Stuart J Khan

List of Publications by Year
in descending order

179 papers	9,824 citations	36203 51 h-index	42291 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. Water Research, 2009, 43, 863-881.	5.3	800
2	Fate of antibiotics during municipal water recycling treatment processes. Water Research, 2010, 44, 4295-4323.	5.3	613
3	Organic Matter Fluorescence in Municipal Water Recycling Schemes: Toward a Unified PARAFAC Model. Environmental Science & Technology, 2011, 45, 2909-2916.	4.6	597
4	Removal of trace organics by MBR treatment: The role of molecular properties. Water Research, 2011, 45, 2439-2451.	5.3	402
5	The role of membrane processes in municipal wastewater reclamation and reuse. Desalination, 2005, 178, 1-11.	4.0	259
6	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.	4.1	212
7	Sorption of emerging trace organic compounds onto wastewater sludge solids. Water Research, 2011, 45, 3417-3426.	5.3	203
8	Extreme weather events: Should drinking water quality management systems adapt to changing risk profiles?. Water Research, 2015, 85, 124-136.	5.3	170
9	Performance of a novel osmotic membrane bioreactor (OMBR) system: Flux stability and removal of trace organics. Bioresource Technology, 2012, 113, 201-206.	4.8	164
10	Minimizing errors in RT-PCR detection and quantification of SARS-CoV-2 RNA for wastewater surveillance. Science of the Total Environment, 2022, 805, 149877.	3.9	153
11	Removal of trace organics by anaerobic membrane bioreactors. Water Research, 2014, 49, 103-112.	5.3	147
12	Removal of trace organic contaminants by the forward osmosis process. Separation and Purification Technology, 2013, 103, 258-266.	3.9	144
13	Modelling of pharmaceutical residues in Australian sewage by quantities of use and fugacity calculations. Chemosphere, 2004, 54, 355-367.	4.2	140
14	Effect of mixed liquor pH on the removal of trace organic contaminants in a membrane bioreactor. Bioresource Technology, 2010, 101, 1494-1500.	4.8	135
15	Evaluation of effluent organic matter fouling in ultrafiltration treatment using advanced organic characterisation techniques. Journal of Membrane Science, 2011, 382, 50-59.	4.1	133
16	Chemical contaminants in swimming pools: Occurrence, implications and control. Environment International, 2015, 76, 16-31.	4.8	128
17	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.	4.1	125
18	N-nitrosamine removal by reverse osmosis for indirect potable water reuse â€“ A critical review based on observations from laboratory-, pilot- and full-scale studies. Separation and Purification Technology, 2012, 98, 503-515.	3.9	118

#	Article	IF	Citations
19	Characterising humic acid fouling of nanofiltration membranes using bisphenol A as a molecular indicator. Water Research, 2008, 42, 4049-4058.	5.3	116
20	Lignin biogeochemistry: from modern processes to Quaternary archives. Quaternary Science Reviews, 2014, 87, 46-59.	1.4	110
21	Development of a predictive framework to assess the removal of trace organic chemicals by anaerobic membrane bioreactor. Bioresource Technology, 2015, 189, 391-398.	4.8	107
22	Assessment of the application of bioanalytical tools as surrogate measure of chemical contaminants in recycled water. Water Research, 2014, 49, 300-315.	5.3	105
23	Electrode dependent anaerobic ammonium oxidation in microbial fuel cell integrated hybrid constructed wetlands: A new process. Science of the Total Environment, 2020, 698, 134248.	3.9	105
24	Assessment of wastewater and recycled water quality: A comparison of lines of evidence from inÂvitro, inÂvivo and chemical analyses. Water Research, 2014, 50, 420-431.	5.3	97
25	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.	5.3	95
26	Occurrence of trace organic contaminants in wastewater sludge and their removals by anaerobic digestion. Bioresource Technology, 2016, 210, 153-159.	4.8	94
27	Applications of membrane bioreactors for water reclamation: Micropollutant removal, mechanisms and perspectives. Bioresource Technology, 2018, 269, 532-543.	4.8	94
28	Trace organic solutes in closed-loop forward osmosis applications: Influence of membrane fouling and modeling of solute build-up. Water Research, 2013, 47, 5232-5244.	5.3	93
29	Removal of pharmaceuticals and endocrine disrupting chemicals by a submerged membrane photocatalysis reactor (MPR). Separation and Purification Technology, 2014, 127, 131-139.	3.9	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. Science of the Total Environment, 2018, 628-629, 358-365.	3.9	92
31	Removal of trace organic chemical contaminants by a membrane bioreactor. Water Science and Technology, 2012, 66, 1856-1863.	1.2	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. Bioresource Technology, 2016, 216, 399-405.	4.8	83
33	Enantioselective analysis of ibuprofen, ketoprofen and naproxen in wastewater and environmental water samples. Journal of Chromatography A, 2011, 1218, 4746-4754.	1.8	82
34	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.	4.1	82
35	Chemical contaminants in feedlot wastes: Concentrations, effects and attenuation. Environment International, 2008, 34, 839-859.	4.8	81
36	Human risk assessment of organic contaminants in reclaimed wastewater used for irrigation. Desalination, 2006, 187, 53-64.	4.0	80

