Nicholas Ashbolt

List of Publications by Year
in descending order

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264 papers	12,638 citations	19608 61 h-index	33814 99 g-index
270 all docs	270 docs citations	270 times ranked	10972 citing authors

#	Article	IF	Citations
1	Water safety management during the initial phase of the Covid-19 pandemic: challenges, responses and guidance. International Journal of Water Resources Development, 2023, 39, 337-359.	1.2	4
2	Number of COVID-19 cases required in a population to detect SARS-CoV-2 RNA in wastewater in the province of Alberta, Canada: Sensitivity assessment. Journal of Environmental Sciences, 2023, 125, 843-850.	3.2	17
3	SARS-CoV-2 surrogate (Phi6) environmental persistence within free-living amoebae. Journal of Water and Health, 2022, 20, 83-91.	1.1	13
4	Validating and optimizing the method for molecular detection and quantification of SARS-CoV-2 in wastewater. Science of the Total Environment, 2022, 812, 151434.	3.9	30
5	Tenets of a holistic approach to drinking water-associated pathogen research, management, and communication. Water Research, 2022, 211, 117997.	5.3	21
6	Legionella Infection during and after the COVID-19 Pandemic. ACS ES&T Water, 2021, 1, 13-14.	2.3	14
7	Screening Level Risk Assessment (SLRA) of human health risks from faecal pathogens associated with a Natural Swimming Pond (NSP). Water Research, 2021, 188, 116501.	5.3	8
8	Differential Bacterial Predation by Free-Living Amoebae May Result in Blooms of Legionella in Drinking Water Systems. Microorganisms, 2021, 9, 174.	1.6	10
9	Building the case for water and resource recovery in Canada: practitioners' perspectives. Water Policy, 2021, 23, 157-166.	0.7	1
10	Editorial: Important news about this journal. Journal of Water Supply: Research and Technology - AQUA, 2021, 70, iii-iv.	0.6	0
11	Editorial: Important news about this journal. Journal of Water and Health, 2021, 19, iii-iv.	1.1	0
12	Outer Limits of Flow Cytometry to Quantify Viruses in Water. ACS ES&T Water, 2021, 1, 1127-1135.	2.3	4
13	Improving the implementation of water and resource recovery in Canada. Journal of Water Reuse and Desalination, 2021, 11, 453-463.	1.2	10
14	Editorial: Important news about this journal. Journal of Water Sanitation and Hygiene for Development, 2021, 11, iii-iv.	0.7	0
15	Extracellular amoebal-vesicles: potential transmission vehicles for respiratory viruses. Npj Biofilms and Microbiomes, 2021, 7, 25.	2.9	10
16	Editorial: Important news about this journal. Water Science and Technology, 2021, 83, iii-iv.	1.2	0
17	Editorial: Important news about this journal. Water Science and Technology: Water Supply, 2021, 21, v-vi.	1.0	0
18	Pathogen performance testing of a natural swimming pool using a cocktail of microbiological surrogates and QMRA-derived management goals. Journal of Water and Health, 2021, 19, 629-641.	1.1	3

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19	Towards risk assessment for antibiotic resistant pathogens in recycled water: a systematic review and summary of research needs. Environmental Microbiology, 2021, 23, 7355-7372.	1.8	17
20	Knowledge Gaps in the Understanding of Antimicrobial Resistance in Canada. Frontiers in Public Health, 2021, 9, 726484.	1.3	26
21	Life cycle assessment of decentralized greywater treatment systems with reuse at different scales in cold regions. Environment International, 2020, 134, 105215.	4.8	59
22	Interactions between Human Reovirus and Free-Living Amoebae: Implications for Enteric Virus Disinfection and Aquatic Persistence. Environmental Science & Technology, 2020, 54, 10201-10206.	4.6	14
23	Role of amoebae for survival and recovery of â€˜non-culturableâ€™ Helicobacter pylori cells in aquatic environments. FEMS Microbiology Ecology, 2020, 96, .	1.3	10
24	Viability of a Single-Stage Unsaturated-Saturated Granular Activated Carbon Biofilter for Greywater Treatment. Sustainability, 2020, 12, 8847.	1.6	5
25	Characterization of water treatment-resistant and multidrug-resistant urinary pathogenic Escherichia coli in treated wastewater. Water Research, 2020, 182, 115827.	5.3	31
26	Life Cycle Assessment of Community-Based Sewer Mining: Integrated Heat Recovery and Fit-For-Purpose Water Reuse. Environments - MDPI, 2020, 7, 36.	1.5	5
