Kasun Hewage

List of Publications by Year
in descending order

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155 papers	5,909 citations	94433 37 h-index	88630 70 g-index
157 all docs	157 docs citations	157 times ranked	5232 citing authors

#	Article	IF	Citations
1	An overview of construction and demolition waste management in Canada: a lifecycle analysis approach to sustainability. Clean Technologies and Environmental Policy, 2013, 15, 81-91.	4.1	373
2	Life cycle performance of modular buildings: A critical review. Renewable and Sustainable Energy Reviews, 2016, 62, 1171-1183.	16.4	358
3	Multiple stakeholders in multi-criteria decision-making in the context of Municipal Solid Waste Management: A review. Waste Management, 2015, 35, 318-328.	7.4	267
4	Improving the energy efficiency of the existing building stock: A critical review of commercial and institutional buildings. Renewable and Sustainable Energy Reviews, 2016, 53, 1032-1045.	16.4	261
5	Probabilistic social cost-benefit analysis for green roofs: A lifecycle approach. Building and Environment, 2012, 58, 152-162.	6.9	191
6	Development of performance criteria for sustainability evaluation of modular versus conventional construction methods. Journal of Cleaner Production, 2017, 142, 3592-3606.	9.3	179
7	Sustainability assessment of flooring systems in the city of Tehran: An AHP-based life cycle analysis. Construction and Building Materials, 2011, 25, 2053-2066.	7.2	159
8	Renewable energy selection for net-zero energy communities: Life cycle based decision making under uncertainty. Renewable Energy, 2019, 130, 558-573.	8.9	142
9	Sustainable procurement in the Canadian construction industry: current practices, drivers and opportunities. Journal of Cleaner Production, 2015, 109, 305-314.	9.3	120
10	â€˜Socializingâ€™ sustainability: a critical review on current development status of social life cycle impact assessment method. Clean Technologies and Environmental Policy, 2015, 17, 579-596.	4.1	117
11	Environmental and economic aspects of production and utilization of RDF as alternative fuel in cement plants: A case study of Metro Vancouver Waste Management. Resources, Conservation and Recycling, 2013, 81, 105-114.	10.8	112
12	Conventional versus modular construction methods: A comparative cradle-to-gate LCA for residential buildings. Energy and Buildings, 2019, 204, 109479.	6.7	112
13	A Method of Measuring Uncertainty for Z-Number. IEEE Transactions on Fuzzy Systems, 2019, 27, 731-738.	9.8	109
14	Prioritization of unregulated disinfection by-products in drinking water distribution systems for human health risk mitigation: A critical review. Water Research, 2018, 147, 112-131.	11.3	108
15	Environmental assessment under uncertainty using Dempsterâ€“Shafer theory and Z-numbers. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 2041-2060.	4.9	105
16	Life cycle sustainability performance assessment framework for residential modular buildings: Aggregated sustainability indices. Building and Environment, 2018, 138, 21-41.	6.9	99
17	Comparative life-cycle assessment of traditional and emerging oily sludge treatment approaches. Journal of Cleaner Production, 2020, 251, 119594.	9.3	97
18	AHP based life cycle sustainability assessment (LCSA) framework: a case study of six storey wood frame and concrete frame buildings in Vancouver. Journal of Environmental Planning and Management, 2015, 58, 1217-1241.	4.5	86

