

Stuart J Khan

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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	Fluorescence as a potential monitoring tool for recycled water systems: a review. <i>Water Research</i> , 2009 , 43, 863-81	12.5	674
171	Fate of antibiotics during municipal water recycling treatment processes. <i>Water Research</i> , 2010 , 44, 4295-33	12.5	505
170	Organic matter fluorescence in municipal water recycling schemes: toward a unified PARAFAC model. <i>Environmental Science & Technology</i> , 2011 , 45, 2909-16	10.3	428
169	Removal of trace organics by MBR treatment: the role of molecular properties. <i>Water Research</i> , 2011 , 45, 2439-51	12.5	345
168	The role of membrane processes in municipal wastewater reclamation and reuse. <i>Desalination</i> , 2005 , 178, 1-11	10.3	221
167	Combining MBR and NF/RO membrane filtration for the removal of trace organics in indirect potable water reuse applications. <i>Journal of Membrane Science</i> , 2010 , 365, 206-215	9.6	188
166	Sorption of emerging trace organic compounds onto wastewater sludge solids. <i>Water Research</i> , 2011 , 45, 3417-26	12.5	179
165	Performance of a novel osmotic membrane bioreactor (OMBR) system: flux stability and removal of trace organics. <i>Bioresource Technology</i> , 2012 , 113, 201-6	11	154
164	Removal of trace organic contaminants by the forward osmosis process. <i>Separation and Purification Technology</i> , 2013 , 103, 258-266	8.3	128
163	Removal of trace organics by anaerobic membrane bioreactors. <i>Water Research</i> , 2014 , 49, 103-12	12.5	123
162	Modelling of pharmaceutical residues in Australian sewage by quantities of use and fugacity calculations. <i>Chemosphere</i> , 2004 , 54, 355-67	8.4	121
161	Extreme weather events: Should drinking water quality management systems adapt to changing risk profiles?. <i>Water Research</i> , 2015 , 85, 124-36	12.5	119
160	Effect of mixed liquor pH on the removal of trace organic contaminants in a membrane bioreactor. <i>Bioresource Technology</i> , 2010 , 101, 1494-500	11	119
159	Evaluation of effluent organic matter fouling in ultrafiltration treatment using advanced organic characterisation techniques. <i>Journal of Membrane Science</i> , 2011 , 382, 50-59	9.6	115
158	Effects of membrane degradation on the removal of pharmaceutically active compounds (PhACs) by NF/RO filtration processes. <i>Journal of Membrane Science</i> , 2009 , 340, 16-25	9.6	109
157	N-nitrosamine removal by reverse osmosis for indirect potable water reuse [A critical review based on observations from laboratory-, pilot- and full-scale studies. <i>Separation and Purification Technology</i> , 2012 , 98, 503-515	8.3	106
156	Chemical contaminants in swimming pools: Occurrence, implications and control. <i>Environment International</i> , 2015 , 76, 16-31	12.9	105

155	Characterising humic acid fouling of nanofiltration membranes using bisphenol A as a molecular indicator. <i>Water Research</i> , 2008 , 42, 4049-58	12.5	103
154	Assessment of the application of bioanalytical tools as surrogate measure of chemical contaminants in recycled water. <i>Water Research</i> , 2014 , 49, 300-15	12.5	88
153	Lignin biogeochemistry: from modern processes to Quaternary archives. <i>Quaternary Science Reviews</i> , 2014 , 87, 46-59	3.9	86
152	Development of a predictive framework to assess the removal of trace organic chemicals by anaerobic membrane bioreactor. <i>Bioresource Technology</i> , 2015 , 189, 391-398	11	85
151	Assessment of wastewater and recycled water quality: a comparison of lines of evidence from in vitro, in vivo and chemical analyses. <i>Water Research</i> , 2014 , 50, 420-31	12.5	85
150	Trace organic solutes in closed-loop forward osmosis applications: influence of membrane fouling and modeling of solute build-up. <i>Water Research</i> , 2013 , 47, 5232-44	12.5	81
149	Removal of pharmaceuticals and endocrine disrupting chemicals by a submerged membrane photocatalysis reactor (MPR). <i>Separation and Purification Technology</i> , 2014 , 127, 131-139	8.3	80
