

Edward A Mcbean

List of Publications by Year in descending order

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164
papers

2,863
citations

236925

25
h-index

214800

47
g-index

169
all docs

169
docs citations

169
times ranked

2720
citing authors

#	ARTICLE	IF	CITATIONS
1	The Battle of the Water Sensor Networks (BWSN): A Design Challenge for Engineers and Algorithms. Journal of Water Resources Planning and Management - ASCE, 2008, 134, 556-568.	2.6	464
2	Battle of the Water Calibration Networks. Journal of Water Resources Planning and Management - ASCE, 2012, 138, 523-532.	2.6	134
3	Appropriate technology “ A comprehensive approach for water and sanitation in the developing world. Technology in Society, 2009, 31, 158-167.	9.4	113
4	Optimization Modeling of Water Quality in an Uncertain Environment. Water Resources Research, 1985, 21, 934-940.	4.2	89
5	Human health risk assessment from arsenic exposures in Bangladesh. Science of the Total Environment, 2015, 527-528, 552-560.	8.0	81
6	Siloxanes in biogases from landfills and wastewater digesters. Canadian Journal of Civil Engineering, 2008, 35, 431-436.	1.3	75
7	A risk-based approach to sanitary sewer pipe asset management. Science of the Total Environment, 2015, 505, 1011-1017.	8.0	66
8	Predicting the Timing of Water Main Failure Using Artificial Neural Networks. Journal of Water Resources Planning and Management - ASCE, 2014, 140, 425-434.	2.6	59
9	A methodology for solid waste characterization based on diminishing marginal returns. Waste Management, 2007, 27, 337-344.	7.4	58
10	Partitioning of daily evapotranspiration using a modified shuttleworth-wallace model, random Forest and support vector regression, for a cabbage farmland. Agricultural Water Management, 2020, 228, 105923.	5.6	57
11	A critical evaluation of two point-of-use water treatment technologies: can they provide water that meets WHO drinking water guidelines?. Journal of Water and Health, 2010, 8, 611-630.	2.6	54
12	Improving Urban Water Security through Pipe-Break Prediction Models: Machine Learning or Survival Analysis. Journal of Environmental Engineering, ASCE, 2020, 146, .	1.4	52
13	A critical review of arsenic exposures for Bangladeshi adults. Science of the Total Environment, 2015, 527-528, 540-551.	8.0	50
14	Forecasting watermain failure using artificial neural network modelling. Canadian Water Resources Journal, 2013, 38, 24-33.	1.2	49
15	Ecological network analysis of an urban water metabolic system based on input-output model: A case study of Guangdong, China. Science of the Total Environment, 2019, 670, 369-378.	8.0	49
16	Prediction of Timing of Watermain Failure Using Gene Expression Models. Water Resources Management, 2016, 30, 1635-1651.	3.9	48
17	An assessment of long-term trends in hydrologic components and implications for water levels in Lake Superior. Hydrology Research, 2009, 40, 564-579.	2.7	46
18	Data Mining to Identify Contaminant Event Locations in Water Distribution Systems. Journal of Water Resources Planning and Management - ASCE, 2009, 135, 466-474.	2.6	42

