

# Bruce Jefferson

## List of Publications by Year in descending order

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Version: 2024-02-01

261  
papers

17,497  
citations

13827

67  
h-index

16127

124  
g-index

272  
all docs

272  
docs citations

272  
times ranked

14486  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy potential of household fats, oils and grease waste. <i>Water and Environment Journal</i> , 2022, 36, 132-141.	1.0	4
2	The impact of hydraulic retention time on the performance of two configurations of anaerobic pond for municipal sewage treatment. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 3905-3918.	1.2	3
3	Ammonia recovery from brines originating from a municipal wastewater ion exchange process and valorization of recovered nitrogen into microbial protein. <i>Chemical Engineering Journal</i> , 2022, 427, 130896.	6.6	24
4	Microbubbles and their application to ozonation in water treatment: A critical review exploring their benefit and future application. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 1561-1603.	6.6	34
5	Application of activated carbon fabric for the removal of a recalcitrant pesticide from agricultural run-off. <i>Science of the Total Environment</i> , 2022, 815, 152626.	3.9	12
6	Are microbubbles magic or just small? a direct comparison of hydroxyl radical generation between microbubble and conventional bubble ozonation under typical operational conditions. <i>Chemical Engineering Journal</i> , 2022, 435, 134854.	6.6	20
7	Bioaugmentation of pilot-scale slow sand filters can achieve compliant levels for the micropollutant metaldehyde in a real water matrix. <i>Water Research</i> , 2022, 211, 118071.	5.3	12
8	Exploring the use of flow cytometry for understanding the efficacy of disinfection in chlorine contact tanks. <i>Water Research</i> , 2022, 217, 118420.	5.3	3
9	High rate algal systems for treating wastewater: A comparison. <i>Algal Research</i> , 2022, 65, 102754.	2.4	4
10	Recovery and reuse of alginate in an immobilized algae reactor. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 3905-3918.	1.2	23
11	Resilience and life cycle assessment of ion exchange process for ammonium removal from municipal wastewater. <i>Science of the Total Environment</i> , 2021, 783, 146834.	3.9	23
12	Demonstration of ion exchange technology for phosphorus removal and recovery from municipal wastewater. <i>Chemical Engineering Journal</i> , 2021, 420, 129913.	6.6	44
13	Development and calibration of a new mathematical model for the description of an ion-exchange process for ammonia removal in the presence of competing ions. <i>Water Research</i> , 2021, 206, 117779.	5.3	6
14	Determination of fats, oils and greases in food service establishment wastewater using a modification of the Gerber method. <i>Water and Environment Journal</i> , 2020, 34, 5-13.	1.0	7
15	The combined influence of hydrophobicity, charge and molecular weight on natural organic matter removal by ion exchange and coagulation. <i>Chemosphere</i> , 2020, 238, 124633.	4.2	26
16	Nitrogen oxidation consortia dynamics influence the performance of full-scale rotating biological contactors. <i>Environment International</i> , 2020, 135, 105354.	4.8	11
17	The impact of polymer selection and dose on the incorporation of ballasting agents onto wastewater aggregates. <i>Water Research</i> , 2020, 170, 115346.	5.3	15
18	Hydrolysis and Methanogenesis in UASB-AnMBR Treating Municipal Wastewater Under Psychrophilic Conditions: Importance of Reactor Configuration and Inoculum. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 567695.	2.0	17