148	Enantioselective analysis of ibuprofen, ketoprofen and naproxen in wastewater and environmental water samples. <i>Journal of Chromatography A</i> , 2011 , 1218, 4746-54	4.5	77
147	Removal of trace organic chemical contaminants by a membrane bioreactor. <i>Water Science and Technology</i> , 2012 , 66, 1856-63	2.2	77
146	Occurrence of trace organic contaminants in wastewater sludge and their removals by anaerobic digestion. <i>Bioresource Technology</i> , 2016 , 210, 153-9	11	74
145	Human risk assessment of organic contaminants in reclaimed wastewater used for irrigation. <i>Desalination</i> , 2006 , 187, 53-64	10.3	74
144	Applications of membrane bioreactors for water reclamation: Micropollutant removal, mechanisms and perspectives. <i>Bioresource Technology</i> , 2018 , 269, 532-543	11	71
143	Chemical contaminants in feedlot wastes: concentrations, effects and attenuation. <i>Environment International</i> , 2008 , 34, 839-59	12.9	70
142	Effects of caustic cleaning on pore size of nanofiltration membranes and their rejection of trace organic chemicals. <i>Journal of Membrane Science</i> , 2013 , 447, 153-162	9.6	67
141	Analysis of N-nitrosamines in water by isotope dilution gas chromatography-electron ionisation tandem mass spectrometry. <i>Talanta</i> , 2012 , 99, 146-54	6.2	65
140	Estimation of pharmaceutical residues in primary and secondary sewage sludge based on quantities of use and fugacity modelling. <i>Water Science and Technology</i> , 2002 , 46, 105-113	2.2	63
139	Management of Concentrated Waste Streams from High-Pressure Membrane Water Treatment Systems. <i>Critical Reviews in Environmental Science and Technology</i> , 2009 , 39, 367-415	11.1	62
138	Key objectives for water reuse concepts. <i>Desalination</i> , 2008 , 218, 120-131	10.3	62

137	Electrode dependent anaerobic ammonium oxidation in microbial fuel cell integrated hybrid constructed wetlands: A new process. <i>Science of the Total Environment</i> , 2020 , 698, 134248	10.2	62
136	An anaerobic membrane bioreactor - membrane distillation hybrid system for energy recovery and water reuse: Removal performance of organic carbon, nutrients, and trace organic contaminants. <i>Science of the Total Environment</i> , 2018 , 628-629, 358-365	10.2	61
135	Determination of six sulfonamide antibiotics, two metabolites and trimethoprim in wastewater by isotope dilution liquid chromatography/tandem mass spectrometry. <i>Talanta</i> , 2012 , 89, 407-16	6.2	61
134	Effects of feed solution characteristics on the rejection of N-nitrosamines by reverse osmosis membranes. <i>Journal of Membrane Science</i> , 2012 , 409-410, 66-74	9.6	60
133	Effects of salinity build-up on the performance of an anaerobic membrane bioreactor regarding basic water quality parameters and removal of trace organic contaminants. <i>Bioresource Technology</i> , 2016 , 216, 399-405	11	59
132	Seasonal variations in fate and removal of trace organic chemical contaminants while operating a full-scale membrane bioreactor. <i>Science of the Total Environment</i> , 2016 , 550, 176-183	10.2	59
131	Nanofiltration of trace organic chemicals: A comparison between ceramic and polymeric membranes. <i>Separation and Purification Technology</i> , 2014 , 136, 258-264	8.3	59
130	Fluorescence monitoring at a recycled water treatment plant and associated dual distribution system--implications for cross-connection detection. <i>Water Research</i> , 2010 , 44, 5323-33	12.5	58
129	An assessment of endocrine activity in Australian rivers using chemical and in vitro analyses. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 12951-67	5.1	55
128	Disinfectant residual stability leading to disinfectant decay and by-product formation in drinking water distribution systems: A systematic review. <i>Water Research</i> , 2019 , 153, 335-348	12.5	53
127	Effects of membrane fouling on N-nitrosamine rejection by nanofiltration and reverse osmosis membranes. <i>Journal of Membrane Science</i> , 2013 , 427, 311-319	9.6	53