27	Antimicrobial-resistant microorganisms and their genetic determinants in stormwater: A systematic review. Current Opinion in Environmental Science and Health, 2020, 16, 101-112.	2.1	18
28	The importance of integrated fixed film activated sludge reactor and intermittent aeration in nitritation-anammox systems: Understanding reactor optimization for lagoon supernatant treatment. International Biodeterioration and Biodegradation, 2020, 149, 104938.	1.9	13
29	Long-term continuous partial nitritation-anammox reactor aeration optimization at different nitrogen loading rates for the treatment of ammonium rich digestate lagoon supernatant. Process Biochemistry, 2020, 99, 139-146.	1.8	8
30	Anammox reactor optimization for the treatment of ammonium rich digestate lagoon supernatant - Step feeding mitigates nitrite inhibition. International Biodeterioration and Biodegradation, 2019, 143, 104733.	1.9	16
31	Isolation of Legionella pneumophila by Co-culture with Local Ameba, Canada. Emerging Infectious Diseases, 2019, 25, 2104-2107.	2.0	7
32	Improving nitrogen removal in an IFAS nitritationâ€“anammox reactor treating lagoon supernatant by manipulating biocarrier filling ratio and hydraulic retention time. Biochemical Engineering Journal, 2019, 152, 107365.	1.8	5
33	Whole-Genome Sequencing of Four Campylobacter Strains Isolated from Gull Excreta Collected from Hobie Beach (Oxnard, CA, USA). Microbiology Resource Announcements, 2019, 8, .	0.3	1
34	Nutrient recovery from source-diverted blackwater: Optimization for enhanced phosphorus recovery and reduced co-precipitation. Journal of Cleaner Production, 2019, 235, 417-425.	4.6	17
35	The value of floc and biofilm bacteria for anammox stability when treating ammonia-rich digester sludge thickening lagoon supernatant. Chemosphere, 2019, 233, 472-481.	4.2	36
36	Capsid Integrity qPCRâ€”An Azo-Dye Based and Culture-Independent Approach to Estimate Adenovirus Infectivity after Disinfection and in the Aquatic Environment. Water (Switzerland), 2019, 11, 1196.	1.2	15

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37	Long-term persistence of infectious Legionella with free-living amoebae in drinking water biofilms. International Journal of Hygiene and Environmental Health, 2019, 222, 678-686.	2.1	29
38	Importance of controlling phosphate concentration in nitritationâ€“anammox reactor operation. Environmental Science: Water Research and Technology, 2019, 5, 1234-1243.	1.2	7
39	Interactions of <scp>Pseudomonas aeruginosa</scp> with <scp>Acanthamoeba polyphaga</scp> Observed by Imaging Flow Cytometry. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2019, 95, 555-564.	1.1	25
40	Spiked Virus Level Needed To Correctly Assess Enteric Virus Recovery in Water Matrices. Applied and Environmental Microbiology, 2019, 85, .	1.4	8
41	Evidence for the evolution, clonal expansion and global dissemination of water treatment-resistant naturalized strains of Escherichia coli in wastewater. Water Research, 2019, 156, 208-222.	5.3	38
42	Evaluating Microbial and Chemical Hazards in Commercial Struvite Recovered from Wastewater. Environmental Science & Technology, 2019, 53, 5378-5386.	4.6	31
43	Colloid chemistry pitfall for flow cytometric enumeration of viruses in water. Water Research X, 2019, 2, 100025.	2.8	13
44	Vertical response of microbial community and degrading genes to petroleum hydrocarbon contamination in saline alkaline soil. Journal of Environmental Sciences, 2019, 81, 80-92.	3.2	47
45	Decreased efficacy of UV inactivation of Staphylococcus aureus after multiple exposure and growth cycles. International Journal of Hygiene and Environmental Health, 2019, 222, 111-116.	2.1	16
46	Extended persistence of general and cattle-associated fecal indicators in marine and freshwater environment. Science of the Total Environment, 2019, 650, 1292-1302.	3.9	29
47	Flood and Infectious Disease Risk Assessment. , 2019, , 145-159.		4
48	Total staphylococci as performance surrogate for greywater treatment. Environmental Science and Pollution Research, 2018, 25, 32894-32900.	2.7	10
49	Arctic antibiotic resistance gene contamination, a result of anthropogenic activities and natural origin. Science of the Total Environment, 2018, 621, 1176-1184.	3.9	102