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19	Assessment of the Contributions of Traditional Qanats in Sustainable Water Resources Management. International Journal of Water Resources Development, 2006, 22, 575-588.	2.0	39
20	Passive sampling, a practical method for wastewater-based surveillance of SARS-CoV-2. Environmental Research, 2022, 204, 112058.	7.5	35
21	Water Quality Modeling of the Kali River, India. Water, Air, and Soil Pollution, 1998, 102, 91-103.	2.4	34
22	Adjustment Factors for Flood Damage Curves. Journal of Water Resources Planning and Management - ASCE, 1988, 114, 635-646.	2.6	32
23	Nitrification, denitrification and ammonification in point-of-use biosand filters in rural Cambodia. Journal of Water and Health, 2010, 8, 803-817.	2.6	30
24	Real-Time Water Quality Monitoring: Assessment of Multisensor Data Using Bayesian Belief Networks. Journal of Water Resources Planning and Management - ASCE, 2012, 138, 63-70.	2.6	30
25	Pareto Optimality for Sensor Placements in a Water Distribution System. Journal of Water Resources Planning and Management - ASCE, 2011, 137, 243-248.	2.6	27
26	Watermain breaks and data: the intricate relationship between data availability and accuracy of predictions. Urban Water Journal, 2020, 17, 163-176.	2.1	27
27	Virus removal efficiency of Cambodian ceramic pot water purifiers. Journal of Water and Health, 2011, 9, 306-311.	2.6	26
28	A Forecast Model of Refuse Tonnage With Recapture and Uncertainty Bounds. Waste Management and Research, 1993, 11, 373-385.	3.9	25
29	PAH deposition to snow surface. Environmental Science and Pollution Research, 2001, 8, 11-18.	5.3	25
30	Flood Depth-Damage Curves By Interview Survey. Journal of Water Resources Planning and Management - ASCE, 1988, 114, 613-634.	2.6	24
31	In situ treatment of arsenic-contaminated groundwater by air sparging. Journal of Contaminant Hydrology, 2014, 159, 20-35.	3.3	23
32	Stochastic model of first-order bod kinetics. Water Research, 1986, 20, 625-632.	11.3	22
33	Using Data Mining to Understand Drinking Water Advisories in Small Water Systems: a Case Study of Ontario First Nations Drinking Water Supplies. Water Resources Management, 2015, 29, 5129-5139.	3.9	21
34	Evaluation of alternative two-source remote sensing models in partitioning of land evapotranspiration. Journal of Hydrology, 2021, 597, 126029.	5.4	21
35	A critical analysis of residential flood damage estimation curves. Canadian Journal of Civil Engineering, 1986, 13, 86-94.	1.3	18
36	Asymptomatic Cases, the Hidden Challenge in Predicting COVID-19 Caseload Increases. Infectious Disease Reports, 2021, 13, 340-347.	3.1	18

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37	Stochastic models for first-order kinetics of biochemical oxygen demand with random initial conditions, inputs, and coefficients. <i>Applied Mathematical Modelling</i> , 1988, 12, 565-572.	4.2	17
38	Estimating water content in an active landfill with the aid of GPR. <i>Waste Management</i> , 2013, 33, 2015-2028.	7.4	17
39	A novel risk assessment method for landfill slope failure: Case study application for Bhalswa Dumpsite, India. <i>Waste Management and Research</i> , 2017, 35, 220-227.	3.9	17
40	A Virtual Water Assessment Methodology for Cropping Pattern Investigation. <i>Water Resources Management</i> , 2014, 28, 2331-2349.	3.9	16
41	Estimating Tortuosity Coefficients Based on Hydraulic Conductivity. <i>Ground Water</i> , 2016, 54, 476-487.	1.3	16
42	Source water protection programs and Indigenous communities in Canada and the United States: A scoping review. <i>Journal of Hydrology</i> , 2018, 562, 358-370.	5.4	16
43	Risk assessment of hybrid rain harvesting system and other small drinking water supply systems by game theory and fuzzy logic modeling. <i>Science of the Total Environment</i> , 2020, 708, 134436.	8.0	16
44	Temporal characterization of municipal solid waste leachate. <i>Canadian Journal of Civil Engineering</i> , 1992, 19, 668-679.	1.3	15
45	Seasonal occurrence and removal of polycyclic and nitro musks from wastewater treatment plants in Ontario, Canada. <i>Journal of Environmental Engineering and Science</i> , 2008, 7, 299-317.	0.8	14
46	Theory and application of conflict resolution with hybrid preference in colored graphs. <i>Applied Mathematical Modelling</i> , 2013, 37, 989-1003.	4.2	14
47	Early detection of riverine flooding events using the group method of data handling for the Bow River, Alberta, Canada. <i>International Journal of River Basin Management</i> , 2022, 20, 533-544.	2.7	14
48	Identification of Variable Importance for Predictions of Mortality From COVID-19 Using AI Models for Ontario, Canada. <i>Frontiers in Public Health</i> , 2021, 9, 675766.	2.7	14
49	Forecasting impacts of climate change on changes of municipal wastewater production in wastewater reuse projects. <i>Journal of Cleaner Production</i> , 2021, 329, 129790.	9.3	14
50	Pricing and Expansion of a Water Supply System. <i>Journal of Water Resources Planning and Management - ASCE</i> , 1985, 111, 24-42.	2.6	13
51	Combining Machine Learning and Survival Statistics to Predict Remaining Service Life of Watermains. <i>Journal of Infrastructure Systems</i> , 2021, 27, .	1.8	13
52	An enhanced shuttleworth-wallace model for simulation of evapotranspiration and its components. <i>Agricultural and Forest Meteorology</i> , 2022, 313, 108769.	4.8	13
53	Stochastic estimation of states in unconfined aquifers subject to artificial recharge. <i>Water Resources Research</i> , 1982, 18, 1519-1530.	4.2	12
54	Selection of water treatment processes using Bayesian decision network analyses. <i>Journal of Environmental Engineering and Science</i> , 2007, 6, 95-102.	0.8	12

