

# Mohamed M Marzouk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6508494/publications.pdf>

Version: 2024-02-01

172  
papers

3,549  
citations

172207

29  
h-index

189595

50  
g-index

176  
all docs

176  
docs citations

176  
times ranked

2511  
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting buildings life cycle sustainability behaviour using system dynamics. Architectural Engineering and Design Management, 2023, 19, 323-339.	1.2	3
2	System dynamics applications in crisis management: A literature review. Journal of Simulation, 2023, 17, 800-817.	1.0	0
3	Enhancing users involvement in architectural design using mobile augmented reality. Engineering, Construction and Architectural Management, 2022, 29, 2514-2534.	1.8	9
4	Optimizing daylight utilization of flat skylights in heritage buildings. Journal of Advanced Research, 2022, 37, 133-145.	4.4	22
5	Green building system integration into project delivery utilising BIM. Environment, Development and Sustainability, 2022, 24, 6467-6480.	2.7	10
6	Analysing BIM implementation in the Egyptian construction industry. Engineering, Construction and Architectural Management, 2022, 29, 4177-4190.	1.8	12
7	Integrated Augmented Reality and Cloud Computing Approach for Infrastructure Utilities Maintenance. Journal of Pipeline Systems Engineering and Practice, 2022, 13, .	0.9	10
8	Mapping Ground Penetrating Radar Amplitudes Using Artificial Neural Network and Multiple Regression Analysis Methods. , 2022, , 1052-1076.		0
9	Smart archiving of energy and petroleum projects utilizing big data analytics. Automation in Construction, 2022, 133, 104005.	4.8	4
10	Modelling maintainability of healthcare facilities services systems using BIM and business intelligence. Journal of Building Engineering, 2022, 46, 103820.	1.6	8
11	Integrated approach for sustainability assessment in power plant projects using Building Information Modeling. Energy for Sustainable Development, 2022, 66, 222-237.	2.0	5
12	Modeling investment policies effect on environmental indicators in Egyptian construction sector using system dynamics. Cleaner Engineering and Technology, 2022, 6, 100368.	2.1	3
13	An exponential chaotic differential evolution algorithm for optimizing bridge maintenance plans. Automation in Construction, 2022, 134, 104107.	4.8	22
14	Integrated maintenance planning approach to optimize budget allocation for subway operating systems. Tunnelling and Underground Space Technology, 2022, 121, 104322.	3.0	9
15	Science mapping analysis of embodied energy in the construction industry. Energy Reports, 2022, 8, 1362-1376.	2.5	25
16	Facility management of gas turbine power plants using 3D laser scanning. HBRC Journal, 2022, 18, 73-83.	0.2	2
17	Analysing user daylight preferences in heritage buildings using virtual reality. Building Simulation, 2022, 15, 1561-1576.	3.0	12
18	Decentralizing construction AI applications using blockchain technology. Expert Systems With Applications, 2022, 194, 116548.	4.4	24