50	Free-Living Amoebae Supporting Intracellular Growth May Produce Vesicle-Bound Respirable Doses of Legionella Within Drinking Water Systems. Exposure and Health, 2018, 10, 201-209.	2.8	15
51	UV inactivation of human infectious viruses at two full-scale wastewater treatment plants in Canada. Water Research, 2018, 147, 73-81.	5.3	47
52	Searching for Activity Markers that Approximate (VBNC) Legionella pneumophila Infectivity in Amoeba after Ultraviolet (UV) Irradiation. Water (Switzerland), 2018, 10, 1219.	1.2	11
53	An Environmental Science and Engineering Framework for Combating Antimicrobial Resistance. Environmental Engineering Science, 2018, 35, 1005-1011.	0.8	47
54	Twenty five years of beach monitoring in Hong Kong: A re-examination of the beach water quality classification scheme from a comparative and global perspective. Marine Pollution Bulletin, 2018, 131, 793-803.	2.3	7

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55	Persistence of infectious Enterovirus within free-living amoebae â€“ A novel waterborne risk pathway?. Water Research, 2018, 144, 204-214.	5.3	19
56	Free-Living Amoebae â€“ A Novel Waterborne Risk Pathway That Now Includes Enteric Viruses. , 2018, , .		0
57	Effect of Disinfectant Exposure on Legionella pneumophila Associated with Simulated Drinking Water Biofilms: Release, Inactivation, and Infectivity. Environmental Science & Technology, 2017, 51, 2087-2095.	4.6	31
58	Effect of temperature and colonization of Legionella pneumophila and Vermamoeba vermiformis on bacterial community composition of copper drinking water biofilms. Microbial Biotechnology, 2017, 10, 773-788.	2.0	39
59	Risk-based enteric pathogen reduction targets for non-potable and direct potable use of roof runoff, stormwater, and greywater. Microbial Risk Analysis, 2017, 5, 32-43.	1.3	64
60	Enterobius vermicularis as a Novel Surrogate for the Presence of Helminth Ova in Tertiary Wastewater Treatment Plants. Applied and Environmental Microbiology, 2017, 83, .	1.4	10
61	Bacteriophages as indicators of faecal pollution and enteric virus removal. Letters in Applied Microbiology, 2017, 65, 11-26.	1.0	115
62	Response of microbial community and catabolic genes to simulated petroleum hydrocarbon spills in soils/sediments from different geographic locations. Journal of Applied Microbiology, 2017, 123, 875-885.	1.4	16
63	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
64	Simulation of enteric pathogen concentrations in locally-collected greywater and wastewater for microbial risk assessments. Microbial Risk Analysis, 2017, 5, 44-52.	1.3	30
65	Annual variations and effects of temperature on Legionella spp. and other potential opportunistic pathogens in a bathroom. Environmental Science and Pollution Research, 2017, 24, 2326-2336.	2.7	32
66	Using quantitative microbial risk assessment and life cycle assessment to assess management options in urban water and sanitation infrastructures: Opportunities and unresolved issues. Microbial Risk Analysis, 2017, 5, 71-77.	1.3	10
67	Cost, energy, global warming, eutrophication and local human health impacts of community water and sanitation service options. Water Research, 2017, 109, 186-195.	5.3	43
68	Public health and water quality management in low-exposure stormwater schemes: A critical review of regulatory frameworks and path forward. Sustainable Cities and Society, 2017, 28, 453-465.	5.1	30
69	UV Disinfection of Hand-Rinse Greywater and Performance Testing Using Indigenous Staphylococcus spp.. Water (Switzerland), 2017, 9, 963.	1.2	4
70	Risk-Based Framework for the Development of Public Health Guidance for Decentralized Non-Potable Water Systems. Proceedings of the Water Environment Federation, 2017, 2017, 3799-3809.	0.0	27
71	A Spike Cocktail Approach to Improve Microbial Performance Monitoring for Water Reuse. Water Environment Research, 2016, 88, 824-837.	1.3	9
72	Comparing the Life Cycle Energy Consumption, Global Warming and Eutrophication Potentials of Several Water and Waste Service Options. Water (Switzerland), 2016, 8, 154.	1.2	38

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73	An Improved Culture Method for Selective Isolation of Campylobacter jejuni from Wastewater. Frontiers in Microbiology, 2016, 7, 1345.	1.5	15