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19	Emergy-based life cycle assessment (Em-LCA) for sustainability appraisal of infrastructure systems: a case study on paved roads. Clean Technologies and Environmental Policy, 2014, 16, 251-266.	4.1	82
20	Waterâ€“Energyâ€“Carbon Nexus Modeling for Urban Water Systems: System Dynamics Approach. Journal of Water Resources Planning and Management - ASCE, 2017, 143, .	2.6	82
21	Economic evaluation of building energy retrofits: A fuzzy based approach. Energy and Buildings, 2017, 139, 395-406.	6.7	77
22	Generating Z-number based on OWA weights using maximum entropy. International Journal of Intelligent Systems, 2018, 33, 1745-1755.	5.7	76
23	Sustainability assessment framework for small-sized urban neighbourhoods: An application of fuzzy synthetic evaluation. Sustainable Cities and Society, 2018, 36, 21-32.	10.4	70
24	Renewable energy integration into community energy systems: A case study of new urban residential development. Journal of Cleaner Production, 2018, 173, 292-307.	9.3	65
25	BIM-based life cycle environmental performance assessment of single-family houses: Renovation and reconstruction strategies for aging building stock in British Columbia. Journal of Cleaner Production, 2020, 250, 119543.	9.3	61
26	Emergy-based life cycle assessment (Em-LCA) of multi-unit and single-family residential buildings in Canada. International Journal of Sustainable Built Environment, 2014, 3, 207-224.	3.2	60
27	Review of Contemporary Construction Procurement Practices. Journal of Management in Engineering - ASCE, 2015, 31, .	4.8	60
28	Assessment of renewable energy-based strategies for net-zero energy communities: A planning model using multi-objective goal programming. Journal of Cleaner Production, 2020, 272, 122886.	9.3	59
29	Life cycle sustainability assessment (LCSA) for selection of sewer pipe materials. Clean Technologies and Environmental Policy, 2015, 17, 973-992.	4.1	54
30	Optimal renewable energy supply choices for net-zero ready buildings: A life cycle thinking approach under uncertainty. Energy and Buildings, 2019, 201, 70-89.	6.7	49
31	Sustainable procurement in the Canadian construction industry: challenges and benefits. Canadian Journal of Civil Engineering, 2015, 42, 417-426.	1.3	46
32	Microbial quality of reclaimed water for urban reuses: Probabilistic risk-based investigation and recommendations. Science of the Total Environment, 2017, 576, 738-751.	8.0	46
33	Heavy metals risk assessment in drinking water: An integrated probabilistic-fuzzy approach. Journal of Environmental Management, 2019, 250, 109514.	7.8	44
34	Waste-to-hydrogen technologies: A critical review of techno-economic and socio-environmental sustainability. International Journal of Hydrogen Energy, 2022, 47, 5842-5870.	7.1	44
35	Multi-period maintenance planning for public buildings: A risk based approach for climate conscious operation. Journal of Cleaner Production, 2018, 170, 1338-1353.	9.3	40
36	Life cycle assessment of low-temperature thermal desorption-based technologies for drill cuttings treatment. Journal of Hazardous Materials, 2021, 401, 123865.	12.4	40

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37	Sustainability assessment of roadway projects under uncertainty using Green Proforma: An index-based approach. International Journal of Sustainable Built Environment, 2016, 5, 604-619.	3.2	39
38	Opportunities and challenges in energy demand reduction for Canadian residential sector: A review. Renewable and Sustainable Energy Reviews, 2018, 82, 2005-2016.	16.4	39
39	Evaluation of financial incentives for green buildings in Canadian landscape. Renewable and Sustainable Energy Reviews, 2021, 135, 110199.	16.4	39
40	Spatial life cycle sustainability assessment: a conceptual framework for net-zero buildings. Clean Technologies and Environmental Policy, 2015, 17, 2243-2253.	4.1	38
41	Low-temperature thermal desorption and secure landfill for oil-based drill cuttings management: Pollution control, human health risk, and probabilistic cost assessment. Journal of Hazardous Materials, 2021, 410, 124570.	12.4	38
42	Fit-for-purpose wastewater treatment: Conceptualization to development of decision support tool (I). Science of the Total Environment, 2017, 607-608, 600-612.	8.0	37
43	Fuzzy cognitive maps in systems risk analysis: a comprehensive review. Complex & Intelligent Systems, 2021, 7, 621-637.	6.5	37
44	A fuzzy-based approach for characterization of uncertainties inÂemergy synthesis: an example of paved road system. Journal of Cleaner Production, 2013, 59, 99-110.	9.3	36
45	Impacts of neighborhood densification on water-energy-carbon nexus: Investigating water distribution and residential landscaping system. Journal of Cleaner Production, 2017, 156, 786-795.	9.3	36
46	To retrofit or not? Making energy retrofit decisions through life cycle thinking for Canadian residences. Energy and Buildings, 2020, 226, 110393.	6.7	36
47	Project deployment strategies for community renewable energy: A dynamic multi-period planning approach. Renewable Energy, 2020, 152, 237-258.	8.9	36
48	An overview of air emission intensities and environmental performance of grey cement manufacturing in Canada. Clean Technologies and Environmental Policy, 2014, 16, 1119-1131.	4.1	35
49	Green blasting policy: Simultaneous forecast of vertical and horizontal distribution of dust emissions using artificial causality-weighted neural network. Journal of Cleaner Production, 2021, 283, 124562.	9.3	34
50	Sustainability assessment framework for low rise commercial buildings: life cycle impact index-based approach. Clean Technologies and Environmental Policy, 2016, 18, 2579-2590.	4.1	33
51	Investigating the impacts of urban densification on buried water infrastructure through DPSIR framework. Journal of Cleaner Production, 2020, 259, 120897.	9.3	33
52	The impacts of decision uncertainty on municipal solid waste management. Journal of Environmental Management, 2017, 197, 305-315.	7.8	31
53	Air Pollution Risk Assessment Using a Hybrid Fuzzy Intelligent Probability-Based Approach: Mine Blasting Dust Impacts. Natural Resources Research, 2021, 30, 2607-2627.	4.7	31
54	Performance of low-impact development best management practices: a critical review. Environmental Reviews, 2019, 27, 17-42.	4.5	29

