membrane Technology*, **2021**, 2021, 5-7	1.8	
157	Incorporation of single-walled carbon nanotubes in ultrafiltration support structure for the removal of steroid hormone micropollutants. *Separation and Purification Technology*, **2021**, 264, 118405	8.3	5
156	Fouling in Nanofiltration **2021**, 273-379		0
155	Trace Contaminant Removal by Nanofiltration **2021**, 805-887		1
154	Interactions between carbon-based nanoparticles and steroid hormone micropollutants in water. *Journal of Hazardous Materials*, **2021**, 402, 122929	12.8	10
153	Renewable energy powered membrane technology: System resilience under solar irradiance fluctuations during the treatment of fluoride-rich natural waters by different nanofiltration/reverse osmosis membranes. *Journal of Membrane Science*, **2021**, 617, 118452	9.6	15
152	Removal of arsenic(V) by nanofiltration: Impact of water salinity, pH and organic matter. *Journal of Membrane Science*, **2021**, 618, 118631	9.6	23
151	Renewable energy powered membrane technology: Impact of osmotic backwash on scaling during solar irradiance fluctuation. *Journal of Membrane Science*, **2021**, 619, 118799	9.6	2
150	Nitrate, arsenic and fluoride removal by electrodialysis from brackish groundwater. *Water Research*, **2021**, 190, 116683	12.5	38
149	Renewable Energy Powered Membrane Technology: Electrical Energy Storage Options for a Photovoltaic-Powered Brackish Water Desalination System. *Applied Sciences (Switzerland)*, **2021**, 11, 856	2.6	2
148	Cross-linked Ecyclodextrin nanofiber composite membrane for steroid hormone micropollutant removal from water. *Journal of Membrane Science*, **2021**, 618, 118228	9.6	27
147	Micropollutants breakthrough curve phenomena in nanofiltration: Impact of operational parameters. *Separation and Purification Technology*, **2021**, 267, 118406	8.3	3

146	Organic matter interference with steroid hormone removal by single-walled carbon nanotubes□□ultrafiltration composite membrane. *Water Research*, **2021**, 199, 117148	12.5	4
145	Renewable Energy-Powered Nanofiltration **2021**, 961-1020		
144	Removal of arsenic(III) via nanofiltration: contribution of organic matter interactions. *Water Research*, **2021**, 201, 117315	12.5	3
143	Photodegradation of steroid-hormone micropollutants in a flow-through membrane reactor coated with Pd(II)-porphyrin. *Applied Catalysis B: Environmental*, **2021**, 291, 120097	21.8	4
142	Technologies to Remove Selenium from Water and Wastewater. *Environmental Chemistry for A Sustainable World*, **2021**, 207-304	0.8	1
141	Removal of Naturally Occurring Strontium by Nanofiltration/Reverse Osmosis from Groundwater. *Membranes*, **2020**, 10,	3.8	12
140	Separation and degradation detection of nanogram-per-litre concentrations of radiolabelled steroid hormones using combined liquid chromatography and flow scintillation analysis. *Scientific Reports*, **2020**, 10, 7095	4.9	5
139	Low pressure operated ultrafiltration membrane with integration of hollow mesoporous carbon nanospheres for effective removal of micropollutants. *Journal of Hazardous Materials*, **2020**, 397, 122779	12.8	13
138	Recycled and desalinated water: Consumers' associations, and the influence of affect and disgust on willingness to use. *Journal of Environmental Management*, **2020**, 261, 110217	7.9	18
137	Photocatalytic degradation of organic dye via atomic layer deposited TiO2 on ceramic membranes in single-pass flow-through operation. *Journal of Membrane Science*, **2020**, 604, 118015	9.6	28
136	Comparison of Photocatalytic Membrane Reactor Types for the Degradation of an Organic Molecule by TiO2-Coated PES Membrane. *Catalysts*, **2020**, 10, 725	4	14
135	Steroid hormone micropollutant removal from water with activated carbon fiber-ultrafiltration composite membranes. *Journal of Hazardous Materials*, **2020**, 391, 122020	12.8	15
134	Renewable energy powered membrane technology: Energy buffering control system for improved resilience to periodic fluctuations of solar irradiance. *Renewable Energy*, **2020**, 149, 877-889	8.1	6
133	Renewable energy powered membrane technology: Impact of solar irradiance fluctuation on direct osmotic backwash. *Journal of Membrane Science*, **2020**, 598, 117666	9.6	7