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37	Management of Concentrated Waste Streams from High-Pressure Membrane Water Treatment Systems. Critical Reviews in Environmental Science and Technology, 2009, 39, 367-415.	6.6	76
38	Key objectives for water reuse concepts. Desalination, 2008, 218, 120-131.	4.0	75
39	Nanofiltration of trace organic chemicals: A comparison between ceramic and polymeric membranes. Separation and Purification Technology, 2014, 136, 258-264.	3.9	74
40	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.	1.2	72
41	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.	3.9	72
42	Analysis of N-nitrosamines in water by isotope dilution gas chromatographyâ€“electron ionisation tandem mass spectrometry. Talanta, 2012, 99, 146-154.	2.9	70
43	Fluorescence monitoring at a recycled water treatment plant and associated dual distribution system â€“ Implications for cross-connection detection. Water Research, 2010, 44, 5323-5333.	5.3	67
44	Determination of six sulfonamide antibiotics, two metabolites and trimethoprim in wastewater by isotope dilution liquid chromatography/tandem mass spectrometry. Talanta, 2012, 89, 407-416.	2.9	67
45	Effects of feed solution characteristics on the rejection of N-nitrosamines by reverse osmosis membranes. Journal of Membrane Science, 2012, 409-410, 66-74.	4.1	65
46	An assessment of endocrine activity in Australian rivers using chemical and in vitro analyses. Environmental Science and Pollution Research, 2014, 21, 12951-12967.	2.7	62
47	N-nitrosamine rejection by nanofiltration and reverse osmosis membranes: The importance of membrane characteristics. Desalination, 2013, 316, 67-75.	4.0	61
48	A National Survey of Trace Organic Contaminants in Australian Rivers. Journal of Environmental Quality, 2014, 43, 1702-1712.	1.0	60
49	Effects of membrane fouling on N-nitrosamine rejection by nanofiltration and reverse osmosis membranes. Journal of Membrane Science, 2013, 427, 311-319.	4.1	59
50	The fate of trace organic contaminants during anaerobic digestion of primary sludge: A pilot scale study. Bioresource Technology, 2018, 256, 384-390.	4.8	55
51	N-nitrosamine rejection by reverse osmosis membranes: A full-scale study. Water Research, 2013, 47, 6141-6148.	5.3	53
52	Fate of trace organic compounds during treatment by nanofiltration. Journal of Membrane Science, 2011, 373, 130-139.	4.1	52
53	Removal of hormones and pharmaceuticals in the Advanced Water Recycling Demonstration Plant in Queensland, Australia. Water Science and Technology, 2004, 50, 15-22.	1.2	51
54	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.	1.9	51