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19	Chlorine disinfection of drinking water assessed by flow cytometry: New insights. <i>Environmental Technology and Innovation</i> , 2020, 19, 101032.	3.0	12
20	What is the impact of personal care products selection on greywater characteristics and reuse?. <i>Science of the Total Environment</i> , 2020, 749, 141413.	3.9	6
21	Preparation and evaluation of zeolites for ammonium removal from municipal wastewater through ion exchange process. <i>Scientific Reports</i> , 2020, 10, 12426.	1.6	53
22	Understanding why fat, oil and grease (FOG) bioremediation can be unsuccessful. <i>Journal of Environmental Management</i> , 2020, 267, 110647.	3.8	12
23	Economic evaluation of ion-exchange processes for nutrient removal and recovery from municipal wastewater. <i>Npj Clean Water</i> , 2020, 3, .	3.1	55
24	Achieving drinking water compliance levels for metaldehyde with an acclimated sand bioreactor. <i>Water Research</i> , 2020, 184, 116084.	5.3	6
25	Influence of granular activated carbon media properties on natural organic matter and disinfection by-product precursor removal from drinking water. <i>Water Research</i> , 2020, 174, 115613.	5.3	55
26	A new conceptual model of pesticide transfers from agricultural land to surface waters with a specific focus on metaldehyde. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 956-972.	1.7	4
27	Characterisation and energy assessment of fats, oils and greases (FOG) waste at catchment level. <i>Waste Management</i> , 2020, 103, 399-406.	3.7	15
28	Establishing the mechanisms underpinning solids breakthrough in UASB configured anaerobic membrane bioreactors to mitigate fouling. <i>Water Research</i> , 2020, 176, 115754.	5.3	17
29	Assessing the potential of enhanced primary clarification to manage fats, oils and grease (FOG) at wastewater treatment works. <i>Science of the Total Environment</i> , 2020, 728, 138415.	3.9	9
30	Influence of sludge layer properties on the hydraulic behaviour of gravel-based vertical flow constructed wetlands for primary treatment of sewage. <i>Science of the Total Environment</i> , 2019, 691, 1137-1143.	3.9	10
31	Interactions between Organic Model Compounds and Ion Exchange Resins. <i>Environmental Science &amp; Technology</i> , 2019, 53, 9734-9743.	4.6	14
32	Characterisation of food service establishment wastewater and its implication for treatment. <i>Journal of Environmental Management</i> , 2019, 252, 109657.	3.8	21
33	Influence of light regime on the performance of an immobilised microalgae reactor for wastewater nutrient removal. <i>Algal Research</i> , 2019, 44, 101648.	2.4	12
34	The role of concentrations gradients on phosphorus and iron dynamics from chemically-dosed horizontal flow wetlands for tertiary sewage treatment. <i>Water Science and Technology</i> , 2019, 79, 2126-2134.	1.2	1
35	From full-scale biofilters to bioreactors: Engineering biological metaldehyde removal. <i>Science of the Total Environment</i> , 2019, 685, 410-418.	3.9	15
36	On the potential of on-line free-surface constructed wetlands for attenuating pesticide losses from agricultural land to surface waters. <i>Environmental Chemistry</i> , 2019, 16, 563.	0.7	9

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37	Comparing flow cytometry with culture-based methods for microbial monitoring and as a diagnostic tool for assessing drinking water treatment processes. <i>Environment International</i> , 2019, 130, 104893.	4.8	35
38	Pesticide removal from drinking water sources by adsorption: a review. <i>Environmental Technology Reviews</i> , 2019, 8, 1-24.	2.1	87
39	Comparable membrane permeability can be achieved in granular and flocculent anaerobic membrane bioreactor for sewage treatment through better sludge blanket control. <i>Journal of Water Process Engineering</i> , 2019, 28, 181-189.	2.6	17
40	Potential influence of sewer heat recovery on in-sewer processes. <i>Water Science and Technology</i> , 2019, 80, 2344-2351.	1.2	8
41	The impact of background wastewater constituents on the selectivity and capacity of a hybrid ion exchange resin for phosphorus removal from wastewater. <i>Chemosphere</i> , 2019, 224, 494-501.	4.2	41
42	Membrane-based processes. , 2019, , .		0
43	Determining how polymer-bubble interactions impact algal separation using the novel "Posi"-dissolved air flotation process. <i>Separation and Purification Technology</i> , 2018, 201, 139-147.	3.9	20
44	The impact of wastewater characteristics, algal species selection and immobilisation on simultaneous nitrogen and phosphorus removal. <i>Algal Research</i> , 2018, 31, 478-488.	2.4	67
45	Turbidity composition and the relationship with microbial attachment and UV inactivation efficacy. <i>Science of the Total Environment</i> , 2018, 624, 638-647.	3.9	74
46	Identification of gas sparging regimes for granular anaerobic membrane bioreactor to enable energy neutral municipal wastewater treatment. <i>Journal of Membrane Science</i> , 2018, 555, 125-133.	4.1	47
47	Quantifying the performance of a hybrid anion exchanger/adsorbent for phosphorus removal using mass spectrometry coupled with batch kinetic trials. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 2304-2314.	1.2	13
48	Consequences of pH change on wastewater depth filtration using a multimedia filter. <i>Water Research</i> , 2018, 128, 111-119.	5.3	20
49	The role of algal organic matter in the separation of algae and cyanobacteria using the novel "Posi"-Dissolved air flotation process. <i>Water Research</i> , 2018, 130, 20-30.	5.3	49
50	Comparison of fouling between aerobic and anaerobic MBR treating municipal wastewater. <i>H2Open Journal</i> , 2018, 1, 131-159.	0.8	26
51	Understanding the potential for selective natural organic matter removal by ion exchange. <i>Water Research</i> , 2018, 146, 256-263.	5.3	27
52	Tertiary nutrient removal from wastewater by immobilised microalgae: impact of wastewater nutrient characteristics and hydraulic retention time (HRT). <i>H2Open Journal</i> , 2018, 1, 12-25.	0.8	21
53	Sustaining membrane permeability during unsteady-state operation of anaerobic membrane bioreactors for municipal wastewater treatment following peak-flow. <i>Journal of Membrane Science</i> , 2018, 564, 289-297.	4.1	20
54	Development of a staged anaerobic pond for methane recovery from domestic wastewater. <i>Ecological Engineering</i> , 2018, 122, 169-176.	1.6	3

