

Edward A Mcbean

List of Publications by Year in descending order

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Version: 2024-02-01

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	Guidance on field survey programme design for basement flooding assessment. Hydrological Sciences Journal, 2022, 67, 2524-2533.	2.6	4
2	Early detection of riverine flooding events using the group method of data handling for the Bow River, Alberta, Canada. International Journal of River Basin Management, 2022, 20, 533-544.	2.7	14
3	Passive sampling, a practical method for wastewater-based surveillance of SARS-CoV-2. Environmental Research, 2022, 204, 112058.	7.5	35
4	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
5	An enhanced shuttleworth-wallace model for simulation of evapotranspiration and its components. Agricultural and Forest Meteorology, 2022, 313, 108769.	4.8	13
6	Development of a three-source remote sensing model for estimation of urban evapotranspiration. Advances in Water Resources, 2022, 161, 104126.	3.8	7
7	Passive Samplers, an Important Tool for Continuous Monitoring of the COVID-19 Pandemic. Environmental Science and Pollution Research, 2022, 29, 32326-32334.	5.3	4
8	Septic System Impacts on Source Water: Two Novel Field Tracer Experiments in Fractured Sedimentary Bedrock. Sustainability, 2022, 14, 1959.	3.2	1
9	Assessing the impact of urbanization on urban evapotranspiration and its components using a novel four-source energy balance model. Agricultural and Forest Meteorology, 2022, 316, 108853.	4.8	12
10	Evapotranspiration partitioning based on field-stable oxygen isotope observations for an urban locust forest land. Ecohydrology, 2022, 15, .	2.4	2
11	Temperature Modeling, a Key to Assessing Impact on Rivers Due to Urbanization and Climate Change. Water (Switzerland), 2022, 14, 1994.	2.7	5
12	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
13	Assessing the Impact of Alternative Responses to COVID-19: Stopping the Spread in Newfoundland and Labrador, Canada. Canadian Journal of Electrical and Computer Engineering, 2021, 44, 238-245.	2.0	1
14	Sponge City: Using the "One Water" Concept to Improve Understanding of Flood Management Effectiveness. Water (Switzerland), 2021, 13, 583.	2.7	7
15	Asymptomatic Cases, the Hidden Challenge in Predicting COVID-19 Caseload Increases. Infectious Disease Reports, 2021, 13, 340-347.	3.1	18
16	Evaluation of alternative two-source remote sensing models in partitioning of land evapotranspiration. Journal of Hydrology, 2021, 597, 126029.	5.4	21
17	Identification of Variable Importance for Predictions of Mortality From COVID-19 Using AI Models for Ontario, Canada. Frontiers in Public Health, 2021, 9, 675766.	2.7	14
18	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

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19	Combining Machine Learning and Survival Statistics to Predict Remaining Service Life of Watermains. <i>Journal of Infrastructure Systems</i> , 2021, 27, .	1.8	13
20	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
21	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
22	The Role of Large Dams in a Transboundary Drought Management Co-Operation Frameworkâ€”Case Study of the Kabul River Basin. <i>Water (Switzerland)</i> , 2021, 13, 2628.	2.7	8
23	State of watermain infrastructure: a Canadian case study using historic pipe break datasets. <i>Canadian Journal of Civil Engineering</i> , 2021, 48, 1266-1273.	1.3	5
24	Projection of important climate variables in large cities under the CMIP5â€™RCP scenarios using SDSM and fuzzy downscaling models. <i>Journal of Water and Climate Change</i> , 2021, 12, 1802-1823.	2.9	4
25	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
26	Assessment of climate change under CMIP5-RCP scenarios on downstream rivers glaciers â€™ Sardabrud River of Alam-Kuh glacier, Iran. <i>International Journal of River Basin Management</i> , 2020, 18, 39-47.	2.7	10
27	Improving Urban Water Security through Pipe-Break Prediction Models: Machine Learning or Survival Analysis. <i>Journal of Environmental Engineering, ASCE</i> , 2020, 146, .	1.4	52
28	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
29	Partitioning of daily evapotranspiration using a modified shuttleworth-wallace model, random Forest and support vector regression, for a cabbage farmland. <i>Agricultural Water Management</i> , 2020, 228, 105923.	5.6	57
30	A modified trapezoid framework model for partitioning regional evapotranspiration. <i>Hydrological Processes</i> , 2020, 34, 5026-5042.	2.6	4
31	Moving towards Effective First Nationsâ€™ Source Water Protection: Barriers, Opportunities, and a Framework. <i>Water (Switzerland)</i> , 2020, 12, 2957.	2.7	5
32	Watermain breaks and data: the intricate relationship between data availability and accuracy of predictions. <i>Urban Water Journal</i> , 2020, 17, 163-176.	2.1	27
33	Development of a trapezoidal framework-based model (PCALEP) for partition of land evapotranspiration. <i>Journal of Hydrology</i> , 2020, 589, 124994.	5.4	10
34	Water Security Implications in the 21st Century for Coastal Cities: The Imperative Need for Action. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2020, 146, 02520003.	2.6	2
35	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
36	Wastewater impacts on groundwater at a fractured sedimentary bedrock site in Ontario, Canada: implications for First Nationsâ€™ source-water protection. <i>Hydrogeology Journal</i> , 2019, 27, 2739-2753.	2.1	11