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55	Emergy accounting for regional studies: Case study of Canada and its provinces. Journal of Environmental Management, 2013, 118, 177-185.	7.8	28
56	Intelligent computational techniques in marine oil spill management: A critical review. Journal of Hazardous Materials, 2021, 419, 126425.	12.4	28
57	Analyzing energy options for small-scale off-grid communities: A Canadian case study. Journal of Cleaner Production, 2020, 249, 119320.	9.3	27
58	Human health risk-based life cycle assessment of drinking water treatment for heavy metal(loids) removal. Journal of Cleaner Production, 2020, 267, 121980.	9.3	27
59	Selecting Sustainability Indicators for Small to Medium Sized Urban Water Systems Using Fuzzyâ€ELECTRE. Water Environment Research, 2017, 89, 238-249.	2.7	26
60	Prospects of integrating carbon capturing into community scale energy systems. Renewable and Sustainable Energy Reviews, 2020, 133, 110193.	16.4	26
61	Smart city and resilient city: Differences and connections. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2020, 10, e1388.	6.8	26
62	Carbon capturing for emissions reduction at building level: A market assessment from a building management perspective. Journal of Cleaner Production, 2021, 294, 126323.	9.3	26
63	Investigating the effects of design and management factors on DBPs levels in indoor aquatic centres. Science of the Total Environment, 2019, 651, 775-786.	8.0	25
64	Selection of oil spill response method in Arctic offshore waters: A fuzzy decision tree based framework. Marine Pollution Bulletin, 2020, 161, 111705.	5.0	25
65	Drinking water quality assessment in distribution networks: A water footprint approach. Science of the Total Environment, 2021, 775, 145844.	8.0	25
66	State of provincial regulations and guidelines to promote low impact development (LID) alternatives across Canada: Content analysis and comparative assessment. Journal of Environmental Management, 2019, 235, 389-402.	7.8	24
67	Scenario-based economic and environmental analysis of clean energy incentives for households in Canada: Multi criteria decision making approach. Journal of Cleaner Production, 2018, 198, 170-186.	9.3	23
68	Fit-for-purpose wastewater treatment: Testing to implementation of decision support tool (II). Science of the Total Environment, 2017, 607-608, 403-412.	8.0	22
69	Developing a level of service (LOS) index for operational management of public buildings. Sustainable Cities and Society, 2017, 34, 159-173.	10.4	22
70	Optimization of integrated fuzzy decision tree and regression models for selection of oil spill response method in the Arctic. Knowledge-Based Systems, 2021, 213, 106676.	7.1	22
71	Analyzing present and future availability of critical high-tech minerals in waste cellphones: A case study of India. Waste Management, 2021, 119, 275-284.	7.4	21
72	Development of a predictive model for Clostridium difficile infection incidence in hospitals using Gaussian mixture model and Dempsterâ€“Shafer theory. Stochastic Environmental Research and Risk Assessment, 2018, 32, 1743-1758.	4.0	20