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55	Metaldehyde removal from drinking water by adsorption onto filtration media: mechanisms and optimisation. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 1543-1552.	1.2	11
56	Rapid gravity filtration operational performance assessment and diagnosis for preventative maintenance from on-line data. <i>Chemical Engineering Journal</i> , 2017, 313, 250-260.	6.6	8
57	A multi-component method to determine pesticides in surface water by liquid chromatography tandem quadrupole mass spectrometry. <i>Water and Environment Journal</i> , 2017, 31, 380-387.	1.0	9
58	Impact of pre-treatment technologies on soil aquifer treatment. <i>Journal of Water Reuse and Desalination</i> , 2017, 7, 1-10.	1.2	4
59	Carbonaceous and nitrogenous disinfection by-product formation from algal organic matter. <i>Chemosphere</i> , 2017, 170, 1-9.	4.2	101
60	Aged-engineered nanoparticles effect on sludge anaerobic digestion performance and associated microbial communities. <i>Science of the Total Environment</i> , 2017, 609, 232-241.	3.9	56
61	Assessment of activated sludge, membrane bioreactors and vertical flow wetlands for upgrading sewage treatment works. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 154-162.	1.2	2
62	Energy Recovery from Immobilised Cells of <i>Scenedesmus obliquus</i> after Wastewater Treatment. <i>Lecture Notes in Civil Engineering</i> , 2017, , 266-271.	0.3	3
63	Performance of Four Full-Scale Artificially Aerated Horizontal Flow Constructed Wetlands for Domestic Wastewater Treatment. <i>Water (Switzerland)</i> , 2016, 8, 365.	1.2	20
64	Assessing the potential for tertiary nitrification in sub-surface flow constructed wetlands. <i>Environmental Technology Reviews</i> , 2016, 5, 68-77.	2.1	7
65	The effect of high hydraulic loading rate on the removal efficiency of a quadruple media filter for tertiary wastewater treatment. <i>Water Research</i> , 2016, 107, 102-112.	5.3	9
66	Toward gas-phase controlled mass transfer in micro-porous membrane contactors for recovery and concentration of dissolved methane in the gas phase. <i>Journal of Membrane Science</i> , 2016, 510, 466-471.	4.1	42
67	Performance of different advanced oxidation processes for tertiary wastewater treatment to remove the pesticide acetamiprid. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 72-81.	1.6	64
68	Influence of microalgal N and P composition on wastewater nutrient remediation. <i>Water Research</i> , 2016, 91, 371-378.	5.3	132
69	Effect of elevated UV dose and alkalinity on metaldehyde removal and THM formation with UV/TiO <sub>2</sub> and UV/H <sub>2</sub> O <sub>2</sub> . <i>Chemical Engineering Journal</i> , 2016, 288, 359-367.	6.6	23
70	Dissolved methane recovery from anaerobic effluents using hollow fibre membrane contactors. <i>Journal of Membrane Science</i> , 2016, 502, 141-150.	4.1	136
71	Influence of Alkalinity on the Efficiency and Catalyst Behavior of Photo-Assisted Processes. <i>Chemical Engineering and Technology</i> , 2016, 39, 158-165.	0.9	4
72	Impact of aeration on macrophyte establishment in sub-surface constructed wetlands used for tertiary treatment of sewage. <i>Ecological Engineering</i> , 2016, 91, 65-73.	1.6	17