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55	Scientists' warning on extreme wildfire risks to water supply. Hydrological Processes, 2021, 35, e14086.	1.1	51
56	An Outdoor Aging Study to Investigate the Release of Per- And Polyfluoroalkyl Substances (PFAS) from Functional Textiles. Environmental Science & Technology, 2022, 56, 3471-3479.	4.6	51
57	Is halogen content the most important factor in the removal of halogenated trace organics by MBR treatment?. Bioresource Technology, 2011, 102, 6299-6303.	4.8	47
58	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.	4.8	47
59	Enantiospecific fate of ibuprofen, ketoprofen and naproxen in a laboratory-scale membrane bioreactor. Water Research, 2011, 45, 6249-6258.	5.3	45
60	Are Sewage Treatment Plants Promoting Antibiotic Resistance?. Critical Reviews in Environmental Science and Technology, 2011, 41, 243-270.	6.6	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. Separation and Purification Technology, 2013, 116, 426-432.	3.9	44
62	Stakeholder communications for successful water reuse operations. Desalination, 2006, 187, 191-202.	4.0	42
63	Distinct Enantiomeric Signals of Ibuprofen and Naproxen in Treated Wastewater and Sewer Overflow. Chirality, 2014, 26, 739-746.	1.3	42
64	Surface modification of nanofiltration membranes to improve the removal of organic micropollutants: Linking membrane characteristics to solute transmission. Water Research, 2021, 203, 117520.	5.3	40
65	One planet: one health. A call to support the initiative on a global scienceâ€“policy body on chemicals and waste. Environmental Sciences Europe, 2022, 34, 21.	2.6	39
66	Assessing burden of disease as disability adjusted life years in life cycle assessment. Science of the Total Environment, 2015, 530-531, 120-128.	3.9	38
67	Rejection of trace organic chemicals by a hollow fibre cellulose triacetate reverse osmosis membrane. Desalination, 2015, 368, 69-75.	4.0	37
68	Simultaneous determination of estrogenic and androgenic hormones in water by isotope dilution gas chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2011, 1218, 1668-1676.	1.8	36
69	Removal of N-nitrosamines by an aerobic membrane bioreactor. Bioresource Technology, 2013, 141, 41-45.	4.8	36
70	Enantiomeric fraction as an indicator of pharmaceutical biotransformation during wastewater treatment and in the environment â€“ a review. Environmental Technology (United Kingdom), 2010, 31, 1349-1370.	1.2	35
71	Enhanced chromium(VI) treatment in electroactive constructed wetlands: Influence of conductive material. Journal of Hazardous Materials, 2020, 387, 121722.	6.5	35
72	Validation of a full-scale membrane bioreactor and the impact of membrane cleaning on the removal of microbial indicators. Bioresource Technology, 2014, 155, 432-437.	4.8	34

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73	New insights into the relationship between draw solution chemistry and trace organic rejection by forward osmosis. Journal of Membrane Science, 2019, 587, 117184.	4.1	34
74	Biocatalytic metalâ€“organic framework nanomotors for active water decontamination. Chemical Communications, 2020, 56, 14837-14840.	2.2	34
75	Formation of algal-derived nitrogenous disinfection by-products during chlorination and chloramination. Water Research, 2020, 183, 116047.	5.3	34
76	Influence of applied potential on treatment performance and clogging behaviour of hybrid constructed wetland-microbial electrochemical technologies. Chemosphere, 2021, 284, 131296.	4.2	34
77	Occurrence and daily variability of pharmaceuticals and personal care products in swimming pools. Environmental Science and Pollution Research, 2016, 23, 6972-6981.	2.7	30
78	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.	1.9	30
79	Potable reuse: Experiences in Australia. Current Opinion in Environmental Science and Health, 2018, 2, 55-60.	2.1	30
80	Contrasting distributions of glycerol dialkyl glycerol tetraethers (GDGTs) in speleothems and associated soils. Organic Geochemistry, 2014, 69, 1-10.	0.9	29
81	Towards More Holistic Environmental Impact Assessment: Hybridisation of Life Cycle Assessment and Quantitative Risk Assessment. Procedia CIRP, 2015, 29, 378-383.	1.0	29
82	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.	4.1	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. Water Research, 2015, 79, 26-38.	5.3	27
84	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.	4.2	27
85	Drug Residuals: How Xenobiotics can Affect Water Supply Sources. Journal - American Water Works Association, 2004, 96, 94-101.	0.2	25
86	Managing water quality impacts from drought on drinking water supplies. Journal of Water Supply: Research and Technology - AQUA, 2014, 63, 179-188.	0.6	25
87	N-nitrosamine rejection by reverse osmosis: Effects of membrane exposure to chemical cleaning reagents. Desalination, 2014, 343, 60-66.	4.0	25
88	A flexible framework for assessing the sustainability of alternative water supply options. Science of the Total Environment, 2019, 671, 1257-1268.	3.9	25
89	Enhanced nanofiltration rejection of inorganic and organic compounds from a wastewater-reclamation plantâ€™s micro-filtered water using adsorption pre-treatment. Separation and Purification Technology, 2021, 260, 118207.	3.9	25
90	Demonstrating ultra-filtration and reverse osmosis performance using size exclusion chromatography. Water Science and Technology, 2010, 62, 2747-2753.	1.2	24