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73	Evaluating water reuse applications under uncertainty: generalized intuitionistic fuzzy-based approach. Stochastic Environmental Research and Risk Assessment, 2018, 32, 1099-1111.	4.0	20
74	Inter-University Sustainability Benchmarking for Canadian Higher Education Institutions: Water, Energy, and Carbon Flows for Technical-Level Decision-Making. Sustainability, 2019, 11, 2599.	3.2	20
75	Life cycle thinking-based energy retrofits evaluation framework for Canadian residences: A Pareto optimization approach. Building and Environment, 2021, 204, 108115.	6.9	20
76	Electric vehicle recharging infrastructure planning and management in urban communities. Journal of Cleaner Production, 2020, 250, 119559.	9.3	19
77	Research on policy strategies for implementing energy retrofits in the residential buildings. Journal of Building Engineering, 2021, 43, 103161.	3.4	19
78	Decision making for risk management: A multi-criteria perspective. Methods in Chemical Process Safety, 2020, 4, 239-287.	1.0	18
79	Sustainability evaluation framework for building cooling systems: a comparative study of snow storage and conventional chiller systems. Clean Technologies and Environmental Policy, 2017, 19, 137-155.	4.1	16
80	Climate conscious regional planning for fast-growing communities. Journal of Cleaner Production, 2017, 165, 81-92.	9.3	16
81	Life Cycle Thinkingâ€“Based Selection of Building Facades. Journal of Architectural Engineering, 2018, 24, .	1.6	16
82	Fuzzy fault tree analysis of hydraulic fracturing flowback water storage failure. Journal of Natural Gas Science and Engineering, 2019, 72, 103039.	4.4	16
83	Predicting unregulated disinfection by-products in small water distribution networks: an empirical modelling framework. Environmental Monitoring and Assessment, 2020, 192, 497.	2.7	16
84	Nexus of economic growth, energy consumption, FDI and emissions: a tale of Bangladesh. Environment, Development and Sustainability, 2022, 24, 6327-6348.	5.0	16
85	An integrated geospatial correlation analysis and human health risk assessment approach for investigating abandoned industrial sites. Journal of Environmental Management, 2021, 293, 112891.	7.8	16
86	Artificial Neural Network for Predicting Building Energy Performance: A Surrogate Energy Retrofits Decision Support Framework. Buildings, 2022, 12, 829.	3.1	16
87	Community-level decentralized energy system planning under uncertainty: A comparison of mathematical models for strategy development. Applied Energy, 2021, 283, 116304.	10.1	15
88	Mobile energy hub planning for complex urban networks: A robust optimization approach. Energy, 2021, 235, 121424.	8.8	15
89	Rethinking investment planning and optimizing net zero emission buildings. Clean Technologies and Environmental Policy, 2017, 19, 1711-1724.	4.1	14
90	Hazard assessment of hydraulic fracturing chemicals using an indexing method. Science of the Total Environment, 2018, 619-620, 281-290.	8.0	14

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91	Characterizing hydraulic fracturing fluid greenness: application of a hazard-based index approach. Clean Technologies and Environmental Policy, 2016, 18, 647-668.	4.1	13
92	Are we ready for alternative fuel transportation systems in Canada: A regional vignette. Journal of Cleaner Production, 2017, 166, 717-731.	9.3	13
93	Optimizing residential density based on waterâ€“energyâ€“carbon nexus using UTilitÃ©s Additives (UTA) method. Clean Technologies and Environmental Policy, 2018, 20, 855-870.	4.1	13
94	An integrated chemical management methodology for hydraulic fracturing: A fuzzy-based indexing approach. Journal of Cleaner Production, 2018, 187, 63-75.	9.3	13
95	Occupant-based energy upgrades selection for Canadian residential buildings based on field energy data and calibrated simulations. Journal of Cleaner Production, 2020, 271, 122430.	9.3	13
96	Benchmarking of Water, Energy, and Carbon Flows in Academic Buildings: A Fuzzy Clustering Approach. Sustainability, 2020, 12, 4422.	3.2	13
97	Sustainability performance assessment of green roof systems using fuzzy-analytical hierarchy process (FAHP). International Journal of Sustainable Building Technology and Urban Development, 2014, 5, 260-276.	1.0	12
98	Fuzzy clustering analysis of hydraulic fracturing additives for environmental and human health risk mitigation. Clean Technologies and Environmental Policy, 2019, 21, 39-53.	4.1	12
99	Drinking Water Treatments for Arsenic and Manganese Removal and Health Risk Assessment in White Rock, Canada. Exposure and Health, 2020, 12, 793-807.	4.9	12
100	Optimization of hydraulic fracturing wastewater management alternatives: A hybrid multi-objective linear programming model. Journal of Cleaner Production, 2021, 286, 124950.	9.3	12
101	Performance indicators for aquatic centres in Canada: Identification and selection using fuzzy based methods. Science of the Total Environment, 2021, 751, 141619.	8.0	12
102	Integrated probabilistic-fuzzy synthetic evaluation of drinking water quality in rural and remote communities. Journal of Environmental Management, 2022, 301, 113937.	7.8	12
103	Evaluation of offshore oil spill response waste management strategies: A lifecycle assessment-based framework. Journal of Hazardous Materials, 2022, 432, 128659.	12.4	12
104	Transforming road freight transportation from fossils to hydrogen: Opportunities and challenges. International Journal of Sustainable Transportation, 2023, 17, 552-572.	4.1	12
105	Evaluation of machine learning techniques to select marine oil spill response methods under small-sized dataset conditions. Journal of Hazardous Materials, 2022, 436, 129282.	12.4	12
106	Data Analytics and Artificial Intelligence in the Complex Environment of Megaprojects: Implications for Practitioners and Project Organizing Theory. Project Management Journal, 2022, 53, 485-500.	4.3	12
107	Energy rating system for climate conscious operation of multi-unit residential buildings. Clean Technologies and Environmental Policy, 2018, 20, 785-802.	4.1	11
108	A process-based LCA for selection of low-impact DBPs control strategy for indoor swimming pool operation. Journal of Cleaner Production, 2020, 270, 122372.	9.3	11