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55	Polycyclic and Nitro Musks in Canadian Municipal Wastewater: Occurrence and Removal in Wastewater Treatment. <i>Water Quality Research Journal of Canada</i> , 2007, 42, 138-152.	2.7	12
56	Assessing the impact of urbanization on urban evapotranspiration and its components using a novel four-source energy balance model. <i>Agricultural and Forest Meteorology</i> , 2022, 316, 108853.	4.8	12
57	Linear stochastic optimization applied to biochemical oxygen demand & dissolved oxygen modelling. <i>Canadian Journal of Civil Engineering</i> , 1986, 13, 249-254.	1.3	11
58	Multi-stage response to contaminant ingress into water distribution systems and probability quantification. <i>Canadian Journal of Civil Engineering</i> , 2009, 36, 1764-1772.	1.3	11
59	Theory and implementation of coalitional analysis in cooperative decision making. <i>Theory and Decision</i> , 2014, 76, 147-171.	1.0	11
60	Wastewater impacts on groundwater at a fractured sedimentary bedrock site in Ontario, Canada: implications for First Nations' source-water protection. <i>Hydrogeology Journal</i> , 2019, 27, 2739-2753.	2.1	11
61	Behaviour and transport of oil under smooth ice. <i>Canadian Journal of Civil Engineering</i> , 1987, 14, 510-518.	1.3	10
62	DISCHARGE CHARACTERISTICS OF PERFORATED PIPE FOR USE IN INFILTRATION TRENCHES. <i>Journal of the American Water Resources Association</i> , 1992, 28, 517-524.	2.4	10
63	Systems analysis models for disinfection by-product formation in chlorinated drinking water in Ontario. <i>Civil Engineering and Environmental Systems</i> , 2008, 25, 127-138.	0.9	10
64	Analyzing volatile organic siloxanes in landfill biogas. <i>Canadian Journal of Civil Engineering</i> , 2012, 39, 667-673.	1.3	10
65	Evaluating technological resilience of small drinking water systems under the projected changes of climate. <i>Journal of Water and Climate Change</i> , 2012, 3, 110-124.	2.9	10
66	False Negative/Positive Issues in Contaminant Source Identification for Water-Distribution Systems. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2012, 138, 230-236.	2.6	10
67	Virus removal efficiency of ceramic water filters: effects of bentonite turbidity. <i>Water Science and Technology: Water Supply</i> , 2014, 14, 304-311.	2.1	10
68	Analysis of challenges and opportunities to meaningful Indigenous engagement in sustainable water and wastewater management. <i>Water Policy</i> , 2017, 19, 709-723.	1.5	10
69	Assessment of climate change under CMIP5-RCP scenarios on downstream rivers glaciers & Sardabrud River of Alam-Kuh glacier, Iran. <i>International Journal of River Basin Management</i> , 2020, 18, 39-47.	2.7	10
70	Development of a trapezoidal framework-based model (PCALEP) for partition of land evapotranspiration. <i>Journal of Hydrology</i> , 2020, 589, 124994.	5.4	10
71	Quantitative Assessment of Agricultural Practices on Farmland Evapotranspiration Using EddyCovariance Method and Numerical Modelling. <i>Water Resources Management</i> , 2020, 34, 515-527.	3.9	10
72	Simulation Modeling of Primary Clarifiers. <i>American Society of Civil Engineers, Journal of the Environmental Engineering Division</i> , 1980, 106, 293-309.	0.3	10

