

# Stuart J Khan

## List of Publications by Year in descending order

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179  
papers

9,824  
citations

36303

51  
h-index

42399

92  
g-index

186  
all docs

186  
docs citations

186  
times ranked

9207  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescence as a potential monitoring tool for recycled water systems: A review. <i>Water Research</i> , 2009, 43, 863-881.	11.3	800
2	Fate of antibiotics during municipal water recycling treatment processes. <i>Water Research</i> , 2010, 44, 4295-4323.	11.3	613
3	Organic Matter Fluorescence in Municipal Water Recycling Schemes: Toward a Unified PARAFAC Model. <i>Environmental Science &amp; Technology</i> , 2011, 45, 2909-2916.	10.0	597
4	Removal of trace organics by MBR treatment: The role of molecular properties. <i>Water Research</i> , 2011, 45, 2439-2451.	11.3	402
5	The role of membrane processes in municipal wastewater reclamation and reuse. <i>Desalination</i> , 2005, 178, 1-11.	8.2	259
6	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.	8.2	212
7	Sorption of emerging trace organic compounds onto wastewater sludge solids. <i>Water Research</i> , 2011, 45, 3417-3426.	11.3	203
8	Extreme weather events: Should drinking water quality management systems adapt to changing risk profiles?. <i>Water Research</i> , 2015, 85, 124-136.	11.3	170
9	Performance of a novel osmotic membrane bioreactor (OMBR) system: Flux stability and removal of trace organics. <i>Bioresource Technology</i> , 2012, 113, 201-206.	9.6	164
10	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.	8.0	153
11	Removal of trace organics by anaerobic membrane bioreactors. <i>Water Research</i> , 2014, 49, 103-112.	11.3	147
12	Removal of trace organic contaminants by the forward osmosis process. <i>Separation and Purification Technology</i> , 2013, 103, 258-266.	7.9	144
13	Modelling of pharmaceutical residues in Australian sewage by quantities of use and fugacity calculations. <i>Chemosphere</i> , 2004, 54, 355-367.	8.2	140
14	Effect of mixed liquor pH on the removal of trace organic contaminants in a membrane bioreactor. <i>Bioresource Technology</i> , 2010, 101, 1494-1500.	9.6	135
15	Evaluation of effluent organic matter fouling in ultrafiltration treatment using advanced organic characterisation techniques. <i>Journal of Membrane Science</i> , 2011, 382, 50-59.	8.2	133
16	Chemical contaminants in swimming pools: Occurrence, implications and control. <i>Environment International</i> , 2015, 76, 16-31.	10.0	128
17	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.	8.2	125
18	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.	7.9	118

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19	Characterising humic acid fouling of nanofiltration membranes using bisphenol A as a molecular indicator. <i>Water Research</i> , 2008, 42, 4049-4058.	11.3	116
20	Lignin biogeochemistry: from modern processes to Quaternary archives. <i>Quaternary Science Reviews</i> , 2014, 87, 46-59.	3.0	110
21	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.	9.6	107
22	Assessment of the application of bioanalytical tools as surrogate measure of chemical contaminants in recycled water. <i>Water Research</i> , 2014, 49, 300-315.	11.3	105
23	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.	8.0	105
24	Assessment of wastewater and recycled water quality: A comparison of lines of evidence from inÂvitro, inÂvivo and chemical analyses. <i>Water Research</i> , 2014, 50, 420-431.	11.3	97
25	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.	11.3	95
26	Occurrence of trace organic contaminants in wastewater sludge and their removals by anaerobic digestion. <i>Bioresource Technology</i> , 2016, 210, 153-159.	9.6	94
27	Applications of membrane bioreactors for water reclamation: Micropollutant removal, mechanisms and perspectives. <i>Bioresource Technology</i> , 2018, 269, 532-543.	9.6	94
28	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, 5232-5244.	11.3	93
29	Removal of pharmaceuticals and endocrine disrupting chemicals by a submerged membrane photocatalysis reactor (MPR). <i>Separation and Purification Technology</i> , 2014, 127, 131-139.	7.9	93
30	An anaerobic membrane bioreactor â€“ 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.	8.0	92
31	Removal of trace organic chemical contaminants by a membrane bioreactor. <i>Water Science and Technology</i> , 2012, 66, 1856-1863.	2.5	84
32	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.	9.6	83
33	Enantioselective analysis of ibuprofen, ketoprofen and naproxen in wastewater and environmental water samples. <i>Journal of Chromatography A</i> , 2011, 1218, 4746-4754.	3.7	82
34	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.	8.2	82
35	Chemical contaminants in feedlot wastes: Concentrations, effects and attenuation. <i>Environment International</i> , 2008, 34, 839-859.	10.0	81
36	Human risk assessment of organic contaminants in reclaimed wastewater used for irrigation. <i>Desalination</i> , 2006, 187, 53-64.	8.2	80

