Stuart J Khan

List of Publications by Year in Descending Order

172 papers	7,725 citations	48 h-index	83 g-index
186 ext. papers	8,718 ext. citations	7.6 avg, IF	6.18 L-index

#	Paper	IF	Citations
172	Scenarios for urban water management futures: A systematic review.. *Water Research*, **2022**, 211, 118079	12.5	3
171	Late Holocene climate anomaly concurrent with fire activity and ecosystem shifts in the eastern Australian Highlands. *Science of the Total Environment*, **2022**, 802, 149542	10.2	3
170	Minimizing errors in RT-PCR detection and quantification of SARS-CoV-2 RNA for wastewater surveillance. *Science of the Total Environment*, **2022**, 805, 149877	10.2	36
169	One planet: one health. A call to support the initiative on a global science-policy body on chemicals and waste.. *Environmental Sciences Europe*, **2022**, 34, 21	5	2
168	Multivariate experimental design provides insights for the optimisation of rechloramination conditions and water age to control disinfectant decay and disinfection by-product formation in treated drinking water.. *Science of the Total Environment*, **2022**, 154324	10.2	2
167	Aerobic biotransformation of 6:2 fluorotelomer sulfonate by Dietzia aurantiaca J3 under sulfur-limiting conditions.. *Science of the Total Environment*, **2022**, 829, 154587	10.2	0
166	Chiral inversion of 2-arylpropionoic acid (2-APA) enantiomers during simulated biological wastewater treatment. *Water Research*, **2021**, 209, 117871	12.5	0
165	Scientists' warning on extreme wildfire risks to water supply. *Hydrological Processes*, **2021**, 35, e14086	3.3	10
164	Ecological consequences of Australian "Black Summer" (2019-20) fires: A synthesis of Australian Commonwealth Government report findings. *Integrated Environmental Assessment and Management*, **2021**, 17, 1136-1140	2.5	1
163	A multivariate Bayesian network analysis of water quality factors influencing trihalomethanes formation in drinking water distribution systems. *Water Research*, **2021**, 190, 116712	12.5	4
162	Enhanced nanofiltration rejection of inorganic and organic compounds from a wastewater-reclamation plant micro-filtered water using adsorption pre-treatment. *Separation and Purification Technology*, **2021**, 260, 118207	8.3	9
161	Role of wastewater treatment in COVID-19 control. *Water Quality Research Journal of Canada*, **2021**, 56, 68-82	1.7	9
160	Management of water quality in Chile: key aspects for improvement. *Urban Water Journal*, **2021**, 18, 287-299	2.3	
159	Surface modification of nanofiltration membranes to improve the removal of organic micropollutants: Linking membrane characteristics to solute transmission. *Water Research*, **2021**, 203, 117520	12.5	6
158	Influence of applied potential on treatment performance and clogging behaviour of hybrid constructed wetland-microbial electrochemical technologies. *Chemosphere*, **2021**, 284, 131296	8.4	11
157	Application of a QWASI model to produce validated insights into the fate and transport of six emerging contaminants in a wastewater lagoon system. *Science of the Total Environment*, **2020**, 721, 137676	10.2	3
156	Formation of algal-derived nitrogenous disinfection by-products during chlorination and chloramination. *Water Research*, **2020**, 183, 116047	12.5	16

155	Deriving safe short-term chemical exposure values (STEV) for drinking water. *Regulatory Toxicology and Pharmacology*, **2020**, 110, 104545	3.4	1
154	Enhanced chromium(VI) treatment in electroactive constructed wetlands: Influence of conductive material. *Journal of Hazardous Materials*, **2020**, 387, 121722	12.8	19
153	Biocatalytic metal-organic framework nanomotors for active water decontamination. *Chemical Communications*, **2020**, 56, 14837-14840	5.8	13
152	Removal of organic matter from wastewater reverse osmosis concentrate using granular activated carbon and anion exchange resin adsorbent columns in sequence. *Chemosphere*, **2020**, 261, 127549	8.4	11
151	Electrode dependent anaerobic ammonium oxidation in microbial fuel cell integrated hybrid constructed wetlands: A new process. *Science of the Total Environment*, **2020**, 698, 134248	10.2	62