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73	Application of nonlinear optimization to water quality. Applied Mathematical Modelling, 1987, 11, 438-446.	4.2	9
74	Statistical analyses of compacted clay landfill liners. Part 1: model development. Canadian Journal of Civil Engineering, 1994, 21, 872-882.	1.3	9
75	Bioconcentration of Dioxins and Furans in Vegetation. Water, Air, and Soil Pollution, 2007, 179, 117-124.	2.4	9
76	Improved Sustainability of Water Supply Options in Areas with Arsenic-Impacted Groundwater. Water (Switzerland), 2013, 5, 1941-1951.	2.7	9
77	Beyond appropriate technology: Social considerations for the sustainable use of Arsenicâ€“Iron Removal Plants in rural Bangladesh. Technology in Society, 2015, 41, 1-9.	9.4	9
78	Using Decision Trees to Predict Drinking Water Advisories in Small Water Systems. Journal - American Water Works Association, 2016, 108, E109.	0.3	9
79	Quantifying Rainfall-Derived Inflow from Private Foundation Drains in Sanitary Sewers: Case Study in London, Ontario, Canada. Journal of Hydrologic Engineering - ASCE, 2019, 24, 05019023.	1.9	9
80	Assessing the effects of end-members determination on regional latent heat flux simulation in trapezoidal framework based model. Agricultural and Forest Meteorology, 2022, 312, 108734.	4.8	9
81	The Role of Large Dams in a Transboundary Drought Management Co-Operation Frameworkâ€“Case Study of the Kabul River Basin. Water (Switzerland), 2021, 13, 2628.	2.7	8
82	Stochastic modeling of the insecticide fenitrothion in water and sediment compartments of a stagnant pond. Water Resources Research, 1987, 23, 1105-1112.	4.2	7
83	First Nations' water sustainability and Security Strategy: Tools and methodologies for community-driven processes for water treatment in Indigenous communities. Technology in Society, 2017, 50, 57-65.	9.4	7
84	Integrating Social Dimensions into Flood Cost Forecasting. Water Resources Management, 2018, 32, 3175-3187.	3.9	7
85	Sponge City: Using the â€œOne Waterâ€“Concept to Improve Understanding of Flood Management Effectiveness. Water (Switzerland), 2021, 13, 583.	2.7	7
86	Kalman Filter Modeling of the Speed River Quality. American Society of Civil Engineers, Journal of the Environmental Engineering Division, 1979, 105, 961-978.	0.3	7
87	Development of a three-source remote sensing model for estimation of urban evapotranspiration. Advances in Water Resources, 2022, 161, 104126.	3.8	7
88	Bayesian model discrimination for BOD analyses. Canadian Journal of Civil Engineering, 1977, 4, 371-379.	1.3	6
89	Diminishing marginal returns for sensor networks in a water distribution system. Journal of Water Supply: Research and Technology - AQUA, 2011, 60, 286-293.	1.4	6
90	Application of parallel computing in data mining for contaminant source identification in water distribution systems. Canadian Water Resources Journal, 2013, 38, 34-39.	1.2	6