132	Regeneration of □Cyclodextrin Based Membrane by Photodynamic Disulfide Exchange □Steroid Hormone Removal from Water. *Advanced Materials Interfaces*, **2020**, 7, 1902100	4.6	2
131	Investigation of the reaction kinetics of photocatalytic pollutant degradation under defined conditions with inkjet-printed TiO2 films □From batch to a novel continuous-flow microreactor. *Reaction Chemistry and Engineering*, **2020**, 5, 1658-1670	4.9	9
130	Polymer-based spherical activated carbon - ultrafiltration (UF-PBSAC) for the adsorption of steroid hormones from water: Material characteristics and process configuration. *Water Research*, **2020**, 185, 116249	12.5	5
129	Comparative study of nanofiltration membrane characterization devices of different dimension and configuration (cross flow and dead end). *Journal of Membrane Science*, **2019**, 585, 67-80	9.6	31

128	Renewable energy powered membrane technology: Experimental investigation of system performance with variable module size and fluctuating energy. *Separation and Purification Technology*, **2019**, 221, 64-73	8.3	8
127	Renewable energy powered membrane technology: Computational fluid dynamics evaluation of system performance with variable module size and fluctuating energy. *Separation and Purification Technology*, **2019**, 220, 206-216	8.3	8
126	Removal of steroid hormone micropollutants by UF-PBSAC composite in presence of organic matter. *Journal of Membrane Science*, **2019**, 592, 117315	9.6	10
125	Efficient Photocatalytic Removal of Methylene Blue Using a Metalloporphyrin-Poly(vinylidene fluoride) Hybrid Membrane in a Flow-Through Reactor. *ACS Applied Materials & Interfaces*, **2019**, 11, 31763-31776	9.5	15
124	Renewable energy powered membrane technology: A review of the reliability of photovoltaic-powered membrane system components for brackish water desalination. *Applied Energy*, **2019**, 253, 113524	10.7	34
123	Fate of steroid hormone micropollutant estradiol in a hybrid magnetic ion exchange resin-nanofiltration process. *Environmental Chemistry*, **2019**, 16, 630	3.2	2
122	Removal of fluoride and natural organic matter from natural tropical brackish waters by nanofiltration/reverse osmosis with varying water chemistry. *Chemosphere*, **2019**, 217, 47-58	8.4	28
121	Poly(ether sulfone) Nanofibers Impregnated with Cyclodextrin for Increased Micropollutant Removal from Water. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 2942-2953	8.3	26
120	Organic fouling control through magnetic ion exchange-nanofiltration (MIEX-NF) in water treatment. *Journal of Membrane Science*, **2018**, 549, 474-485	9.6	33
119	Removal of steroid micropollutants by polymer-based spherical activated carbon (PBSAC) assisted membrane filtration. *Journal of Hazardous Materials*, **2018**, 353, 514-521	12.8	27
118	Renewable energy powered membrane technology: Impact of pH and ionic strength on fluoride and natural organic matter removal. *Science of the Total Environment*, **2018**, 621, 138-147	10.2	14
117	Renewable energy-powered membrane technology in Tanzanian communities. *Npj Clean Water*, **2018**, 1,	11.2	8
116	Seasonal variation of organic matter characteristics and fluoride concentration in the Maji ya Chai River (Tanzania): Impact on treatability by nanofiltration/reverse osmosis. *Science of the Total Environment*, **2018**, 637-638, 1209-1220	10.2	16
115	Adsorption of steroid micropollutants on polymer-based spherical activated carbon (PBSAC). *Journal of Hazardous Materials*, **2017**, 337, 126-137	12.8	44
114	WaterEnergy Nexus Perspectives in the Context of Photovoltaic-Powered Decentralized Water Treatment Systems: A Tanzanian Case Study. *Energy Technology*, **2017**, 5, 1112-1123	3.5	9
113	Inorganic trace contaminant removal from real brackish groundwater using electrodialysis. *Separation and Purification Technology*, **2017**, 187, 426-435	8.3	37
112	Implications of humic acid, inorganic carbon and speciation on fluoride retention mechanisms in nanofiltration and reverse osmosis. *Journal of Membrane Science*, **2017**, 528, 82-94	9.6	39
111	Autonomous Solar-Powered Desalination Systems for Remote Communities **2017**, 75-125		2

110	Prospects and State-of-the-Art of Carbon Nanotube Membranes in Desalination Processes **2017**, 305-339		