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37	Quantifying Rainfall-Derived Inflow from Private Foundation Drains in Sanitary Sewers: Case Study in London, Ontario, Canada. <i>Journal of Hydrologic Engineering - ASCE</i> , 2019, 24, 05019023.	1.9	9
38	The Effectiveness of Exfiltration Technology to Support Sponge City Objectives. <i>Water (Switzerland)</i> , 2019, 11, 723.	2.7	5
39	Ecological network analysis of an urban water metabolic system based on input-output model: A case study of Guangdong, China. <i>Science of the Total Environment</i> , 2019, 670, 369-378.	8.0	49
40	Integrating Social Dimensions into Flood Cost Forecasting. <i>Water Resources Management</i> , 2018, 32, 3175-3187.	3.9	7
41	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
42	Using Probabilistic Neural Networks to Analyze First Nations's Drinking Water Advisory Data. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2018, 144, .	2.6	5
43	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
44	Insights into the challenges of risk characterization using drinking water safety plans. <i>Canadian Journal of Civil Engineering</i> , 2017, 44, 321-328.	1.3	2
45	Community-based operator training and appropriate certification regimes for Indigenous water and wastewater systems. <i>Canadian Water Resources Journal</i> , 2017, 42, 237-247.	1.2	2
46	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
47	First Nations' water sustainability and Security Strategy: Tools and methodologies for community-driven processes for water treatment in Indigenous communities. <i>Technology in Society</i> , 2017, 50, 57-65.	9.4	7
48	Indigenous water, Indigenous voice – a national water strategy for Canada's Indigenous communities. <i>Canadian Water Resources Journal</i> , 2017, 42, 248-257.	1.2	6
49	A decade of drinking water advisories: Historical evidence of frequency, duration and causes. <i>Canadian Water Resources Journal</i> , 2017, 42, 378-390.	1.2	6
50	Sustainability Risks of Coastal Cities from Climate Change. <i>The Global Environmental Engineers</i> , 2017, 4, 1-9.	0.3	4
51	Estimating Tortuosity Coefficients Based on Hydraulic Conductivity. <i>Ground Water</i> , 2016, 54, 476-487.	1.3	16
52	Using Decision Trees to Predict Drinking Water Advisories in Small Water Systems. <i>Journal - American Water Works Association</i> , 2016, 108, E109.	0.3	9
53	Estimation of desertification risk from soil erosion: a case study for Gansu Province, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016, 30, 2215-2229.	4.0	6
54	Prediction of Timing of Watermain Failure Using Gene Expression Models. <i>Water Resources Management</i> , 2016, 30, 1635-1651.	3.9	48