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91	Enantiomeric analysis of polycyclic musks in water by chiral gas chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2013, 1303, 66-75.	1.8	24
92	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.	1.2	23
93	Modelling pathogen log10 reduction values achieved by activated sludge treatment using naÃ¯ve and semi naÃ¯ve Bayes network models. Water Research, 2015, 85, 304-315.	5.3	23
94	Biological performance and trace organic contaminant removal by a side-stream ceramic nanofiltration membrane bioreactor. International Biodeterioration and Biodegradation, 2016, 113, 49-56.	1.9	23
95	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.	2.2	23
96	A multivariate Bayesian network analysis of water quality factors influencing trihalomethanes formation in drinking water distribution systems. Water Research, 2021, 190, 116712.	5.3	23
97	The application of membrane bioreactors as decentralised systems for removal of endocrine disrupting chemicals and pharmaceuticals. Water Science and Technology, 2010, 61, 1081-1088.	1.2	22
98	Rejection of small solutes by reverse osmosis membranes for water reuse applications: A pilot-scale study. Desalination, 2014, 350, 28-34.	4.0	22
99	Analysis of organophosphate flame retardants and plasticisers in water by isotope dilution gas chromatographyâ€“electron ionisation tandem mass spectrometry. Talanta, 2015, 143, 114-120.	2.9	22
100	Bayesian belief network modelling of chlorine disinfection for human pathogenic viruses in municipal wastewater. Water Research, 2017, 109, 144-154.	5.3	22
101	Occurrence and bioconcentration of micropollutants in Silver Perch (Bidyanus bidyanus) in a reclaimed water reservoir. Science of the Total Environment, 2019, 650, 585-593.	3.9	22
102	Contemporary design, operation, and monitoring of potable reuse systems. Journal of Water Reuse and Desalination, 2015, 5, 1-7.	1.2	21
103	Fugacity modelling of the fate of micropollutants in aqueous systems â€” Uncertainty and sensitivity issues. Science of the Total Environment, 2020, 699, 134249.	3.9	21
104	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.	4.1	20
105	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.	1.2	20
106	Hypothetical scenario exercises to improve planning and readiness for drinking water quality management during extreme weather events. Water Research, 2017, 111, 100-108.	5.3	20
107	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.	2.2	19
108	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.	1.2	19

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109	Comparison of reverse osmosis membrane fouling profiles from Australian water recycling plants. Journal of Membrane Science, 2012, 407-408, 8-16.	4.1	19
110	The use of multiple tracers for tracking wastewater discharges in freshwater systems. Environmental Monitoring and Assessment, 2013, 185, 9321-9332.	1.3	19
111	Managing produced water from coal seam gas projects: implications for an emerging industry in Australia. Environmental Science and Pollution Research, 2015, 22, 10981-11000.	2.7	19
112	Fate of trace organic contaminants in oxic-settling-anoxic (OSA) process applied for biosolids reduction during wastewater treatment. Bioresource Technology, 2017, 240, 181-191.	4.8	19
113	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.	3.9	19
114	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.	3.9	19
115	Boron as a Surrogate for N-Nitrosodimethylamine Rejection by Reverse Osmosis Membranes in Potable Water Reuse Applications. Environmental Science & Technology, 2013, 47, 6425-6430.	4.6	18
116	Impact of hazardous events on the removal of nutrients and trace organic contaminants by an anoxicâ€“aerobic membrane bioreactor receiving real wastewater. Bioresource Technology, 2015, 192, 192-201.	4.8	18
117	The fate of trace organic contaminants in sewage sludge during recuperative thickening anaerobic digestion. Bioresource Technology, 2017, 240, 197-206.	4.8	18
118	Continuous transformation of chiral pharmaceuticals in enzymatic membrane bioreactors for advanced wastewater treatment. Water Science and Technology, 2017, 76, 1816-1826.	1.2	18
119	Quantifying human exposure to contaminants for multiple-barrier water reuse systems. Water Science and Technology, 2010, 61, 77-83.	1.2	17
120	Enantiomeric Fraction Determination of 2â€Arylpropionic Acids in a Package Plant Membrane Bioreactor. Chirality, 2013, 25, 301-307.	1.3	17
121	An evaluation of measurement techniques for algal-derived organic nitrogen. Water Research, 2019, 165, 114998.	5.3	17
122	Robust evaluation of performance monitoring options for ozone disinfection in water recycling using Bayesian analysis. Water Research, 2017, 124, 605-617.	5.3	16
123	Virus removal by ultrafiltration: Understanding long-term performance change by application of Bayesian analysis. Water Research, 2017, 122, 269-279.	5.3	16
124	Role of wastewater treatment in COVID-19 control. Water Quality Research Journal of Canada, 2021, 56, 68-82.	1.2	16
125	Cross-connection detection in Australian dual reticulation systems by monitoring inherent fluorescent organic matter. Environmental Technology Reviews, 2012, 1, 67-80.	2.1	15
126	Presence and select determinants of organophosphate flame retardants in public swimming pools. Science of the Total Environment, 2016, 569-570, 469-475.	3.9	15