109	Estradiol Uptake in a Combined Magnetic Ion Exchange - Ultrafiltration (MIEX-UF) Process During Water Treatment. *Current Pharmaceutical Design*, **2017**, 23, 328-337	3.3	5
108	Solid-phase microextraction to determine micropollutant-macromolecule partition coefficients. *Nature Protocols*, **2016**, 11, 1328-44	18.8	9
107	Impact of laterite characteristics on fluoride removal from water. *Journal of Chemical Technology and Biotechnology*, **2016**, 91, 911-920	3.5	15
106	Renewable energy powered membrane technology: Case study of St. Dorcas borehole in Tanzania demonstrating fluoride removal via nanofiltration/reverse osmosis. *Separation and Purification Technology*, **2016**, 170, 445-452	8.3	40
105	Seasonal variation of organic matter concentration and characteristics in the Maji ya Chai River (Tanzania): Impact on treatability by ultrafiltration. *Water Research*, **2016**, 101, 370-381	12.5	23
104	Renewable energy powered membrane technology: Impact of solar irradiance fluctuations on performance of a brackish water reverse osmosis system. *Separation and Purification Technology*, **2015**, 156, 379-390	8.3	35
103	Factors affecting fluoride and natural organic matter (NOM) removal from natural waters in Tanzania by nanofiltration/reverse osmosis. *Science of the Total Environment*, **2015**, 527-528, 520-9	10.2	89
102	Renewable energy powered membrane technology: Fluoride removal in a rural community in northern Tanzania. *Separation and Purification Technology*, **2015**, 149, 349-361	8.3	41
101	Removal of fluoride and uranium by nanofiltration and reverse osmosis: a review. *Chemosphere*, **2014**, 117, 679-91	8.4	162
100	Renewable energy powered membrane technology: A leapfrog approach to rural water treatment in developing countries?. *Renewable and Sustainable Energy Reviews*, **2014**, 40, 542-556	16.2	50
99	Physico-chemical characterization of polyamide NF/RO membranes: Insight from streaming current measurements. *Journal of Membrane Science*, **2014**, 461, 130-138	9.6	74
98	Renewable energy powered membrane technology: Safe operating window of a brackish water desalination system. *Journal of Membrane Science*, **2014**, 468, 400-409	9.6	21
97	Renewable energy powered membrane technology: Brackish water desalination system operated using real wind fluctuations and energy buffering. *Journal of Membrane Science*, **2014**, 468, 224-232	9.6	35
96	Response to comment on "experimental energy barriers to anions transporting through nanofiltration membranes". *Environmental Science & Technology*, **2013**, 47, 8987-8	10.3	1
95	Electrodialytic removal of NaCl from water: Impacts of using pulsed electric potential on ion transport and water dissociation phenomena. *Journal of Membrane Science*, **2013**, 435, 99-109	9.6	44
94	Renewable energy-powered membrane technology: Supercapacitors for buffering resource fluctuations in a wind-powered membrane system for brackish water desalination. *Renewable Energy*, **2013**, 50, 126-135	8.1	34
93	Removal of adsorbing estrogenic micropollutants by nanofiltration membranes. Part AExperimental evidence. *Journal of Membrane Science*, **2013**, 431, 244-256	9.6	64

92	Removal of adsorbing estrogenic micropollutants by nanofiltration membranes: Part B Modeldevelopment. *Journal of Membrane Science*, **2013**, 431, 257-266	9.6	23
91	Experimental energy barriers to anions transporting through nanofiltration membranes. *Environmental Science & Technology*, **2013**, 47, 1968-76	10.3	73
90	Quantification of solute Solute interactions in steroidal hormone removal by ultrafiltration membranes. *Separation and Purification Technology*, **2012**, 90, 31-38	8.3	17
89	Quantifying Sorption on Membrane and Surface Binding Interactions Using Mass Spectrometry. *Procedia Engineering*, **2012**, 44, 1473-1475		
88	Quantification of hormone-humic acid interactions in nanofiltration. *Environmental Science & Technology*, **2012**, 46, 10597-604	10.3	15
87	Quantifying barriers to monovalent anion transport in narrow non-polar pores. *Physical Chemistry Chemical Physics*, **2012**, 14, 11633-8	3.6	46
86	The importance of dehydration in determining ion transport in narrow pores. *Small*, **2012**, 8, 1701-9	11	153