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91	Estimation of desertification risk from soil erosion: a case study for Gansu Province, China. Stochastic Environmental Research and Risk Assessment, 2016, 30, 2215-2229.	4.0	6
92	Indigenous water, Indigenous voice – a national water strategy for Canada’s Indigenous communities. Canadian Water Resources Journal, 2017, 42, 248-257.	1.2	6
93	A decade of drinking water advisories: Historical evidence of frequency, duration and causes. Canadian Water Resources Journal, 2017, 42, 378-390.	1.2	6
94	Incorporation of wind roses in a statistical long-range pollution transport model. Water, Air, and Soil Pollution, 1987, 36, 115-130.	2.4	5
95	Preliminary studies into the disinfection of potable water using solar radiation. Canadian Journal of Civil Engineering, 1996, 23, 373-380.	1.3	5
96	SEQUENCE Visualization of Natural Attenuation Trends at Hill Air Force Base, Utah. Bioremediation Journal, 1999, 3, 379-393.	2.0	5
97	Strategy for use of alternative waste sort sizes for characterizing solid waste composition. Waste Management and Research, 2009, 27, 38-45.	3.9	5
98	Modeling formation and control of disinfection byproducts in chlorinated drinking waters. Water Science and Technology: Water Supply, 2010, 10, 730-739.	2.1	5
99	Projected climate conditions to 2100 for Regina, Saskatchewan. Canadian Journal of Civil Engineering, 2010, 37, 1247-1260.	1.3	5
100	Application of risk assessment tools to small drinking water systems in British Columbia. Water Quality Research Journal of Canada, 2011, 46, 332-344.	2.7	5
101	Adaptation Investigations to Respond to Climate Change Projections in Gansu Province, Northern China. Water Resources Management, 2014, 28, 1531-1544.	3.9	5
102	Identification of changes in heavy rainfall events in Ontario, Canada. Stochastic Environmental Research and Risk Assessment, 2015, 29, 1949-1962.	4.0	5
103	Using Probabilistic Neural Networks to Analyze First Nations’s Drinking Water Advisory Data. Journal of Water Resources Planning and Management - ASCE, 2018, 144, .	2.6	5
104	The Effectiveness of Exfiltration Technology to Support Sponge City Objectives. Water (Switzerland), 2019, 11, 723.	2.7	5
105	Moving towards Effective First Nations’s Source Water Protection: Barriers, Opportunities, and a Framework. Water (Switzerland), 2020, 12, 2957.	2.7	5
106	State of watermain infrastructure: a Canadian case study using historic pipe break datasets. Canadian Journal of Civil Engineering, 2021, 48, 1266-1273.	1.3	5
107	Temperature Modeling, a Key to Assessing Impact on Rivers Due to Urbanization and Climate Change. Water (Switzerland), 2022, 14, 1994.	2.7	5
108	Parameter estimation for the first-order BOD equation using nonlinear techniques. Canadian Journal of Civil Engineering, 1977, 4, 462-470.	1.3	4

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109	Evaluation of a bicycle-powered filtration system for removing "clumped" coliform bacteria as a low-tech option for water treatment. <i>Desalination</i> , 2009, 248, 138-143.	8.2	4
110	Supporting a drinking water contaminant warning system using the adenosine triphosphate test. <i>Canadian Journal of Civil Engineering</i> , 2010, 37, 1423-1431.	1.3	4
111	Incorporation of the Multiple Barrier Approach in drinking water risk assessment tools. <i>Journal of Water and Health</i> , 2011, 9, 349-360.	2.6	4
112	A modified trapezoid framework model for partitioning regional evapotranspiration. <i>Hydrological Processes</i> , 2020, 34, 5026-5042.	2.6	4
113	Guidance on field survey programme design for basement flooding assessment. <i>Hydrological Sciences Journal</i> , 2022, 67, 2524-2533.	2.6	4
114	Performance of lot-level low impact development technologies under historical and climate change scenarios. <i>Journal of Hydro-Environment Research</i> , 2021, 38, 4-13.	2.2	4
115	Insights Into Co-Morbidity and Other Risk Factors Related to COVID-19 Within Ontario, Canada. <i>Frontiers in Artificial Intelligence</i> , 2021, 4, 684609.	3.4	4
116	Sustainability Risks of Coastal Cities from Climate Change. <i>The Global Environmental Engineers</i> , 2017, 4, 1-9.	0.3	4
117	Projection of important climate variables in large cities under the CMIP5 RCP scenarios using SDSM and fuzzy downscaling models. <i>Journal of Water and Climate Change</i> , 2021, 12, 1802-1823.	2.9	4
118	Passive Samplers, an Important Tool for Continuous Monitoring of the COVID-19 Pandemic. <i>Environmental Science and Pollution Research</i> , 2022, 29, 32326-32334.	5.3	4
119	Estimation of response surface gradients in multiobjective water resources planning. <i>Water Resources Research</i> , 1976, 12, 592-598.	4.2	3
120	Comment on "Hydrologic estimation and economic regret" by R. U. Jettmar and G. K. Young. <i>Water Resources Research</i> , 1977, 13, 687-688.	4.2	3
121	Comment on "Random differential equations in river water quality modeling" by Brad A. Finney et al.. <i>Water Resources Research</i> , 1983, 19, 1334-1336.	4.2	3
122	Uncertainty analysis of a delineated floodplain. <i>Canadian Journal of Civil Engineering</i> , 1984, 11, 387-395.	1.3	3
123	Impact of alternative housing standards on stormwater management. <i>Canadian Journal of Civil Engineering</i> , 1985, 12, 192-199.	1.3	3
124	Linear regression analyses with censored data: estimation of PAH washout ratios and dry deposition velocities to a snow surface. <i>Canadian Journal of Civil Engineering</i> , 1995, 22, 819-833.	1.3	3
125	Describing variability of MSW composition data with the log-logistic distribution. <i>Waste Management and Research</i> , 2008, 26, 355-361.	3.9	3
126	Assessment of operations and design strategy controls to improve landfill gas utilization opportunities. <i>Canadian Journal of Civil Engineering</i> , 2011, 38, 519-529.	1.3	3