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37	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.	12.8	76
38	Key objectives for water reuse concepts. <i>Desalination</i> , 2008, 218, 120-131.	8.2	75
39	Nanofiltration of trace organic chemicals: A comparison between ceramic and polymeric membranes. <i>Separation and Purification Technology</i> , 2014, 136, 258-264.	7.9	74
40	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.	2.5	72
41	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.	8.0	72
42	Analysis of N-nitrosamines in water by isotope dilution gas chromatography-electron ionisation tandem mass spectrometry. <i>Talanta</i> , 2012, 99, 146-154.	5.5	70
43	Fluorescence monitoring at a recycled water treatment plant and associated dual distribution system - Implications for cross-connection detection. <i>Water Research</i> , 2010, 44, 5323-5333.	11.3	67
44	Determination of six sulfonamide antibiotics, two metabolites and trimethoprim in wastewater by isotope dilution liquid chromatography/tandem mass spectrometry. <i>Talanta</i> , 2012, 89, 407-416.	5.5	67
45	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.	8.2	65
46	An assessment of endocrine activity in Australian rivers using chemical and in vitro analyses. <i>Environmental Science and Pollution Research</i> , 2014, 21, 12951-12967.	5.3	62
47	N-nitrosamine rejection by nanofiltration and reverse osmosis membranes: The importance of membrane characteristics. <i>Desalination</i> , 2013, 316, 67-75.	8.2	61
48	A National Survey of Trace Organic Contaminants in Australian Rivers. <i>Journal of Environmental Quality</i> , 2014, 43, 1702-1712.	2.0	60
49	Effects of membrane fouling on N-nitrosamine rejection by nanofiltration and reverse osmosis membranes. <i>Journal of Membrane Science</i> , 2013, 427, 311-319.	8.2	59
50	The fate of trace organic contaminants during anaerobic digestion of primary sludge: A pilot scale study. <i>Bioresource Technology</i> , 2018, 256, 384-390.	9.6	55
51	N-nitrosamine rejection by reverse osmosis membranes: A full-scale study. <i>Water Research</i> , 2013, 47, 6141-6148.	11.3	53
52	Fate of trace organic compounds during treatment by nanofiltration. <i>Journal of Membrane Science</i> , 2011, 373, 130-139.	8.2	52
53	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.	2.5	51
54	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.	3.9	51