74	Changes in bacterial composition of biofilm in a metropolitan drinking water distribution system. Journal of Applied Microbiology, 2016, 121, 294-305.	1.4	42
75	Molecular Detection of Legionella spp. and their associations with Mycobacterium spp., Pseudomonas aeruginosa and amoeba hosts in a drinking water distribution system. Journal of Applied Microbiology, 2016, 120, 509-521.	1.4	76
76	QMRA and water safety management: review of application in drinking water systems. Journal of Water and Health, 2016, 14, 571-589.	1.1	61
77	Point-of-use water disinfection using ultraviolet and visible light-emitting diodes. Science of the Total Environment, 2016, 553, 626-635.	3.9	93
78	A one-step centrifugal ultrafiltration method to concentrate enteric viruses from wastewater. Journal of Virological Methods, 2016, 237, 150-153.	1.0	21
79	Evaluation of Various Campylobacter-Specific Quantitative PCR (qPCR) Assays for Detection and Enumeration of Campylobacteraceae in Irrigation Water and Wastewater via a Miniaturized Most-Probable-Numberâ€“qPCR Assay. Applied and Environmental Microbiology, 2016, 82, 4743-4756.	1.4	23
80	Response of Simulated Drinking Water Biofilm Mechanical and Structural Properties to Long-Term Disinfectant Exposure. Environmental Science & Technology, 2016, 50, 1779-1787.	4.6	66
81	Evaluation of three full-scale stormwater treatment systems with respect to water yield, pathogen removal efficacy and human health risk from faecal pathogens. Science of the Total Environment, 2016, 543, 691-702.	3.9	26
82	Including pathogen risk in life cycle assessment: the effect of modelling choices in the context of sewage sludge management. International Journal of Life Cycle Assessment, 2016, 21, 60-69.	2.2	25
83	Exposure Assessment. , 2015, , 3.5.2-1-3.5.2-18.		0
84	Assessment of human virus removal during municipal wastewater treatment in Edmonton, Canada. Journal of Applied Microbiology, 2015, 119, 1729-1739.	1.4	121
85	Environmental (Saprozoic) Pathogens of Engineered Water Systems: Understanding Their Ecology for Risk Assessment and Management. Pathogens, 2015, 4, 390-405.	1.2	94
86	Molecular survey of occurrence and quantity of Legionella spp., Mycobacterium spp., Pseudomonas aeruginosa and amoeba hosts in municipal drinking water storage tank sediments. Journal of Applied Microbiology, 2015, 119, 278-288.	1.4	63
87	Exposure to Synthetic Gray Water Inhibits Amoeba Encystation and Alters Expression of Legionella pneumophila Virulence Genes. Applied and Environmental Microbiology, 2015, 81, 630-639.	1.4	12
88	Cost-effectiveness of nitrogen mitigation by alternative household wastewater management technologies. Journal of Environmental Management, 2015, 150, 344-354.	3.8	38
89	Microbial Contamination of Drinking Water and Human Health from Community Water Systems. Current Environmental Health Reports, 2015, 2, 95-106.	3.2	288
90	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

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91	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
92	Estimated human health risks from recreational exposures to stormwater runoff containing animal faecal material. Environmental Modelling and Software, 2015, 72, 21-32.	1.9	57
93	Technologic resilience assessment of coastal community water and wastewater service options. Sustainability of Water Quality and Ecology, 2015, 6, 75-87.	2.0	36
94	Role of Biofilm Roughness and Hydrodynamic Conditions in Legionella pneumophila Adhesion to and Detachment from Simulated Drinking Water Biofilms. Environmental Science & Technology, 2015, 49, 4274-4282.	4.6	91
95	Critical insights for a sustainability framework to address integrated community water services: Technical metrics and approaches. Water Research, 2015, 77, 155-169.	5.3	64
96	Doseâ€“response algorithms for water-bornePseudomonas aeruginosafolliculitis. Epidemiology and Infection, 2015, 143, 1524-1537.	1.0	12
97	New Perspectives on Microbial Community Distortion after Whole-Genome Amplification. PLoS ONE, 2015, 10, e0124158.	1.1	35
98	Implementing sustainable water and sanitation projects in rural, developing communities. Waterlines, 2014, 33, 71-88.	0.1	6