#	ARTICLE	IF	CITATIONS
19	Prioritizing water distribution pipelines rehabilitation using machine learning algorithms. <i>Soft Computing</i> , 2022, 26, 5179-5193.	2.1	12
20	Selecting feasible standard form of construction contracts using text analysis. <i>Advanced Engineering Informatics</i> , 2022, 52, 101569.	4.0	2
21	Modeling COVID-19 effects on SDGs using system dynamics in Egypt. <i>Environmental Science and Pollution Research</i> , 2022, 29, 59235-59246.	2.7	8
22	Assessment of Indoor Air Quality in Academic Buildings Using IoT and Deep Learning. <i>Sustainability</i> , 2022, 14, 7015.	1.6	11
23	Chatbot for construction firms using scalable blockchain network. <i>Automation in Construction</i> , 2022, 141, 104390.	4.8	9
24	Modeling evacuation and visitation proximity in museums using agent-based simulation. <i>Journal of Building Engineering</i> , 2022, 56, 104794.	1.6	5
25	Applying system archetypes in real estate development crises. <i>Systems Research and Behavioral Science</i> , 2021, 38, 911-922.	0.9	1
26	Optimizing construction and demolition waste transportation for sustainable construction projects. <i>Engineering, Construction and Architectural Management</i> , 2021, 28, 2411-2425.	1.8	22
27	Entropy-Based Automated Method for Detection and Assessment of Spalling Severities in Reinforced Concrete Bridges. <i>Journal of Performance of Constructed Facilities</i> , 2021, 35, .	1.0	11
28	Hybrid Elman Neural Network and an Invasive Weed Optimization Method for Bridge Defect Recognition. <i>Transportation Research Record</i> , 2021, 2675, 167-199.	1.0	16
29	Reliability Assessment of Water Distribution Networks Using Minimum Cut Set Analysis. <i>Journal of Infrastructure Systems</i> , 2021, 27, .	1.0	8
30	Assessment of Coastal Vulnerability to Climate Change Impacts using GIS and Remote Sensing: A Case Study of Al-Alamein New City. <i>Journal of Cleaner Production</i> , 2021, 290, 125723.	4.6	21
31	AHP-TOPSIS social sustainability approach for selecting supplier in construction supply chain. <i>Cleaner Environmental Systems</i> , 2021, 2, 100034.	2.2	36
32	Design for Deconstruction Using Integrated Lean Principles and BIM Approach. <i>Sustainability</i> , 2021, 13, 7856.	1.6	19
33	BIM Adoption in Construction Contracts: Content Analysis Approach. <i>Journal of Construction Engineering and Management - ASCE</i> , 2021, 147, .	2.0	23
34	Deep learning model for forecasting COVID-19 outbreak in Egypt. <i>Chemical Engineering Research and Design</i> , 2021, 153, 363-375.	2.7	45
35	Integrative Evolutionary-Based Method for Modeling and Optimizing Budget Assignment of Bridge Maintenance Priorities. <i>Journal of Construction Engineering and Management - ASCE</i> , 2021, 147, 04021100.	2.0	5
36	Data Acquisition and Structural Analysis for Bridge Deck Condition Assessment Using Ground Penetration Radar. <i>Journal of Performance of Constructed Facilities</i> , 2021, 35, .	1.0	5

#	ARTICLE	IF	CITATIONS
37	Digitizing material passport for sustainable construction projects using BIM. Journal of Building Engineering, 2021, 43, 103233.	1.6	26
38	Building condition assessment using artificial neural network and structural equations. Expert Systems With Applications, 2021, 186, 115743.	4.4	12
39	Automated BIM schedule generation approach for solving timeâ€‘cost trade-off problems. Engineering, Construction and Architectural Management, 2021, 28, 3346-3367.	1.8	14
40	Sustainable layout design of steel buildings through embodied energy and costs optimization. Cleaner Engineering and Technology, 2021, 5, 100308.	2.1	6
41	A hybrid fuzzy-optimization method for modeling construction emissions. Decision Science Letters, 2020, , 1-20.	0.5	12
42	A BIM-based framework for quantitative assessment of steel structure deconstructability. Automation in Construction, 2020, 111, 103064.	4.8	54
43	Artificial intelligence exploitation in facility management using deep learning. Construction Innovation, 2020, 20, 609-624.	1.5	28
44	An Invasive Weed Optimization-Based Fuzzy Decision-making Framework for Bridge Intervention Prioritization in Element and Network Levels. International Journal of Information Technology and Decision Making, 2020, 19, 1189-1246.	2.3	3
45	Resolving deterioration of heritage building elements using an expert system. International Journal of Building Pathology and Adaptation, 2020, 38, 721-735.	0.7	10
46	Fuzzy model for assessing delays in Egyptian residential projects. Journal of Financial Management of Property and Construction, 2020, 25, 225-246.	0.9	3
47	Comparison of Several Aggregation Techniques for Deriving Analytic Network Process Weights. Water Resources Management, 2020, 34, 4901-4919.	1.9	9
48	Investigating parameters affecting maintenance of heritage buildings in Egypt. International Journal of Building Pathology and Adaptation, 2020, ahead-of-print, .	0.7	3
49	Comparing Machine Learning Models For Predicting Water Pipelines Condition. , 2020, , .		6
50	BIM and semantic web-based maintenance information for existing buildings. Automation in Construction, 2020, 116, 103209.	4.8	45
51	Planning utility infrastructure requirements for smart cities using the integration between BIM and GIS. Sustainable Cities and Society, 2020, 57, 102120.	5.1	82
52	A self-adaptive exhaustive search optimization-based method for restoration of bridge defects images. International Journal of Machine Learning and Cybernetics, 2020, 11, 1659-1716.	2.3	10
53	Optimizing thermal and visual efficiency using parametric configuration of skylights in heritage buildings. Journal of Building Engineering, 2020, 31, 101385.	1.6	19
54	Influence of light redirecting control element on daylight performance: A case of Egyptian heritage palace skylight. Journal of Building Engineering, 2020, 31, 101309.	1.6	9