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55	Using Data Mining to Understand Drinking Water Advisories in Small Water Systems: a Case Study of Ontario First Nations Drinking Water Supplies. <i>Water Resources Management</i> , 2015, 29, 5129-5139.	3.9	21
56	Beyond appropriate technology: Social considerations for the sustainable use of Arsenic-iron Removal Plants in rural Bangladesh. <i>Technology in Society</i> , 2015, 41, 1-9.	9.4	9
57	A critical review of arsenic exposures for Bangladeshi adults. <i>Science of the Total Environment</i> , 2015, 527-528, 540-551.	8.0	50
58	Human health risk assessment from arsenic exposures in Bangladesh. <i>Science of the Total Environment</i> , 2015, 527-528, 552-560.	8.0	81
59	Identification of changes in heavy rainfall events in Ontario, Canada. <i>Stochastic Environmental Research and Risk Assessment</i> , 2015, 29, 1949-1962.	4.0	5
60	A risk-based approach to sanitary sewer pipe asset management. <i>Science of the Total Environment</i> , 2015, 505, 1011-1017.	8.0	66
61	Retrofitting arsenic-iron removal plants in rural Bangladesh for performance enhancement. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2014, 4, 400-409.	1.8	2
62	Predicting the Timing of Water Main Failure Using Artificial Neural Networks. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2014, 140, 425-434.	2.6	59
63	Enhancing Confidence in Drinking Water Quality for Improved Risk Decisions. <i>Human and Ecological Risk Assessment (HERA)</i> , 2014, 20, 1281-1290.	3.4	3
64	Adaptation Investigations to Respond to Climate Change Projections in Gansu Province, Northern China. <i>Water Resources Management</i> , 2014, 28, 1531-1544.	3.9	5
65	In situ treatment of arsenic-contaminated groundwater by air sparging. <i>Journal of Contaminant Hydrology</i> , 2014, 159, 20-35.	3.3	23
66	A Virtual Water Assessment Methodology for Cropping Pattern Investigation. <i>Water Resources Management</i> , 2014, 28, 2331-2349.	3.9	16
67	Theory and implementation of coalitional analysis in cooperative decision making. <i>Theory and Decision</i> , 2014, 76, 147-171.	1.0	11
68	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
69	Estimating water content in an active landfill with the aid of GPR. <i>Waste Management</i> , 2013, 33, 2015-2028.	7.4	17
70	Risk characterization for arsenic-impacted water sources, including ground-truthing. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013, 27, 705-711.	4.0	3
71	Forecasting watermain failure using artificial neural network modelling. <i>Canadian Water Resources Journal</i> , 2013, 38, 24-33.	1.2	49
72	Theory and application of conflict resolution with hybrid preference in colored graphs. <i>Applied Mathematical Modelling</i> , 2013, 37, 989-1003.	4.2	14

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73	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
74	Improved Sustainability of Water Supply Options in Areas with Arsenic-Impacted Groundwater. Water (Switzerland), 2013, 5, 1941-1951.	2.7	9
75	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
76	Analyzing volatile organic siloxanes in landfill biogas. Canadian Journal of Civil Engineering, 2012, 39, 667-673.	1.3	10
77	Evaluating technological resilience of small drinking water systems under the projected changes of climate. Journal of Water and Climate Change, 2012, 3, 110-124.	2.9	10
78	False Negative/Positive Issues in Contaminant Source Identification for Water-Distribution Systems. Journal of Water Resources Planning and Management - ASCE, 2012, 138, 230-236.	2.6	10
79	Battle of the Water Calibration Networks. Journal of Water Resources Planning and Management - ASCE, 2012, 138, 523-532.	2.6	134
80	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
81	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. Water Res. (2007). Water Research, 2011, 45, 2355-2357.	11.3	1
82	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
83	Assessment of operations and design strategy controls to improve landfill gas utilization opportunities. Canadian Journal of Civil Engineering, 2011, 38, 519-529.	1.3	3
84	Virus removal efficiency of Cambodian ceramic pot water purifiers. Journal of Water and Health, 2011, 9, 306-311.	2.6	26
85	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
86	Incorporation of the Multiple Barrier Approach in drinking water risk assessment tools. Journal of Water and Health, 2011, 9, 349-360.	2.6	4
87	Modeling formation and control of disinfection byproducts in chlorinated drinking waters. Water Science and Technology: Water Supply, 2010, 10, 730-739.	2.1	5
88	Supporting a drinking water contaminant warning system using the adenosine triphosphate test. Canadian Journal of Civil Engineering, 2010, 37, 1423-1431.	1.3	4
89	Projected climate conditions to 2100 for Regina, Saskatchewan. Canadian Journal of Civil Engineering, 2010, 37, 1247-1260.	1.3	5
90	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