99	Biotic Interactions and Sunlight Affect Persistence of Fecal Indicator Bacteria and Microbial Source Tracking Genetic Markers in the Upper Mississippi River. Applied and Environmental Microbiology, 2014, 80, 3952-3961.	1.4	63
100	Human health risk implications of multiple sources of faecal indicator bacteria in a recreational waterbody. Water Research, 2014, 66, 254-264.	5.3	117
101	Development of an Escherichia coli K12-specific quantitative polymerase chain reaction assay and DNA isolation suited to biofilms associated with iron drinking water pipe corrosion products. Journal of Water and Health, 2014, 12, 763-771.	1.1	6
102	Impact of drinking water conditions and copper materials on downstream biofilm microbial communities and Legionella pneumophila colonization. Journal of Applied Microbiology, 2014, 117, 905-918.	1.4	55
103	Evaluation of Bacteroides fragilis ÂGB-124 bacteriophages as novel human-associated faecal indicators in the United States. Letters in Applied Microbiology, 2014, 59, 115-121.	1.0	34
104	Preferential colonization and release of Legionella pneumophila from mature drinking water biofilms grown on copper versus unplasticized polyvinylchloride coupons. International Journal of Hygiene and Environmental Health, 2014, 217, 219-225.	2.1	40
105	Photovoltaic powered ultraviolet and visible light-emitting diodes for sustainable point-of-use disinfection of drinking waters. Science of the Total Environment, 2014, 493, 185-196.	3.9	71
106	Genome Sequencing Reveals the Environmental Origin of Enterococci and Potential Biomarkers for Water Quality Monitoring. Environmental Science & Technology, 2014, 48, 3707-3714.	4.6	14
107	Your Garden Hose: A Potential Health Risk Due to Legionella spp. Growth Facilitated by Free-Living Amoebae. Environmental Science & Technology, 2014, 48, 10456-10464.	4.6	34
108	Human Mitochondrial DNA and Endogenous Bacterial Surrogates for Risk Assessment of Graywater Reuse. Environmental Science & Technology, 2014, 48, 7993-8002.	4.6	20

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109	Comparative Human Health Risk Analysis of Coastal Community Water and Waste Service Options. Environmental Science & Technology, 2014, 48, 9728-9736.	4.6	41
110	Pseudomonas aeruginosadose response and bathing water infection. Epidemiology and Infection, 2014, 142, 449-462.	1.0	29
111	Microbial diversities (16S and 18S rRNA gene pyrosequencing) and environmental pathogens within drinking water biofilms grown on the common premise plumbing materials unplasticized polyvinylchloride and copper. FEMS Microbiology Ecology, 2014, 88, 280-295.	1.3	67
112	Municipal gravity sewers: An unrecognised source of nitrous oxide. Science of the Total Environment, 2014, 468-469, 211-218.	3.9	36
113	Hartmannella vermiformis Inhibition of Legionella pneumophila Cultivability. Microbial Ecology, 2013, 66, 715-726.	1.4	14
114	Functional microbial diversity explains groundwater chemistry in a pristine aquifer. BMC Microbiology, 2013, 13, 146.	1.3	151
115	Impacts of Migratory Sandhill Cranes (Grus canadensis) on Microbial Water Quality in the Central Platte River, Nebraska, USA. Water, Air, and Soil Pollution, 2013, 224, 1.	1.1	19
116	Eukaryotic diversity in premise drinking water using 18S rDNA sequencing: implications for health risks. Environmental Science and Pollution Research, 2013, 20, 6351-6366.	2.7	43
117	Establishment and early succession of bacterial communities in monochloramine-treated drinking water biofilms. FEMS Microbiology Ecology, 2013, 86, 404-414.	1.3	64
118	Molecular Detection of Campylobacter spp. and Fecal Indicator Bacteria during the Northern Migration of Sandhill Cranes (Grus canadensis) at the Central Platte River. Applied and Environmental Microbiology, 2013, 79, 3762-3769.	1.4	23
119	Can off-river water and shade provision reduce cattle intrusion into drinking water catchment riparian zones?. Agricultural Water Management, 2013, 130, 69-78.	2.4	11
120	Marine nitrous oxide emissions: An unknown liability for the international water sector. Environmental Science and Policy, 2013, 33, 209-221.	2.4	5
121	Human Health Risk Assessment (HHRA) for Environmental Development and Transfer of Antibiotic Resistance. Environmental Health Perspectives, 2013, 121, 993-1001.	2.8	508