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73	The impact of algogenic organic matter on water treatment plant operation and water quality: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2016, 46, 291-335.	6.6	134
74	Assessing filter robustness at drinking water treatment plants. <i>Water and Environment Journal</i> , 2015, 29, 16-26.	1.0	9
75	Gas to liquid mass transfer in rheologically complex fluids. <i>Chemical Engineering Journal</i> , 2015, 273, 656-667.	6.6	32
76	Insights into the effect of mixed engineered nanoparticles on activated sludge performance. <i>FEMS Microbiology Ecology</i> , 2015, 91, fiv082.	1.3	25
77	Long-Term Performance of Constructed Wetlands with Chemical Dosing for Phosphorus Removal. , 2015, , 273-292.		5
78	The Characterization of Feces and Urine: A Review of the Literature to Inform Advanced Treatment Technology. <i>Critical Reviews in Environmental Science and Technology</i> , 2015, 45, 1827-1879.	6.6	896
79	Comparison of ultraviolet light emitting diodes with traditional UV for greywater disinfection. <i>Journal of Water Reuse and Desalination</i> , 2015, 5, 17-27.	1.2	11
80	Microalgae for municipal wastewater nutrient remediation: mechanisms, reactors and outlook for tertiary treatment. <i>Environmental Technology Reviews</i> , 2015, 4, 133-148.	2.1	152
81	Removal of disinfection by-product precursors by coagulation and an innovative suspended ion exchange process. <i>Water Research</i> , 2015, 87, 20-28.	5.3	40
82	Application of high intensity UVC-LED for the removal of acetamiprid with the photo-Fenton process. <i>Chemical Engineering Journal</i> , 2015, 264, 690-696.	6.6	62
83	Selective removal of phosphate from wastewater using hydrated metal oxides dispersed within anionic exchange media. <i>Chemosphere</i> , 2015, 119, 1353-1360.	4.2	195
84	Controlling shell-side crystal nucleation in a gas-liquid membrane contactor for simultaneous ammonium bicarbonate recovery and biogas upgrading. <i>Journal of Membrane Science</i> , 2015, 473, 146-156.	4.1	21
85	Treatment of municipal wastewater reverse osmosis concentrate using UVC-LED/H <sub>2</sub> O <sub>2</sub> with and without coagulation pre-treatment. <i>Chemical Engineering Journal</i> , 2015, 260, 649-656.	6.6	58
86	Risk assessment frameworks for MAR schemes in the UK. <i>Environmental Earth Sciences</i> , 2015, 73, 7747-7757.	1.3	10
87	Rotating biological contactors for wastewater treatment – A review. <i>Chemical Engineering Research and Design</i> , 2015, 94, 285-306.	2.7	116
88	Disinfection Byproduct Control. , 2014, , 120-147.		3
89	Examination of the physical properties of <i>Microcystis aeruginosa</i> flocs produced on coagulation with metal salts. <i>Water Research</i> , 2014, 60, 197-209.	5.3	76
90	Improving the Energy Balance of an Integrated Microalgal Wastewater Treatment Process. <i>Waste and Biomass Valorization</i> , 2014, 5, 245-253.	1.8	12