150	Fugacity modelling of the fate of micropollutants in aqueous systems - Uncertainty and sensitivity issues. *Science of the Total Environment*, **2020**, 699, 134249	10.2	7
149	Disinfectant residual stability leading to disinfectant decay and by-product formation in drinking water distribution systems: A systematic review. *Water Research*, **2019**, 153, 335-348	12.5	53
148	A flexible framework for assessing the sustainability of alternative water supply options. *Science of the Total Environment*, **2019**, 671, 1257-1268	10.2	18
147	Evaluating the enantiospecific differences of non-steroidal anti-inflammatory drugs (NSAIDs) using an ecotoxicity bioassay test battery. *Science of the Total Environment*, **2019**, 694, 133659	10.2	12
146	Glycerol dialkyl glycerol tetraethers (GDGT) distributions from soil to cave: Refining the speleothem paleothermometer. *Organic Geochemistry*, **2019**, 136, 103890	3.1	6
145	New insights into the relationship between draw solution chemistry and trace organic rejection by forward osmosis. *Journal of Membrane Science*, **2019**, 587, 117184	9.6	23
144	An evaluation of measurement techniques for algal-derived organic nitrogen. *Water Research*, **2019**, 165, 114998	12.5	11
143	Occurrence and bioconcentration of micropollutants in Silver Perch (Bidyanus bidyanus) in a reclaimed water reservoir. *Science of the Total Environment*, **2019**, 650, 585-593	10.2	16
142	Potable reuse: Which chemicals to be concerned about. *Current Opinion in Environmental Science and Health*, **2019**, 7, 76-82	8.1	6
141	Potable reuse: Experiences in Australia. *Current Opinion in Environmental Science and Health*, **2018**, 2, 55-60	8.1	20
140	An anaerobic membrane bioreactor - membrane distillation hybrid system for energy recovery and water reuse: Removal performance of organic carbon, nutrients, and trace organic contaminants. *Science of the Total Environment*, **2018**, 628-629, 358-365	10.2	61
139	The fate of trace organic contaminants during anaerobic digestion of primary sludge: A pilot scale study. *Bioresource Technology*, **2018**, 256, 384-390	11	41
138	Histopathology, vitellogenin and chemical body burden in mosquitofish (Gambusia holbrooki) sampled from six river sites receiving a gradient of stressors. *Science of the Total Environment*, **2018**, 616-617, 1638-1648	10.2	13

137	Effects of sulphur on the performance of an anaerobic membrane bioreactor: Biological stability, trace organic contaminant removal, and membrane fouling. *Bioresource Technology*, **2018**, 250, 171-177	11	34
136	Applications of membrane bioreactors for water reclamation: Micropollutant removal, mechanisms and perspectives. *Bioresource Technology*, **2018**, 269, 532-543	11	71
135	Fate of trace organic contaminants in oxic-settling-anoxic (OSA) process applied for biosolids reduction during wastewater treatment. *Bioresource Technology*, **2017**, 240, 181-191	11	15
134	The fate of trace organic contaminants in sewage sludge during recuperative thickening anaerobic digestion. *Bioresource Technology*, **2017**, 240, 197-206	11	16
133	Estimating human toxicity potential of land application of sewage sludge: the effect of modelling choices. *International Journal of Life Cycle Assessment*, **2017**, 22, 731-743	4.6	15
132	Effects of thermal pre-treatment and recuperative thickening on the fate of trace organic contaminants during anaerobic digestion of sewage sludge. *International Biodeterioration and Biodegradation*, **2017**, 124, 146-154	4.8	24
131	Hypothetical scenario exercises to improve planning and readiness for drinking water quality management during extreme weather events. *Water Research*, **2017**, 111, 100-108	12.5	9
130	Bayesian belief network modelling of chlorine disinfection for human pathogenic viruses in municipal wastewater. *Water Research*, **2017**, 109, 144-154	12.5	17
129	Lessons and guidance for the management of safe drinking water during extreme weather events. *Environmental Science: Water Research and Technology*, **2017**, 3, 262-277	4.2	11
128	Robust evaluation of performance monitoring options for ozone disinfection in water recycling using Bayesian analysis. *Water Research*, **2017**, 124, 605-617	12.5	12