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55	Scientists' warning on extreme wildfire risks to water supply. <i>Hydrological Processes</i> , 2021, 35, e14086.	2.6	51
56	An Outdoor Aging Study to Investigate the Release of Per- And Polyfluoroalkyl Substances (PFAS) from Functional Textiles. <i>Environmental Science &amp; Technology</i> , 2022, 56, 3471-3479.	10.0	51
57	Is halogen content the most important factor in the removal of halogenated trace organics by MBR treatment?. <i>Bioresource Technology</i> , 2011, 102, 6299-6303.	9.6	47
58	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.	9.6	47
59	Enantiospecific fate of ibuprofen, ketoprofen and naproxen in a laboratory-scale membrane bioreactor. <i>Water Research</i> , 2011, 45, 6249-6258.	11.3	45
60	Are Sewage Treatment Plants Promoting Antibiotic Resistance?. <i>Critical Reviews in Environmental Science and Technology</i> , 2011, 41, 243-270.	12.8	45
61	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.	7.9	44
62	Stakeholder communications for successful water reuse operations. <i>Desalination</i> , 2006, 187, 191-202.	8.2	42
63	Distinct Enantiomeric Signals of Ibuprofen and Naproxen in Treated Wastewater and Sewer Overflow. <i>Chirality</i> , 2014, 26, 739-746.	2.6	42
64	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.	11.3	40
65	One planet: one health. A call to support the initiative on a global scienceâ€“policy body on chemicals and waste. <i>Environmental Sciences Europe</i> , 2022, 34, 21.	5.5	39
66	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.	8.0	38
67	Rejection of trace organic chemicals by a hollow fibre cellulose triacetate reverse osmosis membrane. <i>Desalination</i> , 2015, 368, 69-75.	8.2	37
68	Simultaneous determination of estrogenic and androgenic hormones in water by isotope dilution gas chromatographyâ€“tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 1668-1676.	3.7	36
69	Removal of N-nitrosamines by an aerobic membrane bioreactor. <i>Bioresource Technology</i> , 2013, 141, 41-45.	9.6	36
70	Enantiomeric fraction as an indicator of pharmaceutical biotransformation during wastewater treatment and in the environment â€“ a review. <i>Environmental Technology (United Kingdom)</i> , 2010, 31, 1349-1370.	2.2	35
71	Enhanced chromium(VI) treatment in electroactive constructed wetlands: Influence of conductive material. <i>Journal of Hazardous Materials</i> , 2020, 387, 121722.	12.4	35
72	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, 432-437.	9.6	34

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73	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.	8.2	34
74	Biocatalytic metal-organic framework nanomotors for active water decontamination. <i>Chemical Communications</i> , 2020, 56, 14837-14840.	4.1	34
75	Formation of algal-derived nitrogenous disinfection by-products during chlorination and chloramination. <i>Water Research</i> , 2020, 183, 116047.	11.3	34
76	Influence of applied potential on treatment performance and clogging behaviour of hybrid constructed wetland-microbial electrochemical technologies. <i>Chemosphere</i> , 2021, 284, 131296.	8.2	34
77	Occurrence and daily variability of pharmaceuticals and personal care products in swimming pools. <i>Environmental Science and Pollution Research</i> , 2016, 23, 6972-6981.	5.3	30
78	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.	3.9	30
79	Potable reuse: Experiences in Australia. <i>Current Opinion in Environmental Science and Health</i> , 2018, 2, 55-60.	4.1	30
80	Contrasting distributions of glycerol dialkyl glycerol tetraethers (GDGTs) in speleothems and associated soils. <i>Organic Geochemistry</i> , 2014, 69, 1-10.	1.8	29
81	Towards More Holistic Environmental Impact Assessment: Hybridisation of Life Cycle Assessment and Quantitative Risk Assessment. <i>Procedia CIRP</i> , 2015, 29, 378-383.	1.9	29
82	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.	8.2	27
83	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.	11.3	27
84	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.	8.2	27
85	Drug Residuals: How Xenobiotics can Affect Water Supply Sources. <i>Journal - American Water Works Association</i> , 2004, 96, 94-101.	0.3	25
86	Managing water quality impacts from drought on drinking water supplies. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2014, 63, 179-188.	1.4	25
87	N-nitrosamine rejection by reverse osmosis: Effects of membrane exposure to chemical cleaning reagents. <i>Desalination</i> , 2014, 343, 60-66.	8.2	25
88	A flexible framework for assessing the sustainability of alternative water supply options. <i>Science of the Total Environment</i> , 2019, 671, 1257-1268.	8.0	25
89	Enhanced nanofiltration rejection of inorganic and organic compounds from a wastewater-reclamation plant's micro-filtered water using adsorption pre-treatment. <i>Separation and Purification Technology</i> , 2021, 260, 118207.	7.9	25
90	Demonstrating ultra-filtration and reverse osmosis performance using size exclusion chromatography. <i>Water Science and Technology</i> , 2010, 62, 2747-2753.	2.5	24