#	ARTICLE	IF	CITATIONS
55	Web-Based Tool for Interoperability among Structural Analysis Applications. Journal of Construction Engineering and Management - ASCE, 2020, 146, .	2.0	3
56	Application of Evolutionary Optimization Algorithms for Rehabilitation of Water Distribution Networks. Journal of Construction Engineering and Management - ASCE, 2020, 146, .	2.0	28
57	A Multi-objective Invasive Weed Optimization Method for Segmentation of Distress Images. Intelligent Automation and Soft Computing, 2020, 26, 643-661.	1.6	12
58	USING 3D LASER SCANNING TO ANALYZE HERITAGE STRUCTURES: THE CASE STUDY OF EGYPTIAN PALACE. Journal of Civil Engineering and Management, 2020, 26, 53-65.	1.9	12
59	OPTIMIZING LASER SCANNING POSITIONS IN BUILDINGS EXTERIORS: HERITAGE BUILDING APPLICATION. Journal of Civil Engineering and Management, 2020, 26, 304-314.	1.9	8
60	FUZZY MONTE CARLO SIMULATION OPTIMIZATION FOR SELECTING MATERIALS IN GREEN BUILDINGS. Journal of Environmental Engineering and Landscape Management, 2020, 28, 95-104.	0.4	5
61	Selecting Demolition Waste Materials Disposal Alternatives Using Fuzzy TOPSIS Technique. , 2020, , 1396-1416.		0
62	Selecting Demolition Waste Materials Disposal Alternatives Using Fuzzy TOPSIS Technique. , 2020, , 730-750.		0
63	An optimization-based methodology for the definition of amplitude thresholds of the ground penetrating radar. Soft Computing, 2019, 23, 12063-12086.	2.1	18
64	A computerized hybrid Bayesian-based approach for modelling the deterioration of concrete bridge decks. Structure and Infrastructure Engineering, 2019, 15, 1178-1199.	2.0	10
65	Analyzing project data in BIM with descriptive analytics to improve project performance. Built Environment Project and Asset Management, 2019, 9, 476-488.	0.9	12
66	Mapping Ground Penetrating Radar Amplitudes Using Artificial Neural Network and Multiple Regression Analysis Methods. International Journal of Strategic Decision Sciences, 2019, 10, 84-106.	0.0	2
67	BIM-Based Facility management for water treatment plants using laser scanning. Water Practice and Technology, 2019, 14, 325-330.	1.0	5
68	Modelling the Deterioration of Bridge Decks Based on Semi-Markov Decision Process. International Journal of Strategic Decision Sciences, 2019, 10, 23-45.	0.0	5
69	Quality analysis using three-dimensional modelling and image processing techniques. Construction Innovation, 2019, 19, 614-628.	1.5	3
70	Mid-term Outcomes in Nonelderly Adults Undergoing Surgery for Isolated Aortic Valve Infective Endocarditis: Results From Two Canadian Centers. Canadian Journal of Cardiology, 2019, 35, 1475-1482.	0.8	4
71	Text analytics to analyze and monitor construction project contract and correspondence. Automation in Construction, 2019, 98, 265-274.	4.8	60
72	Integrated agent-based simulation and multi-criteria decision making approach for buildings evacuation evaluation. Safety Science, 2019, 112, 57-65.	2.6	32