85	The effect of intermittent operation on a wind-powered membrane system for brackish water desalination. *Water Science and Technology*, **2012**, 65, 867-74	2.2	18
84	Estrogenic micropollutant adsorption dynamics onto nanofiltration membranes. *Journal of Membrane Science*, **2011**, 381, 132-141	9.6	44
83	Renewable energy powered membrane technology: The effect of wind speed fluctuations on the performance of a wind-powered membrane system for brackish water desalination. *Journal of Membrane Science*, **2011**, 370, 34-44	9.6	43
82	Micropollutant sorption to membrane polymers: a review of mechanisms for estrogens. *Advances in Colloid and Interface Science*, **2011**, 164, 100-17	14.3	181
81	Sorption of pesticide endosulfan by electrodialysis membranes. *Chemical Engineering Journal*, **2011**, 166, 233-239	14.7	59
80	Renewable energy powered membrane technology: Salt and inorganic contaminant removal by nanofiltration/reverse osmosis. *Journal of Membrane Science*, **2011**, 369, 188-195	9.6	87
79	Removal of pharmaceuticals and endocrine disrupting compounds in a water recycling process using reverse osmosis systems. *Separation and Purification Technology*, **2011**, 77, 60-67	8.3	124
78	Renewable energy powered membrane systems: inorganic contaminant removal from Australian groundwaters. *Membrane Water Treatment*, **2011**, 2, 239-250		4
77	Impact of speciation on removal of manganese and organic matter by nanofiltration **2010**, 59, 152-163		12
76	Chapter 12 Renewable Energy Powered Water Treatment Systems. *Sustainability Science and Engineering*, **2010**, 353-373		4
75	Xenobiotics Removal by Membrane Technology: An Overview. *Environmental Pollution*, **2010**, 307-338	0	3

74	Chapter 7 Micropollutants in Water Recycling: A Case Study of N-Nitrosodimethylamine (NDMA) Exposure from Water versus Food. *Sustainability Science and Engineering*, **2010**, 203-228		9
73	Sorption of micropollutant estrone to a water treatment ion exchange resin. *Journal of Environmental Monitoring*, **2010**, 12, 311-7		39
72	Impact of organic matter and speciation on the behaviour of uranium in submerged ultrafiltration. *Journal of Membrane Science*, **2010**, 348, 174-180	9.6	64
71	Chemical drinking water quality in Ghana: water costs and scope for advanced treatment. *Science of the Total Environment*, **2010**, 408, 2378-86	10.2	75
70	Impact of speciation on behaviour of uranium in a solar powered membrane system for treatment of brackish groundwater. *Separation and Purification Technology*, **2010**, 71, 89-96	8.3	19
69	Impact of organic matrix compounds on the retention of steroid hormone estrone by a "loose" nanofiltration membrane. *Separation and Purification Technology*, **2010**, 73, 179-187	8.3	26
68	Sorption of steroidal hormones by electrodialysis membranes. *Journal of Membrane Science*, **2010**, 365, 198-205	9.6	17
67	Impact of pH on the removal of fluoride, nitrate and boron by nanofiltration/reverse osmosis. *Desalination*, **2010**, 261, 331-337	10.3	164
66	Influence of pH on Losses of Analyte Estradiol in Sample Prefiltration. *Environmental Engineering Science*, **2009**, 26, 1157-1161	2	9
65	pH dependence of steroid hormone--organic matter interactions at environmental concentrations. *Science of the Total Environment*, **2009**, 407, 1164-73	10.2	66
64	Desalinated versus recycled water: public perceptions and profiles of the accepters. *Journal of Environmental Management*, **2009**, 90, 888-900	7.9	199
63	The role of NOM fouling for the retention of estradiol and ibuprofen during ultrafiltration. *Journal of Membrane Science*, **2009**, 329, 75-84	9.6	82
62	Removal of boron, fluoride and nitrate by electrodialysis in the presence of organic matter. *Journal of Membrane Science*, **2009**, 334, 101-109	9.6	135
61	Removal of inorganic trace contaminants by electrodialysis in a remote Australian community. *Desalination*, **2009**, 248, 48-57	10.3	20
60	Application of solar-powered desalination in a remote town in South Australia. *Desalination*, **2009**, 248, 72-82	10.3	28
59	Magnetic ion exchange: Is there potential for international development?. *Desalination*, **2009**, 248, 160-168	10.3	46