126	N-nitrosamine rejection by nanofiltration and reverse osmosis membranes: The importance of membrane characteristics. <i>Desalination</i> , 2013 , 316, 67-75	10.3	52
125	A national survey of trace organic contaminants in Australian rivers. <i>Journal of Environmental Quality</i> , 2014 , 43, 1702-12	3.4	49
124	Fate of trace organic compounds during treatment by nanofiltration. <i>Journal of Membrane Science</i> , 2011 , 373, 130-139	9.6	48
123	N-nitrosamine rejection by reverse osmosis membranes: a full-scale study. <i>Water Research</i> , 2013 , 47, 6141-8	12.5	46
122	Nutrient and trace organic contaminant removal from wastewater of a resort town: Comparison between a pilot and a full scale membrane bioreactor. <i>International Biodeterioration and Biodegradation</i> , 2015 , 102, 40-48	4.8	45
121	Is halogen content the most important factor in the removal of halogenated trace organics by MBR treatment?. <i>Bioresource Technology</i> , 2011 , 102, 6299-303	11	44
120	Removal of hormones and pharmaceuticals in the Advanced Water Recycling Demonstration Plant in Queensland, Australia. <i>Water Science and Technology</i> , 2004 , 50, 15-22	2.2	44

119	Enantiospecific fate of ibuprofen, ketoprofen and naproxen in a laboratory-scale membrane bioreactor. <i>Water Research</i> , 2011 , 45, 6249-58	12.5	42
118	The fate of trace organic contaminants during anaerobic digestion of primary sludge: A pilot scale study. <i>Bioresource Technology</i> , 2018 , 256, 384-390	11	41
117	Rejection of small and uncharged chemicals of emerging concern by reverse osmosis membranes: The role of free volume space within the active skin layer. <i>Separation and Purification Technology</i> , 2013 , 116, 426-432	8.3	39
116	Stakeholder communications for successful water reuse operations. <i>Desalination</i> , 2006 , 187, 191-202	10.3	37
115	Are Sewage Treatment Plants Promoting Antibiotic Resistance?. <i>Critical Reviews in Environmental Science and Technology</i> , 2011 , 41, 243-270	11.1	36
114	Minimizing errors in RT-PCR detection and quantification of SARS-CoV-2 RNA for wastewater surveillance. <i>Science of the Total Environment</i> , 2022 , 805, 149877	10.2	36
113	Distinct enantiomeric signals of ibuprofen and naproxen in treated wastewater and sewer overflow. <i>Chirality</i> , 2014 , 26, 739-46	2.1	35
112	Simultaneous determination of estrogenic and androgenic hormones in water by isotope dilution gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011 , 1218, 1668-76	4.5	34
111	Effects of sulphur on the performance of an anaerobic membrane bioreactor: Biological stability, trace organic contaminant removal, and membrane fouling. <i>Bioresource Technology</i> , 2018 , 250, 171-177	11	34
110	Enantiomeric fraction as an indicator of pharmaceutical biotransformation during wastewater treatment and in the environment—a review. <i>Environmental Technology (United Kingdom)</i> , 2010 , 31, 1349-70	2.6	32
109	Assessing burden of disease as disability adjusted life years in life cycle assessment. <i>Science of the Total Environment</i> , 2015 , 530-531, 120-128	10.2	31
108	Validation of a full-scale membrane bioreactor and the impact of membrane cleaning on the removal of microbial indicators. <i>Bioresource Technology</i> , 2014 , 155, 432-7	11	31
107	Removal of N-nitrosamines by an aerobic membrane bioreactor. <i>Bioresource Technology</i> , 2013 , 141, 41-51	11	28
106	Rejection of trace organic chemicals by a hollow fibre cellulose triacetate reverse osmosis membrane. <i>Desalination</i> , 2015 , 368, 69-75	10.3	28
105	Effects of thermal pre-treatment and recuperative thickening on the fate of trace organic contaminants during anaerobic digestion of sewage sludge. <i>International Biodeterioration and Biodegradation</i> , 2017 , 124, 146-154	4.8	24
104	Contrasting distributions of glycerol dialkyl glycerol tetraethers (GDGTs) in speleothems and associated soils. <i>Organic Geochemistry</i> , 2014 , 69, 1-10	3.1	24
103	New insights into the relationship between draw solution chemistry and trace organic rejection by forward osmosis. <i>Journal of Membrane Science</i> , 2019 , 587, 117184	9.6	23