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91	Diagnosis of an anaerobic pond treating temperate domestic wastewater: An alternative sludge strategy for small works. <i>Ecological Engineering</i> , 2014, 63, 64-71.	1.6	4
92	Fate of Zinc Oxide and Silver Nanoparticles in a Pilot Wastewater Treatment Plant and in Processed Biosolids. <i>Environmental Science &amp; Technology</i> , 2014, 48, 104-112.	4.6	326
93	Biogas upgrading by chemical absorption using ammonia rich absorbents derived from wastewater. <i>Water Research</i> , 2014, 67, 175-186.	5.3	40
94	Impacts of microalgae pre-treatments for improved anaerobic digestion: Thermal treatment, thermal hydrolysis, ultrasound and enzymatic hydrolysis. <i>Water Research</i> , 2014, 65, 350-361.	5.3	148
95	Assessing microbiological water quality in drinking water distribution systems with disinfectant residual using flow cytometry. <i>Water Research</i> , 2014, 65, 224-234.	5.3	85
96	Evaluating the impact of LED bulb development on the economic viability of ultraviolet technology for disinfection. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 400-406.	1.2	75
97	Removal of phosphorus from trickling filter effluent by electrocoagulation. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 3139-3146.	1.2	15
98	Establishing the suitability of symmetric ultrathin wall polydimethylsiloxane hollow-fibre membrane contactors for enhanced CO <sub>2</sub> separation during biogas upgrading. <i>Journal of Membrane Science</i> , 2014, 452, 37-45.	4.1	50
99	Heat transfer characteristics of silver/water nanofluids in a shell and tube heat exchanger. <i>Archives of Civil and Mechanical Engineering</i> , 2014, 14, 489-496.	1.9	81
100	The impacts of replacing air bubbles with microspheres for the clarification of algae from low cell-density culture. <i>Water Research</i> , 2014, 53, 168-179.	5.3	31
101	Hydrophobically-associating cationic polymers as micro-bubble surface modifiers in dissolved air flotation for cyanobacteria cell separation. <i>Water Research</i> , 2014, 61, 253-262.	5.3	73
102	Non-covalent protein-polysaccharide interactions and their influence on membrane fouling. <i>Journal of Membrane Science</i> , 2013, 446, 310-317.	4.1	80
103	Evaluation of engineered nanoparticle toxic effect on wastewater microorganisms: Current status and challenges. <i>Ecotoxicology and Environmental Safety</i> , 2013, 95, 1-9.	2.9	56
104	Comparison of UV/TiO <sub>2</sub> and UV/H <sub>2</sub> O <sub>2</sub> processes in an annular photoreactor for removal of micropollutants: Influence of water parameters on metaldehyde removal, quantum yields and energy consumption. <i>Applied Catalysis B: Environmental</i> , 2013, 138-139, 268-275.	10.8	31
105	Media surface properties and the development of nitrifying biofilms in mixed cultures for wastewater treatment. <i>Chemical Engineering Research and Design</i> , 2013, 91, 321-324.	2.7	16
106	Quantifying the loss of methane through secondary gas mass transport (or slip) from a micro-porous membrane contactor applied to biogas upgrading. <i>Water Research</i> , 2013, 47, 3688-3695.	5.3	22
107	Experiences of algal bloom control using green solutions barley straw and ultrasound, an industry perspective. <i>Water and Environment Journal</i> , 2013, 27, 148-156.	1.0	23
108	Impact on reactor configuration on the performance of anaerobic MBRs: Treatment of settled sewage in temperate climates. <i>Water Research</i> , 2013, 47, 4853-4860.	5.3	54