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91	Nitrification, denitrification and ammonification in point-of-use biosand filters in rural Cambodia. <i>Journal of Water and Health</i> , 2010, 8, 803-817.	2.6	30
92	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
93	Strategy for use of alternative waste sort sizes for characterizing solid waste composition. <i>Waste Management and Research</i> , 2009, 27, 38-45.	3.9	5
94	An assessment of long-term trends in hydrologic components and implications for water levels in Lake Superior. <i>Hydrology Research</i> , 2009, 40, 564-579.	2.7	46
95	Appropriate technology – A comprehensive approach for water and sanitation in the developing world. <i>Technology in Society</i> , 2009, 31, 158-167.	9.4	113
96	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
97	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
98	Data Mining to Identify Contaminant Event Locations in Water Distribution Systems. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2009, 135, 466-474.	2.6	42
99	Siloxanes in biogases from landfills and wastewater digesters. <i>Canadian Journal of Civil Engineering</i> , 2008, 35, 431-436.	1.3	75
100	The Battle of the Water Sensor Networks (BWSN): A Design Challenge for Engineers and Algorithms. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2008, 134, 556-568.	2.6	464
101	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
102	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
103	Describing variability of MSW composition data with the log-logistic distribution. <i>Waste Management and Research</i> , 2008, 26, 355-361.	3.9	3
104	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
105	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
106	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
107	A methodology for solid waste characterization based on diminishing marginal returns. <i>Waste Management</i> , 2007, 27, 337-344.	7.4	58
108	Bioconcentration of Dioxins and Furans in Vegetation. <i>Water, Air, and Soil Pollution</i> , 2007, 179, 117-124.	2.4	9

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109	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
110	PAH deposition to snow surface. Environmental Science and Pollution Research, 2001, 8, 11-18.	5.3	25
111	SEQUENCE Visualization of Natural Attenuation Trends at Hill Air Force Base, Utah. Bioremediation Journal, 1999, 3, 379-393.	2.0	5
112	Water Quality Modeling of the Kali River, India. Water, Air, and Soil Pollution, 1998, 102, 91-103.	2.4	34
113	Preliminary studies into the disinfection of potable water using solar radiation. Canadian Journal of Civil Engineering, 1996, 23, 373-380.	1.3	5
114	Discussion: Statistical Sample Size for Construction of Soil Liners. Journal of Geotechnical Engineering, 1996, 122, 170-172.	0.4	0
115	Linear regression analyses with censored data: estimation of PAH washout ratios and dry deposition velocities to a snow surface. Canadian Journal of Civil Engineering, 1995, 22, 819-833.	1.3	3
116	CALIFORNIA'S EMERGENCY WATER BANK: POTENTIAL FOR ENVIRONMENTAL IMPACTS. Canadian Water Resources Journal, 1995, 20, 171-184.	1.2	1
117	Statistical analyses of compacted clay landfill liners. Part 1: model development. Canadian Journal of Civil Engineering, 1994, 21, 872-882.	1.3	9
118	Reply: Modeling spills on grass and impermeable surfaces. Canadian Journal of Civil Engineering, 1993, 20, 1078-1079.	1.3	0
119	A Forecast Model of Refuse Tonnage With Recapture and Uncertainty Bounds. Waste Management and Research, 1993, 11, 373-385.	3.9	25
120	Temporal characterization of municipal solid waste leachate. Canadian Journal of Civil Engineering, 1992, 19, 668-679.	1.3	15
121	Modeling spills on grass and impermeable surfaces. Canadian Journal of Civil Engineering, 1992, 19, 906-911.	1.3	0
122	DISCHARGE CHARACTERISTICS OF PERFORATED PIPE FOR USE IN INFILTRATION TRENCHES. Journal of the American Water Resources Association, 1992, 28, 517-524.	2.4	10
123	Multi-day flow forecasting using the Kalman filter. Canadian Journal of Civil Engineering, 1991, 18, 320-327.	1.3	2
124	Information measures for acid precipitation networks. Water, Air, and Soil Pollution, 1990, 53, 33.	2.4	1
125	Detectability of step trends in the rate of atmospheric sulphate deposition. Water, Air, and Soil Pollution, 1989, 44, 31-41.	2.4	1
126	Stochastic models for first-order kinetics of biochemical oxygen demand with random initial conditions, inputs, and coefficients. Applied Mathematical Modelling, 1988, 12, 565-572.	4.2	17