102	Characterisation of reverse osmosis permeates from municipal recycled water systems using fluorescence spectroscopy: Implications for integrity monitoring. <i>Journal of Membrane Science</i> , 2012 , 421-422, 180-189	9.6	23

101	Global and local health burden trade-off through the hybridisation of quantitative microbial risk assessment and life cycle assessment to aid water management. <i>Water Research</i> , 2015 , 79, 26-38	12.5	22
100	N-nitrosamine rejection by reverse osmosis: Effects of membrane exposure to chemical cleaning reagents. <i>Desalination</i> , 2014 , 343, 60-66	10.3	22
99	Enantiomeric analysis of polycyclic musks in water by chiral gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013 , 1303, 66-75	4.5	22
98	Online fluorescence monitoring of RO fouling and integrity: analysis of two contrasting recycled water schemes. <i>Environmental Science: Water Research and Technology</i> , 2015 , 1, 689-698	4.2	21
97	The application of membrane bioreactors as decentralised systems for removal of endocrine disrupting chemicals and pharmaceuticals. <i>Water Science and Technology</i> , 2010 , 61, 1081-8	2.2	21
96	Towards More Holistic Environmental Impact Assessment: Hybridisation of Life Cycle Assessment and Quantitative Risk Assessment. <i>Procedia CIRP</i> , 2015 , 29, 378-383	1.8	20
95	Potable reuse: Experiences in Australia. <i>Current Opinion in Environmental Science and Health</i> , 2018 , 2, 55-60	8.1	20
94	Occurrence and daily variability of pharmaceuticals and personal care products in swimming pools. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 6972-81	5.1	20
93	Demonstrating ultra-filtration and reverse osmosis performance using size exclusion chromatography. <i>Water Science and Technology</i> , 2010 , 62, 2747-53	2.2	20
92	Enhanced chromium(VI) treatment in electroactive constructed wetlands: Influence of conductive material. <i>Journal of Hazardous Materials</i> , 2020 , 387, 121722	12.8	19
91	A flexible framework for assessing the sustainability of alternative water supply options. <i>Science of the Total Environment</i> , 2019 , 671, 1257-1268	10.2	18
90	Rejection of trace organic chemicals by a nanofiltration membrane: the role of molecular properties and effects of caustic cleaning. <i>Environmental Science: Water Research and Technology</i> , 2015 , 1, 846-854	4.2	18
89	Modelling the rejection of N-nitrosamines by a spiral-wound reverse osmosis system: Mathematical model development and validation. <i>Journal of Membrane Science</i> , 2014 , 454, 212-219	9.6	18
88	Rejection of small solutes by reverse osmosis membranes for water reuse applications: A pilot-scale study. <i>Desalination</i> , 2014 , 350, 28-34	10.3	18
87	Contemporary design, operation, and monitoring of potable reuse systems. <i>Journal of Water Reuse and Desalination</i> , 2015 , 5, 1-7	2.6	18
86	Drug Residuals: How Xenobiotics can Affect Water Supply Sources. <i>Journal - American Water Works Association</i> , 2004 , 96, 94-101	0.5	18
85	Bayesian belief network modelling of chlorine disinfection for human pathogenic viruses in municipal wastewater. <i>Water Research</i> , 2017 , 109, 144-154	12.5	17
84	Managing produced water from coal seam gas projects: implications for an emerging industry in Australia. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 10981-1000	5.1	17

83	The fate of trace organic contaminants in sewage sludge during recuperative thickening anaerobic digestion. <i>Bioresource Technology</i> , 2017 , 240, 197-206	11	16
82	Impact of hazardous events on the removal of nutrients and trace organic contaminants by an anoxic-aerobic membrane bioreactor receiving real wastewater. <i>Bioresource Technology</i> , 2015 , 192, 192-201	11	16
81	Formation of algal-derived nitrogenous disinfection by-products during chlorination and chloramination. <i>Water Research</i> , 2020 , 183, 116047	12.5	16
80	Comparison of reverse osmosis membrane fouling profiles from Australian water recycling plants. <i>Journal of Membrane Science</i> , 2012 , 407-408, 8-16	9.6	16