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109	The impact of contactor scale on a ferric nanoparticle adsorbent process for the removal of phosphorus from municipal wastewater. <i>Chemical Engineering Journal</i> , 2013, 215-216, 209-215.	6.6	15
110	The impact of background organic matter and alkalinity on the degradation of the pesticide metaldehyde by two advanced oxidation processes: UV/H <sub>2</sub> O <sub>2</sub> and UV/TiO <sub>2</sub> . <i>Water Research</i> , 2013, 47, 2041-2049.	5.3	90
111	Effect of artificial aeration on tertiary nitrification in a full-scale subsurface horizontal flow constructed wetland. <i>Ecological Engineering</i> , 2013, 54, 236-244.	1.6	66
112	Nitrogen removal from temperate anaerobic-aerobic two-stage biological systems: impact of reactor type and wastewater strength. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 2107-2114.	1.6	2
113	Anaerobic treatment of fortified municipal wastewater in temperate climates. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 1280-1288.	1.6	13
114	The influence of ultrasound frequency and power, on the algal species <i>Microcystis aeruginosa</i> , <i>Aphanizomenon flos-aquae</i> , <i>Scenedesmus subspicatus</i> and <i>Melosira</i> sp.. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 2477-2490.	1.2	31
115	Evaluation of a UV-light emitting diodes unit for the removal of micropollutants in water for low energy advanced oxidation processes. <i>Chemosphere</i> , 2013, 92, 745-751.	4.2	86
116	Influence of pH on gas phase controlled mass transfer in a membrane contactor for hydrogen sulphide absorption. <i>Journal of Membrane Science</i> , 2013, 427, 276-282.	4.1	20
117	Recovery of methane from anaerobic process effluent using poly-di-methyl-siloxane membrane contactors. <i>Water Science and Technology</i> , 2012, 65, 604-610.	1.2	92
118	Optimising dissolved air flotation/filtration treatment of algae-laden lagoon effluent using surface charge: a Bolivar treatment plant case study. <i>Water Science and Technology</i> , 2012, 66, 1684-1690.	1.2	6
119	Waste stabilisation ponds for anaerobic wastewater treatment. <i>Proceedings of the Institution of Civil Engineers: Engineering Sustainability</i> , 2012, 165, 201-213.	0.4	2
120	A critical review of trihalomethane and haloacetic acid formation from natural organic matter surrogates. <i>Environmental Technology Reviews</i> , 2012, 1, 93-113.	2.1	152
121	Comparison of UV/H <sub>2</sub> O <sub>2</sub> and UV/TiO <sub>2</sub> for the degradation of metaldehyde: Kinetics and the impact of background organics. <i>Water Research</i> , 2012, 46, 5655-5662.	5.3	48
122	Treatment and Energy Efficiency of a Granular Sludge Anaerobic Membrane Reactor Handling Domestic Sewage. <i>Procedia Engineering</i> , 2012, 44, 1977-1979.	1.2	4
123	Incorporating biodegradation and advanced oxidation processes in the treatment of spent metalworking fluids. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 2741-2750.	1.2	24
124	Comparison of coagulation performance and floc properties using a novel zirconium coagulant against traditional ferric and alum coagulants. <i>Water Research</i> , 2012, 46, 4179-4187.	5.3	144
125	The Multiple Benefits of High Concentration Electrolyte in Chemisorption Using a Micro-Porous Hollow Fibre Membrane Contactor (hfmc). <i>Procedia Engineering</i> , 2012, 44, 953-954.	1.2	1
126	The scope for potential energy savings in the flocculation process. <i>Water and Environment Journal</i> , 2012, 26, 319-323.	1.0	1