122	Legionella pneumophila Transcriptional Response following Exposure to CuO Nanoparticles. Applied and Environmental Microbiology, 2013, 79, 2713-2720.	1.4	28
123	Differential Decay of Enterococci and Escherichia coli Originating from Two Fecal Pollution Sources. Applied and Environmental Microbiology, 2013, 79, 2488-2492.	1.4	45
124	Pathogenic Escherichia coli in rural household container waters. Water Science and Technology, 2013, 67, 1230-1237.	1.2	9
125	Methods for assessing long-term mean pathogen count in drinking water and risk management implications. Journal of Water and Health, 2012, 10, 197-208.	1.1	7
126	Counting Legionella Cells within Single Amoeba Host Cells. Applied and Environmental Microbiology, 2012, 78, 2070-2072.	1.4	22

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127	Development and Evaluation of a Quantitative PCR Assay Targeting Sandhill Crane (Grus canadensis) Fecal Pollution. Applied and Environmental Microbiology, 2012, 78, 4338-4345.	1.4	27
128	Research findings: What utility managers need to know. Journal - American Water Works Association, 2012, 104, 63-68.	0.2	0
129	Legionellae in engineered systems and use of quantitative microbial risk assessment to predict exposure. Water Research, 2012, 46, 921-933.	5.3	117
130	The active bacterial community in a pristine confined aquifer. Water Resources Research, 2012, 48, .	1.7	22
131	The Fate of Helicobacter pylori Phagocytized by Acanthamoeba polyphaga Demonstrated by Fluorescent In Situ Hybridization and Quantitative Polymerization Chain Reaction Tests. Current Microbiology, 2012, 65, 805-812.	1.0	7
132	Do Free-Living Amoebae in Treated Drinking Water Systems Present an Emerging Health Risk?. Environmental Science & Technology, 2011, 45, 860-869.	4.6	196
133	Evaluating the importance of faecal sources in human-impacted waters. Water Research, 2011, 45, 2670-2680.	5.3	64
134	Distribution and potential significance of a gull fecal marker in urban coastal and riverine areas of southern Ontario, Canada. Water Research, 2011, 45, 3960-3968.	5.3	42
135	An in-premise model for Legionella exposure during showering events. Water Research, 2011, 45, 5826-5836.	5.3	122
136	The Short Pipe Path â€“ Safe Water, Energy & Nutrient Recovery. Proceedings of the Water Environment Federation, 2011, 2011, 1233-1241.	0.0	1
137	Differential growth of Legionella pneumophila strains within a range of amoebae at various temperatures associated with in-premise plumbing. Letters in Applied Microbiology, 2011, 53, 217-224.	1.0	83
138	Inactivation of indicators and pathogens in cattle feedlot manures and compost as determined by molecular and culture assays. FEMS Microbiology Ecology, 2011, 77, 200-210.	1.3	36
139	Screening-level assays for potentially human-infectious environmental Legionella spp.. Journal of Microbiology, 2011, 49, 200-207.	1.3	9
140	Are Sewage Treatment Plants Promoting Antibiotic Resistance?. Critical Reviews in Environmental Science and Technology, 2011, 41, 243-270.	6.6	45
141	Molecular Detection of Campylobacter spp. in California Gull (Larus californicus) Excreta. Applied and Environmental Microbiology, 2011, 77, 5034-5039.	1.4	34
142	Estimating the risk from sewage treatment plant effluent in the Sydney catchment area. Water Science and Technology, 2011, 63, 1707-1715.	1.2	5
143	Development of a Planning Framework for Sustainable Rural Water Supply and Sanitation. International Studies of Management and Organization, 2010, 40, 78-98.	0.4	4
144	Diversity and Abundance of Zoonotic Pathogens and Indicators in Manures of Feedlot Cattle in Australia. Applied and Environmental Microbiology, 2010, 76, 6947-6950.	1.4	31

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145	Meeting Report: Knowledge and Gaps in Developing Microbial Criteria for Inland Recreational Waters. Environmental Health Perspectives, 2010, 118, 871-876.	2.8	31
146	Assessing Pathogen Risk to Swimmers at Non-Sewage Impacted Recreational Beaches. Environmental Science & Technology, 2010, 44, 2286-2291.	4.6	144
147	Predicting pathogen risks to aid beach management: The real value of quantitative microbial risk assessment (QMRA). Water Research, 2010, 44, 4692-4703.	5.3	127