127	Continuous transformation of chiral pharmaceuticals in enzymatic membrane bioreactors for advanced wastewater treatment. *Water Science and Technology*, **2017**, 76, 1816-1826	2.2	15
126	Virus removal by ultrafiltration: Understanding long-term performance change by application of Bayesian analysis. *Water Research*, **2017**, 122, 269-279	12.5	13
125	Aggregating local, regional and global burden of disease impact assessment: detecting potential problem shifting in air quality policy making. *International Journal of Life Cycle Assessment*, **2017**, 22, 1543-1557	4.6	3
124	Hazardous events in membrane bioreactors Part 1: Impacts on key operational and bulk water quality parameters. *Journal of Membrane Science*, **2016**, 497, 494-503	9.6	8
123	Hazardous events in membrane bioreactors Part 3: Impacts on microorganism log removal efficiencies. *Journal of Membrane Science*, **2016**, 497, 514-523	9.6	12
122	Hazardous events in membrane bioreactors Part 2: Impacts on removal of trace organic chemical contaminants. *Journal of Membrane Science*, **2016**, 497, 504-513	9.6	8
121	Effects of salinity build-up on the performance of an anaerobic membrane bioreactor regarding basic water quality parameters and removal of trace organic contaminants. *Bioresource Technology*, **2016**, 216, 399-405	11	59
120	Biological performance and trace organic contaminant removal by a side-stream ceramic nanofiltration membrane bioreactor. *International Biodeterioration and Biodegradation*, **2016**, 113, 49-56	4.8	15

119	Seasonal variations in fate and removal of trace organic chemical contaminants while operating a full-scale membrane bioreactor. *Science of the Total Environment*, **2016**, 550, 176-183	10.2	59
118	An irrigation experiment to compare soil, water and speleothem tetraether membrane lipid distributions. *Organic Geochemistry*, **2016**, 94, 12-20	3.1	8
117	Occurrence and daily variability of pharmaceuticals and personal care products in swimming pools. *Environmental Science and Pollution Research*, **2016**, 23, 6972-81	5.1	20
116	Occurrence of trace organic contaminants in wastewater sludge and their removals by anaerobic digestion. *Bioresource Technology*, **2016**, 210, 153-9	11	74
115	Case Studies of the Economic, Environmental, and Social Impacts of Direct Potable Reuse. *Proceedings of the Water Environment Federation*, **2016**, 2016, 5302-5314		
114	Presence and select determinants of organophosphate flame retardants in public swimming pools. *Science of the Total Environment*, **2016**, 569-570, 469-475	10.2	13
113	Impact of hazardous events on the removal of nutrients and trace organic contaminants by an anoxic-aerobic membrane bioreactor receiving real wastewater. *Bioresource Technology*, **2015**, 192, 192-201	11	16
112	Assessing burden of disease as disability adjusted life years in life cycle assessment. *Science of the Total Environment*, **2015**, 530-531, 120-128	10.2	31
111	Analysis of organophosphate flame retardants and plasticisers in water by isotope dilution gas chromatography-electron ionisation tandem mass spectrometry. *Talanta*, **2015**, 143, 114-120	6.2	15
110	Global and local health burden trade-off through the hybridisation of quantitative microbial risk assessment and life cycle assessment to aid water management. *Water Research*, **2015**, 79, 26-38	12.5	22
109	Nutrient and trace organic contaminant removal from wastewater of a resort town: Comparison between a pilot and a full scale membrane bioreactor. *International Biodeterioration and Biodegradation*, **2015**, 102, 40-48	4.8	45
108	Development of a predictive framework to assess the removal of trace organic chemicals by anaerobic membrane bioreactor. *Bioresource Technology*, **2015**, 189, 391-398	11	85
107	Managing produced water from coal seam gas projects: implications for an emerging industry in Australia. *Environmental Science and Pollution Research*, **2015**, 22, 10981-1000	5.1	17
106	Rejection of trace organic chemicals by a nanofiltration membrane: the role of molecular properties and effects of caustic cleaning. *Environmental Science: Water Research and Technology*, **2015**, 1, 846-854	4.2	18