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109	Sustainable, resilient, and reliable urban water systems: making the case for a â€œone waterâ€•approach. Environmental Reviews, 2022, 30, 10-29.	4.5	11
110	Decentralized cooperative approach for electric vehicle charging. Journal of Cleaner Production, 2022, 364, 132590.	9.3	11
111	The integration of building information modeling (BIM) and system dynamic modeling to minimize construction waste generation from change orders. International Journal of Construction Management, 2023, 23, 156-166.	3.2	10
112	Optimization of Blasting-Associated Costs in Surface Mines Using Risk-based Probabilistic Integer Programming and Firefly Algorithm. Natural Resources Research, 2021, 30, 4789-4806.	4.7	10
113	Framework for Developing a Low-Carbon Energy Demand in Residential Buildings Using Community-Government Partnership: An Application in Saudi Arabia. Energies, 2021, 14, 4954.	3.1	10
114	Evaluating carbon capturing strategies for emissions reduction in community energy systems: A life cycle thinking approach. Energy, 2021, 232, 121012.	8.8	10
115	Exposure to Crystalline Silica Inhalation Among Construction Workers: A Probabilistic Risk Analysis. Human and Ecological Risk Assessment (HERA), 2012, 18, 1036-1050.	3.4	9
116	Techno-economic performance evaluation of building cooling systems: A study of snow storage and conventional chiller systems. Cold Regions Science and Technology, 2016, 130, 8-20.	3.5	9
117	Improving the capital deployment efficiency: An infrastructure investment planning process in transportation project. Research in Transportation Economics, 2021, 88, 101048.	4.1	9
118	Probabilistic framework for assessing ecological risk of Contaminants of Emerging Concern: Application to a Canadian lake system. Chemosphere, 2022, 287, 131910.	8.2	9
119	An adaptive realâ€time energy management system for a renewable energyâ€based microgrid. IET Renewable Power Generation, 2021, 15, 2918-2930.	3.1	8
120	Predicting unregulated disinfection by-products in water distribution networks using generalized regression neural networks. Urban Water Journal, 2021, 18, 711-724.	2.1	8
121	Ecological risk assessment of accidental release of flowback water: A conceptual framework. Human and Ecological Risk Assessment (HERA), 2018, 24, 398-426.	3.4	8
122	Clostridium difficile infection incidence prediction in hospitals (CDIIPH): a predictive model based on decision tree and fuzzy techniques. Stochastic Environmental Research and Risk Assessment, 2017, 31, 417-430.	4.0	7
123	Energy Efficiency and Global Warming Potential in the Residential Sector: Comparative Evaluation of Canada and Saudi Arabia. Journal of Architectural Engineering, 2017, 23, 04017009.	1.6	7
124	A new weighting factor in combining belief function. PLoS ONE, 2017, 12, e0177695.	2.5	7
125	An integrated hazard screening and indexing system for hydraulic fracturing chemical assessment. Chemical Engineering Research and Design, 2019, 130, 126-139.	5.6	7
126	Investigating the public health risks of low impact developments at residential, neighbourhood, and municipal levels. Science of the Total Environment, 2020, 744, 140778.	8.0	7