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127	Modelling the energy demands of aerobic and anaerobic membrane bioreactors for wastewater treatment. <i>Environmental Technology (United Kingdom)</i> , 2011, 32, 921-932.	1.2	166
128	Impact of membrane configuration on fouling in anaerobic membrane bioreactors. <i>Journal of Membrane Science</i> , 2011, 382, 41-49.	4.1	96
129	Treatment of disinfection by-product precursors. <i>Environmental Technology (United Kingdom)</i> , 2011, 32, 1-25.	1.2	134
130	A review of the impact and potential of intermittent aeration on continuous flow nitrifying activated sludge. <i>Environmental Technology (United Kingdom)</i> , 2011, 32, 1685-1697.	1.2	37
131	Comparison of PPCPs removal on a parallel-operated MBR and AS system and evaluation of effluent post-treatment on vertical flow reed beds. <i>Water Science and Technology</i> , 2011, 63, 2411-2417.	1.2	48
132	Ballasted Flotation with Glass Microspheres for Removal of Natural Organic Matter. <i>Separation Science and Technology</i> , 2011, 46, 2489-2495.	1.3	7
133	Integrating anaerobic processes into wastewater treatment. <i>Water Science and Technology</i> , 2011, 63, 1459-1466.	1.2	12
134	Managed aquifer recharge with reclaimed water: approaches to a European guidance framework. <i>Water Science and Technology</i> , 2010, 62, 1265-1273.	1.2	9
135	Inhibition of three algae species using chemicals released from barley straw. <i>Environmental Technology (United Kingdom)</i> , 2010, 31, 455-466.	1.2	42
136	Photocatalytic oxidation of natural organic matter surrogates and the impact on trihalomethane formation potential. <i>Chemosphere</i> , 2010, 81, 1509-1516.	4.2	39
137	The development and application of CFD models for water treatment flocculators. <i>Advances in Engineering Software</i> , 2010, 41, 99-109.	1.8	58
138	Assessing users' experience of shared sanitation facilities: A case study of community ablution blocks in Durban, South Africa. <i>Water S A</i> , 2010, 36, .	0.2	15
139	Comparison of grey water treatment performance by a cascading sand filter and a constructed wetland. <i>Water Science and Technology</i> , 2010, 62, 1471-1478.	1.2	18
140	Photocatalytic oxidation, GAC and biotreatment combinations: an alternative to the coagulation of hydrophilic rich waters?. <i>Environmental Technology (United Kingdom)</i> , 2010, 31, 1423-1434.	1.2	16
141	Impacts of residence time during storage on potential of water saving for grey water recycling system. <i>Water Research</i> , 2010, 44, 267-277.	5.3	61
142	Comparison of the disinfection by-product formation potential of treated waters exposed to chlorine and monochloramine. <i>Water Research</i> , 2010, 44, 729-740.	5.3	223
143	The impact of barley straw conditioning on the inhibition of <i>Scenedesmus</i> using chemostats. <i>Water Research</i> , 2010, 44, 1373-1380.	5.3	17
144	Disinfection by-product formation of natural organic matter surrogates and treatment by coagulation, MIEXA® and nanofiltration. <i>Water Research</i> , 2010, 44, 1645-1653.	5.3	109

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145	The impact of differing cell and algogenic organic matter (AOM) characteristics on the coagulation and flotation of algae. <i>Water Research</i> , 2010, 44, 3617-3624.	5.3	267
146	Polymers as bubble surface modifiers in the flotation of algae. <i>Environmental Technology (United Kingdom)</i> , 2010, 31, 107-114.	1.2	42
147	The Role of Polymer in Improving Floc Strength for Filtration. <i>Environmental Science &amp; Technology</i> , 2010, 44, 6443-6449.	4.6	42
148	Computational Fluid Dynamics Modelling of Flocculation in Water Treatment: A Review. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2009, 3, 220-241.	1.5	51
149	Removal and recovery of phosphate from municipal wastewaters using a polymeric anion exchanger bound with hydrated ferric oxide nanoparticles. <i>Water Science and Technology</i> , 2009, 60, 2637-2645.	1.2	71
150	Disinfection Byproduct Formation and Fractionation Behavior of Natural Organic Matter Surrogates. <i>Environmental Science &amp; Technology</i> , 2009, 43, 5982-5989.	4.6	147
151	The use of contact angle measurements to estimate the adhesion propensity of calcium carbonate to solid substrates in water. <i>Applied Surface Science</i> , 2009, 255, 4873-4879.	3.1	59
152	Effect of hydrophilic/hydrophobic fractions of natural organic matter on irreversible fouling of membranes. <i>Desalination</i> , 2009, 249, 182-187.	4.0	49
153	Pathogens in urban wastewaters suitable for reuse. <i>Urban Water Journal</i> , 2009, 6, 291-301.	1.0	13
154	Indirect effects of membrane configuration on MBR sludge filterability. <i>Desalination and Water Treatment</i> , 2009, 9, 246-252.	1.0	1
155	Chemical and biological oxidation of NOM surrogates and effect on HAA formation. <i>Water Research</i> , 2009, 43, 2615-2622.	5.3	72
156	Low energy ballasted flotation. <i>Water Research</i> , 2009, 43, 3427-3434.	5.3	39
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