148	Estimated human health risks from exposure to recreational waters impacted by human and non-human sources of faecal contamination. Water Research, 2010, 44, 4674-4691.	5.3	405
149	Estimating the primary etiologic agents in recreational freshwaters impacted by human sources of faecal contamination. Water Research, 2010, 44, 4736-4747.	5.3	139
150	Global Warming and Trans-Boundary Movement of Waterborne Microbial Pathogens. , 2010, , 71-82.		0
151	Comparing probabilistic microbial risk assessments for drinking water against daily rather than annualised infection probability targets. Journal of Water and Health, 2009, 7, 535-543.	1.1	33
152	Quantitative Bayesian predictions of source water concentration for QMRA from presence/absence data for E. coli O157:H7. Water Science and Technology, 2009, 59, 2245-2252.	1.2	8
153	A sea change ahead for recreational water quality criteria. Journal of Water and Health, 2009, 7, 9-20.	1.1	167
154	The role of biofilms and protozoa inLegionellapathogenesis: implications for drinking water. Journal of Applied Microbiology, 2009, 107, 368-378.	1.4	245
155	Solar radiation disinfection of drinking water at temperate latitudes: Inactivation rates for an optimised reactor configuration. Water Research, 2009, 43, 643-652.	5.3	55
156	Simple Model of Attachment and Detachment of Pathogens in Water Distribution System Biofilms. , 2009, , .		10
157	Fate and transport of viruses during sewage treatment in a mound system. Water Research, 2008, 42, 3047-3056.	5.3	30
158	Chemical contaminants in feedlot wastes: Concentrations, effects and attenuation. Environment International, 2008, 34, 839-859.	4.8	81
159	Review of multi-criteria decision aid for integrated sustainability assessment of urban water systems. Urban Water Journal, 2008, 5, 315-327.	1.0	92
160	Disinfection by-product formation and mitigation strategies in point-of-use chlorination of turbid and non-turbid waters in western Kenya. Journal of Water and Health, 2008, 6, 67-82.	1.1	69
161	Microbial challenge-testing of treatment processes for quantifying stormwater recycling risks and management. Water Science and Technology, 2008, 57, 843-847.	1.2	15
162	Field scale quantification of microbial transport from bovine faeces under simulated rainfall events. Journal of Water and Health, 2007, 5, 83-95.	1.1	50

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163	Health impact of water and sanitation infrastructure reconstruction programmes in eight Central American communities affected by Hurricane Mitch. Journal of Water and Health, 2007, 5, 51-65.	1.1	17
164	Incorporating method recovery uncertainties in stochastic estimates of raw water protozoan concentrations for QMRA. Journal of Water and Health, 2007, 5, 51-65.	1.1	42
165	SCADA data and the quantification of hazardous events for QMRA. Journal of Water and Health, 2007, 5, 99-105.	1.1	9
166	Microbial risk implications of rainfall-induced runoff events entering a reservoir used as a drinking-water source. Journal of Water Supply: Research and Technology - AQUA, 2007, 56, 515-531.	0.6	23
167	The effects of UV disinfection on distribution pipe biofilm growth and pathogen incidence within the greater Stockholm area, Sweden. Water Research, 2007, 41, 3327-3336.	5.3	18
168	APPLICATION OF TMDL AND RISK ASSESSMENT PRINCIPLES FOR PATHOGEN MANAGEMENT AT AN URBAN RECREATIONAL LAKE. , 2007, , .		1
169	Development of a process-based model to predict pathogen budgets for the Sydney drinking water catchment. Journal of Water and Health, 2007, 5, 187-208.	1.1	54
170	A new approach to aid urban water management decision making using trade-off sacrifice modelled by fuzzy logic. Water Science and Technology, 2007, 56, 11-20.	1.2	2
171	Reply to comments on â€œDerivation of numerical values for the World Health Organization guidelines for recreational watersâ€• Water Research, 2006, 40, 1921-1925.	5.3	6
172	Pathogen monitoring offers questionable protection against drinking-water risks: a QMRA (Quantitative Microbial Risk Analysis) approach to assess management strategies. Water Science and Technology, 2006, 54, 451-451.	1.2	0
173	Microbial risk and removalâ€”a utility perspective. Water Science and Technology, 2006, 54, 253-259.	1.2	11
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