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127	Flood Depth-Damage Curves By Interview Survey. Journal of Water Resources Planning and Management - ASCE, 1988, 114, 613-634.	2.6	24
128	Adjustment Factors for Flood Damage Curves. Journal of Water Resources Planning and Management - ASCE, 1988, 114, 635-646.	2.6	32
129	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
130	Student Evaluation of the Tutorial System in Engineering Programmes. European Journal of Engineering Education, 1987, 12, 343-352.	2.3	0
131	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
132	Behaviour and transport of oil under smooth ice. Canadian Journal of Civil Engineering, 1987, 14, 510-518.	1.3	10
133	Incorporation of wind roses in a statistical long-range pollution transport model. Water, Air, and Soil Pollution, 1987, 36, 115-130.	2.4	5
134	Nonlinear optimization modeling of coliform bacteria. Water, Air, and Soil Pollution, 1987, 32, 183.	2.4	2
135	Application of nonlinear optimization to water quality. Applied Mathematical Modelling, 1987, 11, 438-446.	4.2	9
136	A critical analysis of residential flood damage estimation curves. Canadian Journal of Civil Engineering, 1986, 13, 86-94.	1.3	18
137	Modeling of evaporation of water into a sub-zero air stream. Cold Regions Science and Technology, 1986, 12, 95-97.	3.5	0
138	Stochastic model of first-order bod kinetics. Water Research, 1986, 20, 625-632.	11.3	22
139	Alternatives for Identifying Statistically Significant Differences. Developments in Water Science, 1986, 27, 326-334.	0.1	0
140	Linear stochastic optimization applied to biochemical oxygen demand dissolved oxygen modelling. Canadian Journal of Civil Engineering, 1986, 13, 249-254.	1.3	11
141	Work-Term Effectiveness in Co-Operative Civil Engineering Education. Journal of Professional Issues in Engineering - ASCE, 1986, 112, 296-305.	0.0	0
142	Pricing and Expansion of a Water Supply System. Journal of Water Resources Planning and Management - ASCE, 1985, 111, 24-42.	2.6	13
143	A linear programming screening model for the Grand River Basin. Canadian Journal of Civil Engineering, 1985, 12, 301-306.	1.3	0
144	Impact of alternative housing standards on stormwater management. Canadian Journal of Civil Engineering, 1985, 12, 192-199.	1.3	3

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145	Optimization Modeling of Water Quality in an Uncertain Environment. Water Resources Research, 1985, 21, 934-940.	4.2	89
146	Uncertainty analysis of a delineated floodplain. Canadian Journal of Civil Engineering, 1984, 11, 387-395.	1.3	3
147	Influence assessment of landfill gas pumping. Water, Air, and Soil Pollution, 1984, 22, 227.	2.4	0
148	Forecasting Relative Price Movements for Project Evaluation. Water Resources Research, 1984, 20, 1327-1330.	4.2	2
149	Relationship between professor and course ratings as measured by student responses. European Journal of Engineering Education, 1983, 7, 393-402.	2.3	1
150	Comment on "Random differential equations in river water quality modeling" by Brad A. Finney et al.. Water Resources Research, 1983, 19, 1334-1336.	4.2	3
151	A METHODOLOGY FOR POLLUTION CONTROL DECISION ANALYSIS. Canadian Water Resources Journal, 1983, 8, 64-87.	1.2	2
152	Stochastic estimation of states in unconfined aquifers subject to artificial recharge. Water Resources Research, 1982, 18, 1519-1530.	4.2	12
153	Issues in simulation model design " A case study. Journal of Hydrology, 1981, 51, 205-218.	5.4	0
154	MULTI-STAGE OUTLET DESIGN OF STORMWATER RETENTION FACILITIES. Canadian Water Resources Journal, 1981, 6, 25-50.	1.2	2
155	The impact of gas extraction on landfill-generated methane gas levels. Water, Air, and Soil Pollution, 1981, 16, 55-66.	2.4	2
156	Mathematical efficiency concerns in water distribution network considerations. Canadian Journal of Civil Engineering, 1980, 7, 78-83.	1.3	1
157	Simulation Modeling of Primary Clarifiers. American Society of Civil Engineers, Journal of the Environmental Engineering Division, 1980, 106, 293-309.	0.3	10
158	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
159	A screening model for heated discharge siting investigations. Canadian Journal of Civil Engineering, 1978, 5, 239-249.	1.3	0
160	Parameter estimation for the first-order BOD equation using nonlinear techniques. Canadian Journal of Civil Engineering, 1977, 4, 462-470.	1.3	4
161	Bayesian model discrimination for BOD analyses. Canadian Journal of Civil Engineering, 1977, 4, 371-379.	1.3	6
162	Comment on "Hydrologic estimation and economic regret" by R. U. Jettmar and G. K. Young. Water Resources Research, 1977, 13, 687-688.	4.2	3

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163	Estimation of response surface gradients in multiobjective water resources planning. <i>Water Resources Research</i> , 1976, 12, 592-598.	4.2	3
164	Influence of Headwater Reservoirs on Climate Change Impacts and Flood Frequency in the Kabul River Basin. <i>Canadian Journal of Civil Engineering</i> , 0, , .	1.3	3