79	Boron as a surrogate for N-nitrosodimethylamine rejection by reverse osmosis membranes in potable water reuse applications. <i>Environmental Science & Technology</i> , 2013 , 47, 6425-30	10.3	16
78	Enantiomeric fraction determination of 2-arylpropionic acids in a package plant membrane bioreactor. <i>Chirality</i> , 2013 , 25, 301-7	2.1	16
77	Assessment of trace organic chemical removal by a membrane bioreactor using gas chromatography/mass spectrometry and a yeast screen bioassay. <i>Environmental Toxicology and Chemistry</i> , 2009 , 28, 2537-45	3.8	16
76	Occurrence and bioconcentration of micropollutants in Silver Perch (<i>Bidyanus bidyanus</i>) in a reclaimed water reservoir. <i>Science of the Total Environment</i> , 2019 , 650, 585-593	10.2	16
75	Fate of trace organic contaminants in oxic-settling-anoxic (OSA) process applied for biosolids reduction during wastewater treatment. <i>Bioresource Technology</i> , 2017 , 240, 181-191	11	15
74	Estimating human toxicity potential of land application of sewage sludge: the effect of modelling choices. <i>International Journal of Life Cycle Assessment</i> , 2017 , 22, 731-743	4.6	15
73	Analysis of organophosphate flame retardants and plasticisers in water by isotope dilution gas chromatography-electron ionisation tandem mass spectrometry. <i>Talanta</i> , 2015 , 143, 114-120	6.2	15
72	Biological performance and trace organic contaminant removal by a side-stream ceramic nanofiltration membrane bioreactor. <i>International Biodeterioration and Biodegradation</i> , 2016 , 113, 49-56 ^{4.8}	4.8	15
71	Continuous transformation of chiral pharmaceuticals in enzymatic membrane bioreactors for advanced wastewater treatment. <i>Water Science and Technology</i> , 2017 , 76, 1816-1826	2.2	15
70	The use of multiple tracers for tracking wastewater discharges in freshwater systems. <i>Environmental Monitoring and Assessment</i> , 2013 , 185, 9321-32	3.1	15
69	Removal of endocrine disrupting chemicals and microbial indicators by a decentralised membrane bioreactor for water reuse. <i>Journal of Water Reuse and Desalination</i> , 2012 , 2, 67-73	2.6	15
68	Managing water quality impacts from drought on drinking water supplies 2014 , 63, 179-188		14
67	Quantifying human exposure to contaminants for multiple-barrier water reuse systems. <i>Water Science and Technology</i> , 2010 , 61, 77-83	2.2	14
66	Cross-connection detection in Australian dual reticulation systems by monitoring inherent fluorescent organic matter. <i>Environmental Technology Reviews</i> , 2012 , 1, 67-80	7.7	14

65	Modelling pathogen log ₁₀ reduction values achieved by activated sludge treatment using naïve and semi naïve Bayes network models. <i>Water Research</i> , 2015 , 85, 304-15	12.5	13
64	Histopathology, vitellogenin and chemical body burden in mosquitofish (<i>Gambusia holbrooki</i>) sampled from six river sites receiving a gradient of stressors. <i>Science of the Total Environment</i> , 2018 , 616-617, 1638-1648	10.2	13
63	Virus removal by ultrafiltration: Understanding long-term performance change by application of Bayesian analysis. <i>Water Research</i> , 2017 , 122, 269-279	12.5	13
62	Removal of polycyclic musks by anaerobic membrane bioreactor: biodegradation, biosorption, and enantioselectivity. <i>Chemosphere</i> , 2014 , 117, 722-9	8.4	13
61	Biocatalytic metal-organic framework nanomotors for active water decontamination. <i>Chemical Communications</i> , 2020 , 56, 14837-14840	5.8	13
60	Presence and select determinants of organophosphate flame retardants in public swimming pools. <i>Science of the Total Environment</i> , 2016 , 569-570, 469-475	10.2	13
59	Hazardous events in membrane bioreactors [Part 3: Impacts on microorganism log removal efficiencies. <i>Journal of Membrane Science</i> , 2016 , 497, 514-523	9.6	12
58	Evaluating the enantiospecific differences of non-steroidal anti-inflammatory drugs (NSAIDs) using an ecotoxicity bioassay test battery. <i>Science of the Total Environment</i> , 2019 , 694, 133659	10.2	12