58	Potential of wind-powered renewable energy membrane systems for Ghana. *Desalination*, **2009**, 248, 169-176	10.3	21
57	Impact of speciation on fluoride, arsenic and magnesium retention by nanofiltration/reverse osmosis in remote Australian communities. *Desalination*, **2009**, 248, 177-183	10.3	37

56	Physico-chemical water quality in Ghana: Prospects for water supply technology implementation. *Desalination*, **2009**, 248, 193-203	10.3	15
55	Ultrafiltration to Supply Drinking Water in International Development: A Review of Opportunities **2009**, 151-168		6
54	Impact of Feedwater Salinity on Energy Requirements of a Small-Scale Membrane Filtration System **2009**, 123-137		3
53	Renewable energy powered membrane technology. 2. The effect of energy fluctuations on performance of a photovoltaic hybrid membrane system. *Environmental Science & Technology*, **2008**, 42, 4563-9	10.3	63
52	Quantification of solute-solute interactions using negligible-depletion solid-phase microextraction: measuring the affinity of estradiol to bulk organic matter. *Environmental Science & Technology*, **2008**, 42, 2886-92	10.3	41
51	Characterisation and assessment of water treatment technologies for reuse. *Desalination*, **2008**, 218, 92-104	10.3	50
50	Key objectives for water reuse concepts. *Desalination*, **2008**, 218, 120-131	10.3	62
49	Desalination using electrodialysis as a function of voltage and salt concentration. *Desalination*, **2007**, 205, 38-46	10.3	108
48	Social aspects of a solar-powered desalination unit for remote Australian communities. *Desalination* , **2007**, 203, 375-393	10.3	41
47	From concept to commercialisation: student learning in a sustainable engineering innovation project. *European Journal of Engineering Education*, **2007**, 32, 143-165	1.5	23
46	Occurrence of pharmaceutically active and non-steroidal estrogenic compounds in three different wastewater recycling schemes in Australia. *Chemosphere*, **2007**, 69, 803-15	8.4	126
45	Renewable energy powered membrane technology. 1. Development and characterization of a photovoltaic hybrid membrane system. *Environmental Science & Technology*, **2007**, 41, 998-1003	10.3	88
44	Role of electrostatic interactions in the retention of pharmaceutically active contaminants by a loose nanofiltration membrane. *Journal of Membrane Science*, **2006**, 286, 52-59	9.6	168
43	A new approach to increasing diversity in engineering at the example of women in engineering. *European Journal of Engineering Education*, **2006**, 31, 661-671	1.5	15
42	Relevance of the precautionary principle in water recycling. *Desalination*, **2006**, 187, 241-252	10.3	11
41	Fouling in greywater recycling by direct ultrafiltration. *Desalination*, **2006**, 187, 283-290	10.3	55
40	Critical risk points of nanofiltration and reverse osmosis processes in water recycling applications. *Desalination*, **2006**, 187, 303-312	10.3	67
39	Fouling autopsy of hollow-fibre MF membranes in wastewater reclamation. *Desalination*, **2006**, 188, 113-121	10.3	35

38	Bisphenol A retention in the direct ultrafiltration of greywater. *Journal of Membrane Science*, **2006**, 283, 233-243	9.6	62
37	Pharmaceutical retention mechanisms by nanofiltration membranes. *Environmental Science & Technology*, **2005**, 39, 7698-705	10.3	380
36	Steroid estrogens in ocean sediments. *Chemosphere*, **2005**, 61, 827-33	8.4	78
35	Fate of steroid estrogens in Australian inland and coastal wastewater treatment plants. *Environmental Science & Technology*, **2005**, 39, 3351-8	10.3	160
34	The role of membrane processes in municipal wastewater reclamation and reuse. *Desalination*, **2005**, 178, 1-11	10.3	221
33	Removal and fouling mechanisms in nanofiltration of polysaccharide solutions. *Desalination*, **2005**, 178, 149-159	10.3	22
32	System design and performance testing of a hybrid membrane photovltaic desalination system. *Desalination*, **2005**, 179, 51-59	10.3	23
31	Testing of a hybrid membrane system for groundwater desalination in an Australian national park. *Desalination*, **2005**, 183, 55-62	10.3	30
30	Membranes and renewable energy a new era of sustainable development for developing countries. *Membrane Technology*, **2005**, 2005, 6-10	1.8	14