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127	Risk characterization for arsenic-impacted water sources, including ground-truthing. Stochastic Environmental Research and Risk Assessment, 2013, 27, 705-711.	4.0	3
128	Enhancing Confidence in Drinking Water Quality for Improved Risk Decisions. Human and Ecological Risk Assessment (HERA), 2014, 20, 1281-1290.	3.4	3
129	Influence of Headwater Reservoirs on Climate Change Impacts and Flood Frequency in the Kabul River Basin. Canadian Journal of Civil Engineering, 0, , .	1.3	3
130	Assessing the Impact of Pipe Rehabilitation on Decreasing Watermain Break Rates Using Random Survival Forest Models. Journal of Water Resources Planning and Management - ASCE, 2022, 148, .	2.6	3
131	MULTI-STAGE OUTLET DESIGN OF STORMWATER RETENTION FACILITIES. Canadian Water Resources Journal, 1981, 6, 25-50.	1.2	2
132	The impact of gas extraction on landfill-generated methane gas levels. Water, Air, and Soil Pollution, 1981, 16, 55-66.	2.4	2
133	A METHODOLOGY FOR POLLUTION CONTROL DECISION ANALYSIS. Canadian Water Resources Journal, 1983, 8, 64-87.	1.2	2
134	Forecasting Relative Price Movements for Project Evaluation. Water Resources Research, 1984, 20, 1327-1330.	4.2	2
135	Measurement of Quality of Teaching and Courses by a Single Question Versus a Weighted Set. European Journal of Engineering Education, 1987, 12, 329-335.	2.3	2
136	Nonlinear optimization modeling of coliform bacteria. Water, Air, and Soil Pollution, 1987, 32, 183.	2.4	2
137	Multi-day flow forecasting using the Kalman filter. Canadian Journal of Civil Engineering, 1991, 18, 320-327.	1.3	2
138	Retrofitting arsenic-iron removal plants in rural Bangladesh for performance enhancement. Journal of Water Sanitation and Hygiene for Development, 2014, 4, 400-409.	1.8	2
139	Insights into the challenges of risk characterization using drinking water safety plans. Canadian Journal of Civil Engineering, 2017, 44, 321-328.	1.3	2
140	Community-based operator training and appropriate certification regimes for Indigenous water and wastewater systems. Canadian Water Resources Journal, 2017, 42, 237-247.	1.2	2
141	Water Security Implications in the 21st Century for Coastal Cities: The Imperative Need for Action. Journal of Water Resources Planning and Management - ASCE, 2020, 146, 02520003.	2.6	2
142	Evapotranspiration partitioning based on field-stable oxygen isotope observations for an urban locust forest land. Ecohydrology, 2022, 15, .	2.4	2
143	Mathematical efficiency concerns in water distribution network considerations. Canadian Journal of Civil Engineering, 1980, 7, 78-83.	1.3	1
144	Relationship between professor and course ratings as measured by student responses. European Journal of Engineering Education, 1983, 7, 393-402.	2.3	1