105	Extreme weather events: Should drinking water quality management systems adapt to changing risk profiles?. *Water Research*, **2015**, 85, 124-36	12.5	119
104	Towards More Holistic Environmental Impact Assessment: Hybridisation of Life Cycle Assessment and Quantitative Risk Assessment. *Procedia CIRP*, **2015**, 29, 378-383	1.8	20
103	Modelling pathogen log10 reduction values achieved by activated sludge treatment using naïve and semi naïve Bayes network models. *Water Research*, **2015**, 85, 304-15	12.5	13
102	Validating the rejection of trace organic chemicals by reverse osmosis membranes using a pilot-scale system. *Desalination*, **2015**, 358, 18-26	10.3	9

101	Chemical contaminants in swimming pools: Occurrence, implications and control. *Environment International*, **2015**, 76, 16-31	12.9	105
100	Contemporary design, operation, and monitoring of potable reuse systems. *Journal of Water Reuse and Desalination*, **2015**, 5, 1-7	2.6	18
99	Application of portable fluorescence spectrophotometry for integrity testing of recycled water dual distribution systems. *Applied Spectroscopy*, **2015**, 69, 124-9	3.1	3
98	Rejection of trace organic chemicals by a hollow fibre cellulose triacetate reverse osmosis membrane. *Desalination*, **2015**, 368, 69-75	10.3	28
97	Online fluorescence monitoring of RO fouling and integrity: analysis of two contrasting recycled water schemes. *Environmental Science: Water Research and Technology*, **2015**, 1, 689-698	4.2	21
96	Critical Control Points in DPR: Quantifying the Multi-Barrier Approach to Treatment. *Proceedings of the Water Environment Federation*, **2015**, 2015, 5477-5488		
95	Assessment of wastewater and recycled water quality: a comparison of lines of evidence from in vitro, in vivo and chemical analyses. *Water Research*, **2014**, 50, 420-31	12.5	85
94	Modelling the rejection of N-nitrosamines by a spiral-wound reverse osmosis system: Mathematical model development and validation. *Journal of Membrane Science*, **2014**, 454, 212-219	9.6	18
93	Nanofiltration of trace organic chemicals: A comparison between ceramic and polymeric membranes. *Separation and Purification Technology*, **2014**, 136, 258-264	8.3	59
92	Rejection of small solutes by reverse osmosis membranes for water reuse applications: A pilot-scale study. *Desalination*, **2014**, 350, 28-34	10.3	18
91	Removal of pharmaceuticals and endocrine disrupting chemicals by a submerged membrane photocatalysis reactor (MPR). *Separation and Purification Technology*, **2014**, 127, 131-139	8.3	80
90	N-nitrosamine rejection by reverse osmosis: Effects of membrane exposure to chemical cleaning reagents. *Desalination*, **2014**, 343, 60-66	10.3	22
89	Lignin biogeochemistry: from modern processes to Quaternary archives. *Quaternary Science Reviews*, **2014**, 87, 46-59	3.9	86
88	Removal of trace organics by anaerobic membrane bioreactors. *Water Research*, **2014**, 49, 103-12	12.5	123
87	Biologically Mediated Chiral Inversion of Emerging Contaminants **2014**, 261-280		4
86	Distinct enantiomeric signals of ibuprofen and naproxen in treated wastewater and sewer overflow. *Chirality*, **2014**, 26, 739-46	2.1	35
85	A national survey of trace organic contaminants in Australian rivers. *Journal of Environmental Quality*, **2014**, 43, 1702-12	3.4	49
84	An assessment of endocrine activity in Australian rivers using chemical and in vitro analyses. *Environmental Science and Pollution Research*, **2014**, 21, 12951-67	5.1	55

83	Enantioselective analysis and fate of polycyclic musks in a water recycling plant in Sydney (Australia). *Water Science and Technology*, **2014**, 69, 1996-2003	2.2	6
82	Managing water quality impacts from drought on drinking water supplies **2014**, 63, 179-188		14
81	Removal of polycyclic musks by anaerobic membrane bioreactor: biodegradation, biosorption, and enantioselectivity. *Chemosphere*, **2014**, 117, 722-9	8.4	13
80	Ozonation of N-Nitrosamines in the Reverse Osmosis Concentrate from Water Recycling Applications. *Ozone: Science and Engineering*, **2014**, 36, 174-180	2.4	10
79	Assessment of the application of bioanalytical tools as surrogate measure of chemical contaminants in recycled water. *Water Research*, **2014**, 49, 300-15	12.5	88