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127	Lessons and guidance for the management of safe drinking water during extreme weather events. Environmental Science: Water Research and Technology, 2017, 3, 262-277.	1.2	15
128	Aerobic biotransformation of 6:2 fluorotelomer sulfonate by Dietzia aurantiaca J3 under sulfur-limiting conditions. Science of the Total Environment, 2022, 829, 154587.	3.9	15
129	Hazardous events in membrane bioreactors â€“ Part 3: Impacts on microorganism log removal efficiencies. Journal of Membrane Science, 2016, 497, 514-523.	4.1	14
130	Late Holocene climate anomaly concurrent with fire activity and ecosystem shifts in the eastern Australian Highlands. Science of the Total Environment, 2022, 802, 149542.	3.9	14
131	A performance comparison of individual and combined treatment modules for water recycling. Environmental Progress, 2005, 24, 383-391.	0.8	13
132	Fate and analysis of endocrine disrupting chemicals in some sewage treatment plants in Australia. Water Science and Technology, 2008, 58, 2187-2194.	1.2	13
133	Fate and levels of steroid oestrogens and androgens in waste stabilisation ponds: quantification by liquid chromatographyâ€“tandem mass spectrometry. Water Science and Technology, 2010, 61, 677-684.	1.2	13
134	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.	1.0	13
135	Removal of polycyclic musks by anaerobic membrane bioreactor: Biodegradation, biosorption, and enantioselectivity. Chemosphere, 2014, 117, 722-729.	4.2	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. Science of the Total Environment, 2020, 721, 137676.	3.9	13
137	Aqueous-Phase Aminolysis:â€‰ Approach for the Analysis of Epoxides in Water. Analytical Chemistry, 2006, 78, 2608-2616.	3.2	12
138	Fluorescence monitoring for cross-connection detection in water reuse systems: Australian case studies. Water Science and Technology, 2010, 61, 155-162.	1.2	12
139	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.	1.2	12
140	Effect of fouling on removal of trace organic compounds by nanofiltration. Drinking Water Engineering and Science, 2011, 4, 71-82.	0.8	12
141	Ozonation of N-Nitrosamines in the Reverse Osmosis Concentrate from Water Recycling Applications. Ozone: Science and Engineering, 2014, 36, 174-180.	1.4	12
142	Glycerol dialkyl glycerol tetraethers (GDGT) distributions from soil to cave: Refining the speleothem paleothermometer. Organic Geochemistry, 2019, 136, 103890.	0.9	12
143	An irrigation experiment to compare soil, water and speleothem tetraether membrane lipid distributions. Organic Geochemistry, 2016, 94, 12-20.	0.9	11
144	Predicting fate of the contraceptive pill in wastewater treatment and discharge. Water Science and Technology, 2005, 52, 279-286.	1.2	10