#	ARTICLE	IF	CITATIONS
73	Framework for economic assessment of concrete waste management strategies. <i>Waste Management and Research</i> , 2019, 37, 268-277.	2.2	9
74	Using BIM to Identify Claims Early in the Construction Industry: Case Study. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2018, 10, .	0.9	25
75	Mobile augmented reality applications for construction projects. <i>Construction Innovation</i> , 2018, 18, 152-166.	1.5	78
76	Assessment of existing buildings performance using system dynamics technique. <i>Applied Energy</i> , 2018, 211, 1308-1323.	5.1	15
77	Fuzzy-Based Methodology for Risk Assessment in Water Treatment Plants. <i>Journal of Performance of Constructed Facilities</i> , 2018, 32, .	1.0	1
78	Multi-Criteria Ranking Tool for Evaluating Buildings Evacuation Using Agent-Based Simulation. , 2018, , .		5
79	Socioeconomic impact assessment of highly dense-urban construction projects. <i>Automation in Construction</i> , 2018, 92, 230-241.	4.8	23
80	BIM-based approach for optimizing life cycle costs of sustainable buildings. <i>Journal of Cleaner Production</i> , 2018, 188, 217-226.	4.6	128
81	Simulation of labor evacuation: The case of housing construction projects. <i>HBRC Journal</i> , 2018, 14, 198-206.	0.2	10
82	Comparative Analysis of Bridges Construction Methods Using Bridge Information Modeling. <i>International Journal of 3-D Information Modeling</i> , 2018, 7, 39-53.	0.2	0
83	A fuzzy expert system model for risks qualification in real estate projects. <i>International Journal of Sustainable Real Estate and Construction Economics</i> , 2018, 1, 142.	0.2	1
84	Ontological Classification for Heritage Computer Aided Design. , 2018, , .		0
85	Tower cranes layout planning using agent-based simulation considering activity conflicts. <i>Automation in Construction</i> , 2018, 93, 348-360.	4.8	59
86	Planning labor evacuation for construction sites using BIM and agent-based simulation. <i>Safety Science</i> , 2018, 109, 174-185.	2.6	65
87	Mitigating risks in wastewater treatment plant PPPs using minimum revenue guarantee and real options. <i>Utilities Policy</i> , 2018, 53, 121-133.	2.1	24
88	On the Use of Ground Penetrating Radar for Bridge Deck Assessment. <i>DEStech Transactions on Computer Science and Engineering</i> , 2018, , .	0.1	1
89	MODELING RISKS IN REAL ESTATE DEVELOPMENT PROJECTS: A CASE FOR EGYPT. <i>International Journal of Strategic Property Management</i> , 2018, 22, 447-456.	0.8	2
90	A comparative suitability study between classification systems for BIM in heritage. <i>International Journal of Sustainable Development and Planning</i> , 2018, 13, 130-138.	0.3	6

#	ARTICLE	IF	CITATIONS
91	A Probabilistic-Based Deterioration Model Using Ground Penetrating Radar. , 2018, , .		0
92	Budget allocation for water mains rehabilitation projects using Simosâ€™ procedure. HBRC Journal, 2017, 13, 54-60.	0.2	5
93	Building information modeling-based model for calculating direct and indirect emissions in construction projects. Journal of Cleaner Production, 2017, 152, 351-363.	4.6	73
94	Production of green concrete using recycled waste aggregate and byproducts. Built Environment Project and Asset Management, 2017, 7, 413-425.	0.9	5
95	Analyzing sustainability in low-income housing projects using system dynamics. Energy and Buildings, 2017, 134, 143-153.	3.1	11
96	Modeling the performance of sustainable sanitation systems using building information modeling. Journal of Cleaner Production, 2017, 141, 1400-1410.	4.6	17
97	Towards evaluation and prediction of building sustainability using life cycle behaviour simulation. MATEC Web of Conferences, 2017, 120, 08002.	0.1	3
98	Assessing Environmental Impact Indicators in Road Construction Projects in Developing Countries. Sustainability, 2017, 9, 843.	1.6	39
99	Selecting Demolition Waste Materials Disposal Alternatives Using Fuzzy TOPSIS Technique. International Journal of Natural Computing Research, 2017, 6, 38-57.	0.5	3
100	Fuzzy-Based Methodology for Integrated Infrastructure Asset Management. International Journal of Computational Intelligence Systems, 2017, 10, 745.	1.6	24
101	Identifying the Optimal Execution Plan for Slum Infrastructure Upgrading Projects. , 2016, , .		1
102	Modeling housing supply and demand using system dynamics. Housing, Care and Support, 2016, 19, 64-80.	0.2	3
103	Investigating sustainability parameters of administrative buildings in Saudi Arabia. Technological Forecasting and Social Change, 2016, 105, 41-48.	6.2	17
104	Estimating water treatment plants costs using factor analysis and artificial neural networks. Journal of Cleaner Production, 2016, 112, 4540-4549.	4.6	56
105	Decision support for tower crane selection with building information models and genetic algorithms. Automation in Construction, 2016, 61, 1-15.	4.8	87
106	Establishing Multi-level Performance Condition Indices for Public Schools Maintenance Program Using AHP and Fuzzy Logic. Studies in Informatics and Control, 2016, 25, .	0.6	5
107	Solving Civil Engineering Problems by Means of Fuzzy and Stochastic MCDM Methods: Current State and Future Research. Mathematical Problems in Engineering, 2015, 2015, 1-16.	0.6	71
108	Decision Making Methods and Applications in Civil Engineering. Mathematical Problems in Engineering, 2015, 2015, 1-3.	0.6	16