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91	Enantiomeric analysis of polycyclic musks in water by chiral gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1303, 66-75.	3.7	24
92	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.	2.4	23
93	Modelling pathogen log10 reduction values achieved by activated sludge treatment using naïve and semi naïve Bayes network models. <i>Water Research</i> , 2015, 85, 304-315.	11.3	23
94	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.	3.9	23
95	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.	4.7	23
96	A multivariate Bayesian network analysis of water quality factors influencing trihalomethanes formation in drinking water distribution systems. <i>Water Research</i> , 2021, 190, 116712.	11.3	23
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, 1081-1088.	2.5	22
98	Rejection of small solutes by reverse osmosis membranes for water reuse applications: A pilot-scale study. <i>Desalination</i> , 2014, 350, 28-34.	8.2	22
99	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.	5.5	22
100	Bayesian belief network modelling of chlorine disinfection for human pathogenic viruses in municipal wastewater. <i>Water Research</i> , 2017, 109, 144-154.	11.3	22
101	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.	8.0	22
102	Contemporary design, operation, and monitoring of potable reuse systems. <i>Journal of Water Reuse and Desalination</i> , 2015, 5, 1-7.	2.3	21
103	Fugacity modelling of the fate of micropollutants in aqueous systems - Uncertainty and sensitivity issues. <i>Science of the Total Environment</i> , 2020, 699, 134249.	8.0	21
104	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.	8.2	20
105	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.	2.4	20
106	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.	11.3	20
107	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.	4.3	19
108	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.	2.3	19

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109	Comparison of reverse osmosis membrane fouling profiles from Australian water recycling plants. <i>Journal of Membrane Science</i> , 2012, 407-408, 8-16.	8.2	19
110	The use of multiple tracers for tracking wastewater discharges in freshwater systems. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 9321-9332.	2.7	19
111	Managing produced water from coal seam gas projects: implications for an emerging industry in Australia. <i>Environmental Science and Pollution Research</i> , 2015, 22, 10981-11000.	5.3	19
112	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.	9.6	19
113	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.	8.0	19
114	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.	8.0	19
115	Boron as a Surrogate for $\text{N}$ -Nitrosodimethylamine Rejection by Reverse Osmosis Membranes in Potable Water Reuse Applications. <i>Environmental Science &amp; Technology</i> , 2013, 47, 6425-6430.	10.0	18
116	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.	9.6	18
117	The fate of trace organic contaminants in sewage sludge during recuperative thickening anaerobic digestion. <i>Bioresource Technology</i> , 2017, 240, 197-206.	9.6	18
118	Continuous transformation of chiral pharmaceuticals in enzymatic membrane bioreactors for advanced wastewater treatment. <i>Water Science and Technology</i> , 2017, 76, 1816-1826.	2.5	18
119	Quantifying human exposure to contaminants for multiple-barrier water reuse systems. <i>Water Science and Technology</i> , 2010, 61, 77-83.	2.5	17
120	Enantiomeric Fraction Determination of $\alpha$ -Arylpropionic Acids in a Package Plant Membrane Bioreactor. <i>Chirality</i> , 2013, 25, 301-307.	2.6	17
121	An evaluation of measurement techniques for algal-derived organic nitrogen. <i>Water Research</i> , 2019, 165, 114998.	11.3	17
122	Robust evaluation of performance monitoring options for ozone disinfection in water recycling using Bayesian analysis. <i>Water Research</i> , 2017, 124, 605-617.	11.3	16
123	Virus removal by ultrafiltration: Understanding long-term performance change by application of Bayesian analysis. <i>Water Research</i> , 2017, 122, 269-279.	11.3	16
124	Role of wastewater treatment in COVID-19 control. <i>Water Quality Research Journal of Canada</i> , 2021, 56, 68-82.	2.7	16
125	Cross-connection detection in Australian dual reticulation systems by monitoring inherent fluorescent organic matter. <i>Environmental Technology Reviews</i> , 2012, 1, 67-80.	4.3	15
126	Presence and select determinants of organophosphate flame retardants in public swimming pools. <i>Science of the Total Environment</i> , 2016, 569-570, 469-475.	8.0	15