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127	Integrated planning framework for urban stormwater management: one water approach. Sustainable and Resilient Infrastructure, 2023, 8, 48-69.	2.8	7
128	Energy Performance Assessment Framework for Residential Buildings in Saudi Arabia. Sustainability, 2021, 13, 2232.	3.2	7
129	Integrated level of service index for buried water infrastructure: Selection and development of performance indicators. Sustainable Cities and Society, 2021, 68, 102799.	10.4	7
130	The Nexus of Climate Change and Increasing Demand for Energy: A Policy Deliberation from the Canadian Context. Lecture Notes in Energy, 2020, , 263-294.	0.3	6
131	Liquefied natural gas exports from Canada to China: An analysis of internationally transferred mitigation outcomes (ITMO). Journal of Cleaner Production, 2022, 347, 131291.	9.3	6
132	Path toward net-zero buildings: a natural capital assessment framework. Clean Technologies and Environmental Policy, 2018, 20, 201-218.	4.1	5
133	Unfolding â€˜bigâ€™ problems of small water system performance: a qualitative study in British Columbia. Canadian Water Resources Journal, 2020, 45, 269-286.	1.2	5
134	Influence of Socio-Cultural Attributes on Stigmatizing Public Transport in Saudi Arabia. Sustainability, 2021, 13, 12075.	3.2	5
135	Sustainable Materials Selection for Canadian Construction Industry: An Emergy-Based Life-Cycle Analysis (Em-LCA) of Conventional and LEED Suggested Construction Materials. Journal of Sustainable Development, 2011, 5, .	0.3	4
136	A health-based life cycle impact assessment (LCIA) for cement manufacturing: a comparative study of China and Canada. Clean Technologies and Environmental Policy, 2017, 19, 679-687.	4.1	4
137	Urban cohesion vis-Ã-vis organic spatialization of â€œThird placesâ€•in Saudi Arabia: The need for an alternative planning praxis. Habitat International, 2020, 105, 102258.	5.8	4
138	An integrated risk assessment and prediction framework for fire ignition sources in smart-green multi-unit residential buildings. International Journal of Systems Assurance Engineering and Management, 2021, 12, 1262-1295.	2.4	4
139	Carbon Capture Systems for Building-Level Heating Systemsâ€”A Socio-Economic and Environmental Evaluation. Sustainability, 2021, 13, 10681.	3.2	4
140	An Energy Performance Contract Optimization Approach to Meet the Competing Stakeholder Expectations under Uncertainty: A Canadian Case Study. Sustainability, 2022, 14, 4334.	3.2	4
141	Economic sustainability benchmarking of modular homes: A life cycle thinking approach. Journal of Cleaner Production, 2022, 348, 131290.	9.3	4
142	Life Cycle Thinkingâ€“Based Decision Making for Bridges under Seismic Conditions. II: A Case Study on Bridges with Superelastic SMA RC Piers. Journal of Bridge Engineering, 2022, 27, .	2.9	3
143	Continuous performance improvement of aquatic centres: A Taguchi-based optimization approach towards sustainability. Journal of Building Engineering, 2022, 54, 104576.	3.4	3
144	Life Cycle Thinkingâ€“Based Decision Making for Bridges under Seismic Conditions. I: Methodology and Framework. Journal of Bridge Engineering, 2022, 27, .	2.9	3

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145	Environmental and economic performance of a water distribution system through a lens of life cycle thinking: A case study of the City of Kelowna. Sustainable and Resilient Infrastructure, 0, , 1-22.	2.8	2
146	Investigating Spatiotemporal Variability of Water, Energy, and Carbon Flows: A Probabilistic Fuzzy Synthetic Evaluation Framework for Higher Education Institutions. Environments - MDPI, 2021, 8, 72.	3.3	2
147	Developing an Integrated â€œRegression-QMRA methodâ€•to Predict Public Health Risks of Low Impact Developments (LIDs) for Improved Planning. Environmental Management, 2022, , 1.	2.7	2
148	Investigating temporal dynamics of urban densification on the buried water infrastructure performance. Cities, 2022, 129, 103836.	5.6	2
149	Water use in unconventional oil and gas development: an assessment on water use metric evaluation and selection. Clean Technologies and Environmental Policy, 2017, 19, 2417-2429.	4.1	1
150	Segmentation of COVID-19 pneumonia lesions: A deep learning approach. Medical Journal of the Islamic Republic of Iran, 2020, 34, 174.	0.9	1
151	Staged energy and water quality optimization for large water distribution systems. Environmental Monitoring and Assessment, 2022, 194, 232.	2.7	1
152	Human health assessment for remediation technologies (HEART): a multi-criteria decision analysis tool. International Journal of Systems Assurance Engineering and Management, 2016, 7, 183-200.	2.4	0
153	Redefining Green Buildings: BIM-Based Framework for Zero Impact Civil Infrastructure. , 2020, , .		0
154	Investigating the impacts of plausible Canadian policies and their supporting mechanisms on export-based regional air pollution in China: A cement manufacturing case study. Facets, 2018, 3, 920-933.	2.4	0
155	Overcoming the energy security challenges in developing countries. , 2022, , 61-88.		0