#	ARTICLE	IF	CITATIONS
109	Fuzzy approach for optimum replacement time of mixed infrastructures. Civil Engineering and Environmental Systems, 2015, 32, 269-280.	0.4	7
110	ANALYZING PROCUREMENT ROUTE SELECTION FOR ELECTRIC POWER PLANTS PROJECTS USING SMART. Journal of Civil Engineering and Management, 2015, 21, 912-922.	1.9	10
111	A methodology for prioritizing water mains rehabilitation in Egypt. HBRC Journal, 2015, 11, 114-128.	0.2	21
112	A simulation optimisation tool for planning of low-income housing projects. Civil Engineering and Environmental Systems, 2014, 31, 51-63.	0.4	1
113	PREDICTING TELECOMMUNICATION TOWER COSTS USING FUZZY SUBTRACTIVE CLUSTERING. Journal of Civil Engineering and Management, 2014, 21, 67-74.	1.9	6
114	BIM-based framework for managing performance of subway stations. Automation in Construction, 2014, 41, 70-77.	4.8	36
115	Environmental and economic impact assessment of construction and demolition waste disposal using system dynamics. Resources, Conservation and Recycling, 2014, 82, 41-49.	5.3	266
116	Developing green bridge rating system using Simos™ procedure. HBRC Journal, 2014, 10, 176-182.	0.2	21
117	Implementing earned value management using bridge information modeling. KSCE Journal of Civil Engineering, 2014, 18, 1302-1313.	0.9	52
118	Monitoring thermal comfort in subways using building information modeling. Energy and Buildings, 2014, 84, 252-257.	3.1	98
119	Analyzing delay causes in Egyptian construction projects. Journal of Advanced Research, 2014, 5, 49-55.	4.4	158
120	Applications of bridge information modeling in bridges life cycle. Smart Structures and Systems, 2014, 13, 407-418.	1.9	11
121	Simulation-based model for optimizing highways resurfacing operations. Baltic Journal of Road and Bridge Engineering, 2014, 9, 58-65.	0.4	2
122	MEASURING SENSITIVITY OF PROCUREMENT DECISIONS USING SUPERIORITY AND INFERIORITY RANKING. International Journal of Information Technology and Decision Making, 2013, 12, 395-423.	2.3	10
123	Quantifying weather impact on formwork shuttering and removal operation using system dynamics. KSCE Journal of Civil Engineering, 2013, 17, 620-626.	0.9	10
124	Factors influencing sub-contractors selection in construction projects. HBRC Journal, 2013, 9, 150-158.	0.2	48
125	Selecting sustainable building materials using system dynamics and ant colony optimization. Journal of Environmental Engineering and Landscape Management, 2013, 21, 237-247.	0.4	18
126	Modeling safety considerations and space limitations in piling operations using agent based simulation. Expert Systems With Applications, 2013, 40, 4848-4857.	4.4	25