29	A performance comparison of individual and combined treatment modules for water recycling. *Environmental Progress*, **2005**, 24, 383-391		9
28	Fouling mechanisms of submerged ultrafiltration membranes in greywater recycling. *Desalination*, **2005**, 179, 215-223	10.3	33
27	Municipal wastewater reclamation: where do we stand? An overview of treatment technology and management practice. *Water Science and Technology: Water Supply*, **2005**, 5, 77-85	1.4	41
26	Nanofiltration of Hormone Mimicking Trace Organic Contaminants. *Separation Science and Technology*, **2005**, 40, 2633-2649	2.5	69
25	Assessment of Trace Estrogenic Contaminants Removal by Coagulant Addition, Powdered Activated Carbon Adsorption and Powdered Activated Carbon/Microfiltration Processes. *Journal of Environmental Engineering, ASCE*, **2004**, 130, 736-742	2	25
24	Natural organic matter removal by nanofiltration: effects of solution chemistry on retention of low molar mass acids versus bulk organic matter. *Journal of Membrane Science*, **2004**, 242, 73-85	9.6	64
23	Estrogenic hormone removal from wastewater using NF/RO membranes. *Journal of Membrane Science*, **2004**, 242, 37-45	9.6	144
22	Removal of natural hormones by nanofiltration membranes: measurement, modeling, and mechanisms. *Environmental Science & Technology*, **2004**, 38, 1888-96	10.3	432
21	Performance of a small solar-powered hybrid membrane system for remote communities under varying feedwater salinities. *Water Science and Technology: Water Supply*, **2004**, 4, 233-243	1.4	9

20	Photovoltaic-powered desalination system for remote Australian communities. *Renewable Energy*, **2003**, 28, 2013-2022	8.1	46
19	Removal of the natural hormone estrone from aqueous solutions using nanofiltration and reverse osmosis. *Environmental Science & Technology*, **2003**, 37, 182-8	10.3	222
18	Adsorption of the endocrine-active compound estrone on microfiltration hollow fiber membranes. *Environmental Science & Technology*, **2003**, 37, 3158-63	10.3	43
17	Design considerations for a solar-powered desalination system for remote communities in Australia. *Desalination*, **2002**, 144, 193-199	10.3	36
16	Adsorption of trace steroid estrogens to hydrophobic hollow fibre membranes. *Desalination*, **2002**, 146, 381-386	10.3	36
15	Particle interactions and removal of trace contaminants from water and wastewaters. *Desalination*, **2002**, 147, 243-250	10.3	62
14	Adsorptive interactions between membranes and trace contaminants. *Desalination*, **2002**, 147, 269-274	10.3	86
13	Adsorption and Transport of Trace Contaminant Estrone in NF/RO Membranes. *Environmental Engineering Science*, **2002**, 19, 441-451	2	88
12	Charge effects in the fractionation of natural organics using ultrafiltration. *Environmental Science & Technology*, **2002**, 36, 2572-80	10.3	59
11	Role of hydrophobic and electrostatic interactions for initial enteric virus retention by MF membranes. *Journal of Membrane Science*, **2001**, 194, 69-79	9.6	79
10	Ultrafiltration of natural organic matter. *Separation and Purification Technology*, **2001**, 22-23, 63-78	8.3	165
9	Cost factors and chemical pretreatment effects in the membrane filtration of waters containing natural organic matter. *Water Research*, **2001**, 35, 1509-17	12.5	129
8	Direct coagulation pretreatment in nanofiltration of waters rich in organic matter and calcium. *Water Science and Technology: Water Supply*, **2001**, 1, 25-33	1.4	18
7	Fouling effects on rejection in the membrane filtration of natural waters. *Desalination*, **2000**, 131, 215-224	10.3	177
6	Microfiltration of colloids and natural organic matter. *Journal of Membrane Science*, **2000**, 171, 151-172	9.6	118
5	Colloidal Fouling of Ultrafiltration Membranes: Impact of Aggregate Structure and Size. *Journal of Colloid and Interface Science*, **1999**, 212, 264-274	9.3	126
4	Nanofiltration of natural organic matter: Removal, fouling and the influence of multivalent ions. *Desalination*, **1998**, 118, 109-122	10.3	195
3	Natural Organics Removal Using Membranes		40

2	Nanoenabled Products: Categories, Manufacture, and Applications409-464		3
1	Methods for selenium removal from contaminated waters: a review. *Environmental Chemistry Letters*,1	13.3	1