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127	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.	2.4	15
128	Aerobic biotransformation of 6:2 fluorotelomer sulfonate by <i>Dietzia aurantiaca</i> J3 under sulfur-limiting conditions. <i>Science of the Total Environment</i> , 2022, 829, 154587.	8.0	15
129	Hazardous events in membrane bioreactors – Part 3: Impacts on microorganism log removal efficiencies. <i>Journal of Membrane Science</i> , 2016, 497, 514-523.	8.2	14
130	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.	8.0	14
131	A performance comparison of individual and combined treatment modules for water recycling. <i>Environmental Progress</i> , 2005, 24, 383-391.	0.7	13
132	Fate and analysis of endocrine disrupting chemicals in some sewage treatment plants in Australia. <i>Water Science and Technology</i> , 2008, 58, 2187-2194.	2.5	13
133	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, 677-684.	2.5	13
134	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.	1.0	13
135	Removal of polycyclic musks by anaerobic membrane bioreactor: Biodegradation, biosorption, and enantioselectivity. <i>Chemosphere</i> , 2014, 117, 722-729.	8.2	13
136	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.	8.0	13
137	Aqueous-Phase Aminolysis: A Approach for the Analysis of Epoxides in Water. <i>Analytical Chemistry</i> , 2006, 78, 2608-2616.	6.5	12
138	Fluorescence monitoring for cross-connection detection in water reuse systems: Australian case studies. <i>Water Science and Technology</i> , 2010, 61, 155-162.	2.5	12
139	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.	2.3	12
140	Effect of fouling on removal of trace organic compounds by nanofiltration. <i>Drinking Water Engineering and Science</i> , 2011, 4, 71-82.	0.8	12
141	Ozonation of N-Nitrosamines in the Reverse Osmosis Concentrate from Water Recycling Applications. <i>Ozone: Science and Engineering</i> , 2014, 36, 174-180.	2.5	12
142	Glycerol dialkyl glycerol tetraethers (GDGT) distributions from soil to cave: Refining the speleothem paleothermometer. <i>Organic Geochemistry</i> , 2019, 136, 103890.	1.8	12
143	An irrigation experiment to compare soil, water and speleothem tetraether membrane lipid distributions. <i>Organic Geochemistry</i> , 2016, 94, 12-20.	1.8	11
144	Predicting fate of the contraceptive pill in wastewater treatment and discharge. <i>Water Science and Technology</i> , 2005, 52, 279-286.	2.5	10

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145	Distinguishing stage 1 and 2 reverse osmosis permeates using fluorescence spectroscopy. <i>Water Science and Technology</i> , 2009, 60, 2017-2023.	2.5	10
146	Validating the rejection of trace organic chemicals by reverse osmosis membranes using a pilot-scale system. <i>Desalination</i> , 2015, 358, 18-26.	8.2	10
147	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.	8.2	10
148	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.	8.2	10
149	Removal of heavy metals from industrial wastewaters using amine-functionalized nanoporous carbon as a novel sorbent. <i>Mikrochimica Acta</i> , 2013, 180, 227-233.	5.0	9
150	Occurrence of ectoparasitocides in Australian beef cattle feedlot wastes. <i>Environmental Pollution</i> , 2013, 174, 265-272.	7.5	9
151	Potable reuse: Which chemicals to be concerned about. <i>Current Opinion in Environmental Science and Health</i> , 2019, 7, 76-82.	4.1	9
152	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.	2.9	9
153	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, 830, 154324.	8.0	9
154	Probabilistic analysis of fluorescence signals for monitoring dual reticulation water recycling schemes. <i>Water Science and Technology</i> , 2010, 62, 2059-2065.	2.5	7
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