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145	Distinguishing stage 1 and 2 reverse osmosis permeates using fluorescence spectroscopy. Water Science and Technology, 2009, 60, 2017-2023.	1.2	10
146	Validating the rejection of trace organic chemicals by reverse osmosis membranes using a pilot-scale system. Desalination, 2015, 358, 18-26.	4.0	10
147	Hazardous events in membrane bioreactors â€“ Part 1: Impacts on key operational and bulk water quality parameters. Journal of Membrane Science, 2016, 497, 494-503.	4.1	10
148	Hazardous events in membrane bioreactors â€“ Part 2: Impacts on removal of trace organic chemical contaminants. Journal of Membrane Science, 2016, 497, 504-513.	4.1	10
149	Removal of heavy metals from industrial wastewaters using amine-functionalized nanoporous carbon as a novel sorbent. Mikrochimica Acta, 2013, 180, 227-233.	2.5	9
150	Occurrence of ectoparasiticides in Australian beef cattle feedlot wastes. Environmental Pollution, 2013, 174, 265-272.	3.7	9
151	Potable reuse: Which chemicals to be concerned about. Current Opinion in Environmental Science and Health, 2019, 7, 76-82.	2.1	9
152	Ecological consequences of Australian â€œBlack Summerâ€•(2019â€“20) fires: A synthesis of Australian Commonwealth Government report findings. Integrated Environmental Assessment and Management, 2021, 17, 1136-1140.	1.6	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. Science of the Total Environment, 2022, 830, 154324.	3.9	9
154	Probabilistic analysis of fluorescence signals for monitoring dual reticulation water recycling schemes. Water Science and Technology, 2010, 62, 2059-2065.	1.2	7
155	Scenarios for urban water management futures: A systematic review. Water Research, 2022, 211, 118079.	5.3	7
156	Enantioselective analysis and fate of polycyclic musks in a water recycling plant in Sydney (Australia). Water Science and Technology, 2014, 69, 1996-2003.	1.2	6
157	Application of Portable Fluorescence Spectrophotometry for Integrity Testing of Recycled Water Dual Distribution Systems. Applied Spectroscopy, 2015, 69, 124-129.	1.2	5
158	Chiral inversion of 2-arylpropionoic acid (2-APA) enantiomers during simulated biological wastewater treatment. Water Research, 2022, 209, 117871.	5.3	4
159	Evaluation of QSPR Techniques for Wastewater Treatment Processes. Proceedings of the Water Environment Federation, 2010, 2010, 4084-4096.	0.0	3
160	Chemical monitoring strategy for the assessment of advanced water treatment plant performance. Water Science and Technology: Water Supply, 2010, 10, 961-968.	1.0	3
161	Chemical monitoring strategy for the assessment of advanced water treatment plant performance. Water Science and Technology, 2011, 63, 573-579.	1.2	3
162	Planning for Direct Potable Reuse: Operational Aspects of an Integrated Drinking Water System. Journal - American Water Works Association, 2016, 108, 48-55.	0.2	3

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163	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.	2.2	3
164	The rapidly growing role of UV-AOPs in the production of safe drinking water. Environmental Science: Water Research and Technology, 2018, 4, 1211-1212.	1.2	3
165	Editorial Perspectives: what is â€œsafeâ€•drinking water, anyway?. Environmental Science: Water Research and Technology, 2020, 6, 12-14.	1.2	3
166	Deriving safe short-term chemical exposure values (STEV) for drinking water. Regulatory Toxicology and Pharmacology, 2020, 110, 104545.	1.3	3
167	Characterisation of carbonyl byproducts of drinking water ozonation. Water Science and Technology: Water Supply, 2007, 7, 95-100.	1.0	2
168	Potable reuse of water. Environmental Science: Water Research and Technology, 2015, 1, 550-553.	1.2	2
169	Discussion on â€œPotential discharge, attenuation and exposure risk of SARS-CoV-2 in natural water bodies receiving treated wastewaterâ€• Npj Clean Water, 2021, 4, .	3.1	2
170	Chiral Inversion of 2-Arylpropionic Acid Enantiomers under Anaerobic Conditions. Environmental Science & Technology, 2022, 56, 8197-8208.	4.6	2
171	Determining key factors and challenges that affect the future of water reuse. Journal of Water Supply: Research and Technology - AQUA, 2012, 61, 518-528.	0.6	1
172	Urban potable reuse: contrasting perspectives of water industry professionals and elected politicians in Sydney, Australia. Water International, 0, , 1-19.	0.4	1
173	Water reuse: achievements and future challenges. Journal of Water Supply: Research and Technology - AQUA, 2012, 61, 461-462.	0.6	0
174	Effects of Feed Solution Characteristics and Membrane Fouling on N-Nitrosamine Rejection by Reverse Osmosis Membranes. Procedia Engineering, 2012, 44, 1993-1995.	1.2	0
175	Management of water quality in Chile: key aspects for improvement. Urban Water Journal, 2021, 18, 287-299.	1.0	0
176	Safe Management of Chemical Contaminants for Planned Potable Water Recycling. Issues in Environmental Science and Technology, 2010, , 114-137.	0.4	0
177	Critical Control Points in DPR: Quantifying the Multi-Barrier Approach to Treatment. Proceedings of the Water Environment Federation, 2015, 2015, 5477-5488.	0.0	0
178	Case Studies of the Economic, Environmental, and Social Impacts of Direct Potable Reuse. Proceedings of the Water Environment Federation, 2016, 2016, 5302-5314.	0.0	0
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