78	Validation of a full-scale membrane bioreactor and the impact of membrane cleaning on the removal of microbial indicators. *Bioresource Technology*, **2014**, 155, 432-7	11	31
77	Contrasting distributions of glycerol dialkyl glycerol tetraethers (GDGTs) in speleothems and associated soils. *Organic Geochemistry*, **2014**, 69, 1-10	3.1	24
76	N-nitrosamine rejection by reverse osmosis membranes: a full-scale study. *Water Research*, **2013**, 47, 6141-8	12.5	46
75	Rejection of small and uncharged chemicals of emerging concern by reverse osmosis membranes: The role of free volume space within the active skin layer. *Separation and Purification Technology*, **2013**, 116, 426-432	8.3	39
74	Removal of heavy metals from industrial wastewaters using amine-functionalized nanoporous carbon as a novel sorbent. *Mikrochimica Acta*, **2013**, 180, 227-233	5.8	8
73	Trace organic solutes in closed-loop forward osmosis applications: influence of membrane fouling and modeling of solute build-up. *Water Research*, **2013**, 47, 5232-44	12.5	81
72	Enantiomeric analysis of polycyclic musks in water by chiral gas chromatography-tandem mass spectrometry. *Journal of Chromatography A*, **2013**, 1303, 66-75	4.5	22
71	N-nitrosamine rejection by nanofiltration and reverse osmosis membranes: The importance of membrane characteristics. *Desalination*, **2013**, 316, 67-75	10.3	52
70	Effects of caustic cleaning on pore size of nanofiltration membranes and their rejection of trace organic chemicals. *Journal of Membrane Science*, **2013**, 447, 153-162	9.6	67
69	Occurrence of ectoparasiticides in Australian beef cattle feedlot wastes. *Environmental Pollution*, **2013**, 174, 265-72	9.3	8
68	Removal of N-nitrosamines by an aerobic membrane bioreactor. *Bioresource Technology*, **2013**, 141, 41-511		28
67	Boron as a surrogate for N-nitrosodimethylamine rejection by reverse osmosis membranes in potable water reuse applications. *Environmental Science & Technology*, **2013**, 47, 6425-30	10.3	16
66	Effects of membrane fouling on N-nitrosamine rejection by nanofiltration and reverse osmosis membranes. *Journal of Membrane Science*, **2013**, 427, 311-319	9.6	53

65	Removal of trace organic contaminants by the forward osmosis process. *Separation and Purification Technology*, **2013**, 103, 258-266	8.3	128
64	The use of multiple tracers for tracking wastewater discharges in freshwater systems. *Environmental Monitoring and Assessment*, **2013**, 185, 9321-32	3.1	15
63	Enantiomeric fraction determination of 2-arylpropionic acids in a package plant membrane bioreactor. *Chirality*, **2013**, 25, 301-7	2.1	16
62	Effects of salinity on the removal of trace organic contaminants by membrane bioreactor treatment for water reuse. *Desalination and Water Treatment*, **2013**, 51, 5164-5171		11
61	Performance of a novel osmotic membrane bioreactor (OMBR) system: flux stability and removal of trace organics. *Bioresource Technology*, **2012**, 113, 201-6	11	154
60	Comparison of reverse osmosis membrane fouling profiles from Australian water recycling plants. *Journal of Membrane Science*, **2012**, 407-408, 8-16	9.6	16
59	Effects of feed solution characteristics on the rejection of N-nitrosamines by reverse osmosis membranes. *Journal of Membrane Science*, **2012**, 409-410, 66-74	9.6	60
58	Determination of six sulfonamide antibiotics, two metabolites and trimethoprim in wastewater by isotope dilution liquid chromatography/tandem mass spectrometry. *Talanta*, **2012**, 89, 407-16	6.2	61
57	Analysis of N-nitrosamines in water by isotope dilution gas chromatography-electron ionisation tandem mass spectrometry. *Talanta*, **2012**, 99, 146-54	6.2	65
56	Water reuse: achievements and future challenges **2012**, 61, 461-462		
55	Determining key factors and challenges that affect the future of water reuse **2012**, 61, 518-528		1
54	N-nitrosamine removal by reverse osmosis for indirect potable water reuse □A critical review based on observations from laboratory-, pilot- and full-scale studies. *Separation and Purification Technology*, **2012**, 98, 503-515	8.3	106
53	Characterisation of reverse osmosis permeates from municipal recycled water systems using fluorescence spectroscopy: Implications for integrity monitoring. *Journal of Membrane Science*, **2012**, 421-422, 180-189	9.6	23