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145	Detectability of step trends in the rate of atmospheric sulphate deposition. <i>Water, Air, and Soil Pollution</i> , 1989, 44, 31-41.	2.4	1
146	Information measures for acid precipitation networks. <i>Water, Air, and Soil Pollution</i> , 1990, 53, 33.	2.4	1
147	CALIFORNIA'S EMERGENCY WATER BANK: POTENTIAL FOR ENVIRONMENTAL IMPACTS. <i>Canadian Water Resources Journal</i> , 1995, 20, 171-184.	1.2	1
148	A field-based procedure for determining number of waste sorts for solid waste characterization. <i>Journal of Environmental Engineering and Science</i> , 2008, 7, 259-262.	0.8	1
149	Reply to comment on "Using Bayesian Statistics to Estimate the Coefficients Of a Two-Component Second-order Chlorine Bulk Decay Model for a Water Distribution System" by Huang, J.J., McBean E.A. <i>Water Res.</i> (2007). <i>Water Research</i> , 2011, 45, 2355-2357.	11.3	1
150	Assessing the Impact of Alternative Responses to COVID-19: Stopping the Spread in Newfoundland and Labrador, Canada. <i>Canadian Journal of Electrical and Computer Engineering</i> , 2021, 44, 238-245.	2.0	1
151	Evaluation of Risk Assessment Tools to Predict Canadian Waterborne Disease Outbreaks. <i>Water Quality Research Journal of Canada</i> , 2010, 45, 1-11.	2.7	1
152	Septic System Impacts on Source Water: Two Novel Field Tracer Experiments in Fractured Sedimentary Bedrock. <i>Sustainability</i> , 2022, 14, 1959.	3.2	1
153	A screening model for heated discharge siting investigations. <i>Canadian Journal of Civil Engineering</i> , 1978, 5, 239-249.	1.3	0
154	Issues in simulation model design " A case study. <i>Journal of Hydrology</i> , 1981, 51, 205-218.	5.4	0
155	Influence assessment of landfill gas pumping. <i>Water, Air, and Soil Pollution</i> , 1984, 22, 227.	2.4	0
156	A linear programming screening model for the Grand River Basin. <i>Canadian Journal of Civil Engineering</i> , 1985, 12, 301-306.	1.3	0
157	Modeling of evaporation of water into a sub-zero air stream. <i>Cold Regions Science and Technology</i> , 1986, 12, 95-97.	3.5	0
158	Alternatives for Identifying Statistically Significant Differences. <i>Developments in Water Science</i> , 1986, 27, 326-334.	0.1	0
159	Work-term Effectiveness in Co-operative Civil Engineering Education. <i>Journal of Professional Issues in Engineering - ASCE</i> , 1986, 112, 296-305.	0.0	0
160	Student Evaluation of the Tutorial System in Engineering Programmes. <i>European Journal of Engineering Education</i> , 1987, 12, 343-352.	2.3	0
161	Modeling spills on grass and impermeable surfaces. <i>Canadian Journal of Civil Engineering</i> , 1992, 19, 906-911.	1.3	0
162	Reply: Modeling spills on grass and impermeable surfaces. <i>Canadian Journal of Civil Engineering</i> , 1993, 20, 1078-1079.	1.3	0

#	ARTICLE	IF	CITATIONS
163	Discussion: Statistical Sample Size for Construction of Soil Liners. Journal of Geotechnical Engineering, 1996, 122, 170-172.	0.4	0
164	Influence of Opening Up Daycare and Day Camps on Resurgence Potential of COVID-19 Pandemic: Assessing Infectivity Potential From Youth in Ontario, Canada. IEEE Transactions on Computational Social Systems, 2021, 8, 1052-1060.	4.4	0