57	Robust evaluation of performance monitoring options for ozone disinfection in water recycling using Bayesian analysis. <i>Water Research</i> , 2017 , 124, 605-617	12.5	12
56	A systematic approach to determine herbicide removals in constructed wetlands using time integrated passive samplers. <i>Journal of Water Reuse and Desalination</i> , 2011 , 1, 11-17	2.6	12
55	Lessons and guidance for the management of safe drinking water during extreme weather events. <i>Environmental Science: Water Research and Technology</i> , 2017 , 3, 262-277	4.2	11
54	An evaluation of measurement techniques for algal-derived organic nitrogen. <i>Water Research</i> , 2019 , 165, 114998	12.5	11
53	Effects of salinity on the removal of trace organic contaminants by membrane bioreactor treatment for water reuse. <i>Desalination and Water Treatment</i> , 2013 , 51, 5164-5171		11
52	Fate and levels of steroid oestrogens and androgens in waste stabilisation ponds: quantification by liquid chromatography-tandem mass spectrometry. <i>Water Science and Technology</i> , 2010 , 61, 677-84	2.2	11
51	Fate and analysis of endocrine disrupting chemicals in some sewage treatment plants in Australia. <i>Water Science and Technology</i> , 2008 , 58, 2187-94	2.2	11
50	Aqueous-phase aminolysis: approach for the analysis of epoxides in water. <i>Analytical Chemistry</i> , 2006 , 78, 2608-16	7.8	11
49	Removal of organic matter from wastewater reverse osmosis concentrate using granular activated carbon and anion exchange resin adsorbent columns in sequence. <i>Chemosphere</i> , 2020 , 261, 127549	8.4	11
48	Influence of applied potential on treatment performance and clogging behaviour of hybrid constructed wetland-microbial electrochemical technologies. <i>Chemosphere</i> , 2021 , 284, 131296	8.4	11

47	Ozonation of N-Nitrosamines in the Reverse Osmosis Concentrate from Water Recycling Applications. <i>Ozone: Science and Engineering</i> , 2014 , 36, 174-180	2.4	10
46	Fluorescence monitoring for cross-connection detection in water reuse systems: Australian case studies. <i>Water Science and Technology</i> , 2010 , 61, 155-62	2.2	10
45	Distinguishing Stage 1 and 2 reverse osmosis permeates using fluorescence spectroscopy. <i>Water Science and Technology</i> , 2009 , 60, 2017-23	2.2	10
44	Scientists' warning on extreme wildfire risks to water supply. <i>Hydrological Processes</i> , 2021 , 35, e14086	3.3	10
43	Hypothetical scenario exercises to improve planning and readiness for drinking water quality management during extreme weather events. <i>Water Research</i> , 2017 , 111, 100-108	12.5	9
42	Validating the rejection of trace organic chemicals by reverse osmosis membranes using a pilot-scale system. <i>Desalination</i> , 2015 , 358, 18-26	10.3	9
41	A performance comparison of individual and combined treatment modules for water recycling. <i>Environmental Progress</i> , 2005 , 24, 383-391		9
40	Enhanced nanofiltration rejection of inorganic and organic compounds from a wastewater-reclamation plant micro-filtered water using adsorption pre-treatment. <i>Separation and Purification Technology</i> , 2021 , 260, 118207	8.3	9
39	Role of wastewater treatment in COVID-19 control. <i>Water Quality Research Journal of Canada</i> , 2021 , 56, 68-82	1.7	9
38	Hazardous events in membrane bioreactors [Part 1: Impacts on key operational and bulk water quality parameters. <i>Journal of Membrane Science</i> , 2016 , 497, 494-503	9.6	8
37	Hazardous events in membrane bioreactors [Part 2: Impacts on removal of trace organic chemical contaminants. <i>Journal of Membrane Science</i> , 2016 , 497, 504-513	9.6	8
36	An irrigation experiment to compare soil, water and speleothem tetraether membrane lipid distributions. <i>Organic Geochemistry</i> , 2016 , 94, 12-20	3.1	8
35	Removal of heavy metals from industrial wastewaters using amine-functionalized nanoporous carbon as a novel sorbent. <i>Mikrochimica Acta</i> , 2013 , 180, 227-233	5.8	8
34	Occurrence of ectoparasiticides in Australian beef cattle feedlot wastes. <i>Environmental Pollution</i> , 2013 , 174, 265-72	9.3	8