52	Effects of Feed Solution Characteristics and Membrane Fouling on N-Nitrosamine Rejection by Reverse Osmosis Membranes. *Procedia Engineering*, **2012**, 44, 1993-1995		
51	Removal of trace organic chemical contaminants by a membrane bioreactor. *Water Science and Technology*, **2012**, 66, 1856-63	2.2	77
50	Cross-connection detection in Australian dual reticulation systems by monitoring inherent fluorescent organic matter. *Environmental Technology Reviews*, **2012**, 1, 67-80	7.7	14
49	Removal of endocrine disrupting chemicals and microbial indicators by a decentralised membrane bioreactor for water reuse. *Journal of Water Reuse and Desalination*, **2012**, 2, 67-73	2.6	15
48	Organic matter fluorescence in municipal water recycling schemes: toward a unified PARAFAC model. *Environmental Science & Technology*, **2011**, 45, 2909-16	10.3	428

47	Removal of trace organics by MBR treatment: the role of molecular properties. *Water Research*, **2011**, 45, 2439-51	12.5	345
46	Enantiospecific fate of ibuprofen, ketoprofen and naproxen in a laboratory-scale membrane bioreactor. *Water Research*, **2011**, 45, 6249-58	12.5	42
45	Sorption of emerging trace organic compounds onto wastewater sludge solids. *Water Research*, **2011**, 45, 3417-26	12.5	179
44	A systematic approach to determine herbicide removals in constructed wetlands using time integrated passive samplers. *Journal of Water Reuse and Desalination*, **2011**, 1, 11-17	2.6	12
43	Evaluation of effluent organic matter fouling in ultrafiltration treatment using advanced organic characterisation techniques. *Journal of Membrane Science*, **2011**, 382, 50-59	9.6	115
42	Fate of trace organic compounds during treatment by nanofiltration. *Journal of Membrane Science*, **2011**, 373, 130-139	9.6	48
41	Is halogen content the most important factor in the removal of halogenated trace organics by MBR treatment?. *Bioresource Technology*, **2011**, 102, 6299-303	11	44
40	Simultaneous determination of estrogenic and androgenic hormones in water by isotope dilution gas chromatography-tandem mass spectrometry. *Journal of Chromatography A*, **2011**, 1218, 1668-76	4.5	34
39	Enantioselective analysis of ibuprofen, ketoprofen and naproxen in wastewater and environmental water samples. *Journal of Chromatography A*, **2011**, 1218, 4746-54	4.5	77
38	Are Sewage Treatment Plants Promoting Antibiotic Resistance?. *Critical Reviews in Environmental Science and Technology*, **2011**, 41, 243-270	11.1	36
37	Effect of fouling on removal of trace organic compounds by nanofiltration. *Drinking Water Engineering and Science*, **2011**, 4, 71-82	2	8
36	Effect of fouling on removal of trace organic compounds by nanofiltration **2011**,		1
35	Chemical monitoring strategy for the assessment of advanced water treatment plant performance. *Water Science and Technology*, **2011**, 63, 573-9	2.2	3
34	Chemical monitoring strategy for the assessment of advanced water treatment plant performance. *Water Science and Technology: Water Supply*, **2010**, 10, 961-968	1.4	3
33	Enantiomeric fraction as an indicator of pharmaceutical biotransformation during wastewater treatment and in the environment--a review. *Environmental Technology (United Kingdom)*, **2010**, 31, 1349-70	2.6	32
32	Quantifying human exposure to contaminants for multiple-barrier water reuse systems. *Water Science and Technology*, **2010**, 61, 77-83	2.2	14
31	Fate and levels of steroid oestrogens and androgens in waste stabilisation ponds: quantification by liquid chromatography-tandem mass spectrometry. *Water Science and Technology*, **2010**, 61, 677-84	2.2	11
30	Fluorescence monitoring for cross-connection detection in water reuse systems: Australian case studies. *Water Science and Technology*, **2010**, 61, 155-62	2.2	10

29	The application of membrane bioreactors as decentralised systems for removal of endocrine disrupting chemicals and pharmaceuticals. *Water Science and Technology*, **2010**, 61, 1081-8	2.2	21
28	Probabilistic analysis of fluorescence signals for monitoring dual reticulation water recycling schemes. *Water Science and Technology*, **2010**, 62, 2059-65	2.2	7
27	Fluorescence monitoring at a recycled water treatment plant and associated dual distribution system--implications for cross-connection detection. *Water Research*, **2010**, 44, 5323-33	12.5	58
26	Fate of antibiotics during municipal water recycling treatment processes. *Water Research*, **2010**, 44, 4295-323	12.5	505
25	Evaluation of QSPR Techniques for Wastewater Treatment Processes. *Proceedings of the Water Environment Federation*, **2010**, 2010, 4084-4096		3
24	Demonstrating ultra-filtration and reverse osmosis performance using size exclusion chromatography. *Water Science and Technology*, **2010**, 62, 2747-53	2.2	20
23	Combining MBR and NF/RO membrane filtration for the removal of trace organics in indirect potable water reuse applications. *Journal of Membrane Science*, **2010**, 365, 206-215	9.6	188
22	Effect of mixed liquor pH on the removal of trace organic contaminants in a membrane bioreactor. *Bioresource Technology*, **2010**, 101, 1494-500	11	119
21	Distinguishing Stage 1 and 2 reverse osmosis permeates using fluorescence spectroscopy. *Water Science and Technology*, **2009**, 60, 2017-23	2.2	10
20	Effects of membrane degradation on the removal of pharmaceutically active compounds (PhACs) by NF/RO filtration processes. *Journal of Membrane Science*, **2009**, 340, 16-25	9.6	109
19	Assessment of trace organic chemical removal by a membrane bioreactor using gas chromatography/mass spectrometry and a yeast screen bioassay. *Environmental Toxicology and Chemistry*, **2009**, 28, 2537-45	3.8	16
18	Fluorescence as a potential monitoring tool for recycled water systems: a review. *Water Research*, **2009**, 43, 863-81	12.5	674
17	Management of Concentrated Waste Streams from High-Pressure Membrane Water Treatment Systems. *Critical Reviews in Environmental Science and Technology*, **2009**, 39, 367-415	11.1	62
16	Characterising humic acid fouling of nanofiltration membranes using bisphenol A as a molecular indicator. *Water Research*, **2008**, 42, 4049-58	12.5	103
15	Chemical contaminants in feedlot wastes: concentrations, effects and attenuation. *Environment International*, **2008**, 34, 839-59	12.9	70
14	Fate and analysis of endocrine disrupting chemicals in some sewage treatment plants in Australia. *Water Science and Technology*, **2008**, 58, 2187-94	2.2	11
13	Key objectives for water reuse concepts. *Desalination*, **2008**, 218, 120-131	10.3	62
12	Characterisation of carbonyl byproducts of drinking water ozonation. *Water Science and Technology: Water Supply*, **2007**, 7, 95-100	1.4	1

11	Aqueous-phase aminolysis: approach for the analysis of epoxides in water. *Analytical Chemistry*, **2006**, 78, 2608-16	7.8	11
10	Human risk assessment of organic contaminants in reclaimed wastewater used for irrigation. *Desalination*, **2006**, 187, 53-64	10.3	74
9	Stakeholder communications for successful water reuse operations. *Desalination*, **2006**, 187, 191-202	10.3	37
8	The role of membrane processes in municipal wastewater reclamation and reuse. *Desalination*, **2005**, 178, 1-11	10.3	221
7	A performance comparison of individual and combined treatment modules for water recycling. *Environmental Progress*, **2005**, 24, 383-391		9
6	Predicting fate of the contraceptive pill in wastewater treatment and discharge. *Water Science and Technology*, **2005**, 52, 279-286	2.2	8
5	Removal of hormones and pharmaceuticals in the Advanced Water Recycling Demonstration Plant in Queensland, Australia. *Water Science and Technology*, **2004**, 50, 15-22	2.2	44
4	Drug Residuals: How Xenobiotics can Affect Water Supply Sources. *Journal - American Water Works Association*, **2004**, 96, 94-101	0.5	18
3	Modelling of pharmaceutical residues in Australian sewage by quantities of use and fugacity calculations. *Chemosphere*, **2004**, 54, 355-67	8.4	121
2	Estimation of pharmaceutical residues in primary and secondary sewage sludge based on quantities of use and fugacity modelling. *Water Science and Technology*, **2002**, 46, 105-113	2.2	63
1	Urban potable reuse: contrasting perspectives of water industry professionals and elected politicians in Sydney, Australia. *Water International*,1-19	2.4	0