33	Effect of fouling on removal of trace organic compounds by nanofiltration. <i>Drinking Water Engineering and Science</i> , 2011 , 4, 71-82	2	8
32	Predicting fate of the contraceptive pill in wastewater treatment and discharge. <i>Water Science and Technology</i> , 2005 , 52, 279-286	2.2	8
31	Probabilistic analysis of fluorescence signals for monitoring dual reticulation water recycling schemes. <i>Water Science and Technology</i> , 2010 , 62, 2059-65	2.2	7
30	Fugacity modelling of the fate of micropollutants in aqueous systems - Uncertainty and sensitivity issues. <i>Science of the Total Environment</i> , 2020 , 699, 134249	10.2	7

29	Glycerol dialkyl glycerol tetraethers (GDGT) distributions from soil to cave: Refining the speleothem paleothermometer. <i>Organic Geochemistry</i> , 2019 , 136, 103890	3.1	6
28	Enantioselective analysis and fate of polycyclic musks in a water recycling plant in Sydney (Australia). <i>Water Science and Technology</i> , 2014 , 69, 1996-2003	2.2	6
27	Potable reuse: Which chemicals to be concerned about. <i>Current Opinion in Environmental Science and Health</i> , 2019 , 7, 76-82	8.1	6
26	Surface modification of nanofiltration membranes to improve the removal of organic micropollutants: Linking membrane characteristics to solute transmission. <i>Water Research</i> , 2021 , 203, 117520	12.5	6
25	Biologically Mediated Chiral Inversion of Emerging Contaminants 2014 , 261-280		4
24	A multivariate Bayesian network analysis of water quality factors influencing trihalomethanes formation in drinking water distribution systems. <i>Water Research</i> , 2021 , 190, 116712	12.5	4
23	Application of a QWASI model to produce validated insights into the fate and transport of six emerging contaminants in a wastewater lagoon system. <i>Science of the Total Environment</i> , 2020 , 721, 137676	10.2	3
22	Aggregating local, regional and global burden of disease impact assessment: detecting potential problem shifting in air quality policy making. <i>International Journal of Life Cycle Assessment</i> , 2017 , 22, 1543-1557	4.6	3
21	Application of portable fluorescence spectrophotometry for integrity testing of recycled water dual distribution systems. <i>Applied Spectroscopy</i> , 2015 , 69, 124-9	3.1	3
20	Chemical monitoring strategy for the assessment of advanced water treatment plant performance. <i>Water Science and Technology: Water Supply</i> , 2010 , 10, 961-968	1.4	3
19	Chemical monitoring strategy for the assessment of advanced water treatment plant performance. <i>Water Science and Technology</i> , 2011 , 63, 573-9	2.2	3
18	Evaluation of QSPR Techniques for Wastewater Treatment Processes. <i>Proceedings of the Water Environment Federation</i> , 2010 , 2010, 4084-4096		3
17	Scenarios for urban water management futures: A systematic review.. <i>Water Research</i> , 2022 , 211, 118079	2.5	3
16	Late Holocene climate anomaly concurrent with fire activity and ecosystem shifts in the eastern Australian Highlands. <i>Science of the Total Environment</i> , 2022 , 802, 149542	10.2	3
15	One planet: one health. A call to support the initiative on a global science-policy body on chemicals and waste.. <i>Environmental Sciences Europe</i> , 2022 , 34, 21	5	2
14	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.. <i>Science of the Total Environment</i> , 2022 , 154324	10.2	2
13	Determining key factors and challenges that affect the future of water reuse 2012 , 61, 518-528		1
12	Effect of fouling on removal of trace organic compounds by nanofiltration 2011 ,		1

11	Characterisation of carbonyl byproducts of drinking water ozonation. <i>Water Science and Technology: Water Supply</i> , 2007 , 7, 95-100	1.4	1
10	Deriving safe short-term chemical exposure values (STEV) for drinking water. <i>Regulatory Toxicology and Pharmacology</i> , 2020 , 110, 104545	3.4	1
9	Ecological consequences of Australian "Black Summer" (2019-20) fires: A synthesis of Australian Commonwealth Government report findings. <i>Integrated Environmental Assessment and Management</i> , 2021 , 17, 1136-1140	2.5	1
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