#	ARTICLE	IF	CITATIONS
127	Predicting Construction Materials Prices Using Fuzzy Logic and Neural Networks. Journal of Construction Engineering and Management - ASCE, 2013, 139, 1190-1198.	2.0	35
128	FEASIBILITY STUDY OF INDUSTRIAL PROJECTS USING SIMOS™ PROCEDURE. Journal of Civil Engineering and Management, 2013, 19, 59-68.	1.9	25
129	A Fuzzy Risk Management Framework for the Egyptian Real Estate Development Projects. , 2013, , .		7
130	Fuzzy Consensus Qualitative Risk Analysis Framework for Building Construction Projects. , 2013, , .		3
131	Multiobjective optimisation algorithm for sewer network rehabilitation. Structure and Infrastructure Engineering, 2013, 9, 1094-1102.	2.0	29
132	A hybrid Fuzzy C-Means Clustering-AHP framework to select construction contractors. , 2013, , .		4
133	PLANNING OF TUNNELING PROJECTS USING COMPUTER SIMULATION AND FUZZY DECISION MAKING. Journal of Civil Engineering and Management, 2013, 19, 591-607.	1.9	8
134	A hybrid model for selecting location of mobile cranes in bridge construction projects. Baltic Journal of Road and Bridge Engineering, 2013, 8, 184-189.	0.4	8
135	Valuation of Minimum Revenue Guarantees for PPP Wastewater Treatment Plants. , 2012, , .		1
136	Maintaining Subway Infrastructure Using BIM. , 2012, , .		23
137	Bridge Information Modeling in Sustainable Bridge Management. , 2012, , .		15
138	Health Effects Associated With Passenger Vehicles: Monetary Values of Air Pollution. Archives of Environmental and Occupational Health, 2012, 67, 145-154.	0.7	0
139	Assessing design process in engineering consultancy firms using lean principles. Simulation, 2012, 88, 1522-1536.	1.1	6
140	Selecting Building Materials Using System Dynamics and Ant Colony Optimization. , 2012, , .		3
141	Applications of Building Information Modeling in Cost Estimation of Infrastructure Bridges. International Journal of 3-D Information Modeling, 2012, 1, 17-29.	0.2	12
142	An integrated tool for optimizing rehabilitation programs of highways pavement. Baltic Journal of Road and Bridge Engineering, 2012, 7, 297-304.	0.4	9
143	A case-based reasoning approach for estimating the costs of pump station projects. Journal of Advanced Research, 2011, 2, 289-295.	4.4	30
144	ELECTRE III model for value engineering applications. Automation in Construction, 2011, 20, 596-600.	4.8	91

#	ARTICLE	IF	CITATIONS
145	DISPUTE RESOLUTION AIDED TOOL FOR CONSTRUCTION PROJECTS IN EGYPT / GINÄĖÅ² SPRENDIMO PAGALBOS PRIEMONÄ– STATYBOS PROJEKTAMS EGIPTĖ. Journal of Civil Engineering and Management, 2011, 17, 63-71.	1.9	28
146	Simulation of Resurfacing Pavement Operation of Highways under Lane Closure Condition. , 2011, , .		1
147	Conceptual Cost Estimation of Pump Stations Projects Using Fuzzy Clustering. , 2011, , .		0
148	An optimization algorithm for simulation-based planning of low-income housing projects. Journal of Advanced Research, 2010, 1, 291-300.	4.4	8
149	Modeling Microtunneling Projects using Computer Simulation. Journal of Construction Engineering and Management - ASCE, 2010, 136, 670-682.	2.0	15
150	An Application of ELECTRE III to Contractor Selection. , 2010, , .		8
151	The State of Computer Simulation Applications in Construction. , 2010, , 509-534.		1
152	Framework for Multiobjective Optimization of Launching Girder Bridges. Journal of Construction Engineering and Management - ASCE, 2009, 135, 791-800.	2.0	14
153	Application of computer simulation to bridge deck construction: Case study. Automation in Construction, 2009, 18, 377-385.	4.8	21
154	A superiority and inferiority ranking model for contractor selection. Construction Innovation, 2008, 8, 250-268.	1.5	33
155	Handling construction pollutions using multiâ€œobjective optimization. Construction Management and Economics, 2008, 26, 1113-1125.	1.8	38
156	Assessing Construction Engineering-Related Delays: Egyptian Perspective. Journal of Professional Issues in Engineering Education and Practice, 2008, 134, 315-326.	0.9	20
157	Special-Purpose Simulation Model for Balanced Cantilever Bridges. Journal of Bridge Engineering, 2008, 13, 122-131.	1.4	20
158	APPLICATION OF COMPUTER SIMULATION TO CONSTRUCTION OF INCREMENTAL LAUNCHING BRIDGES. Journal of Civil Engineering and Management, 2007, 13, 27-36.	1.9	37
159	Bridge_Sim: Framework for Planning and Optimizing Bridge Deck Construction using Computer Simulation. , 2006, , .		5
160	Fuzzy Clustering Model for Estimating Haulersâ€™ Travel Time. Journal of Construction Engineering and Management - ASCE, 2004, 130, 878-886.	2.0	19
161	Discussion of â€œClustering Technique for Evaluating and Validating Neural Network Performanceâ€•by Jonathan Jingsheng Shi. Journal of Computing in Civil Engineering, 2004, 18, 182-183.	2.5	0
162	Multiobjective Optimization of Earthmoving Operations. Journal of Construction Engineering and Management - ASCE, 2004, 130, 105-113.	2.0	95

#	ARTICLE	IF	CITATIONS
163	Object-oriented Simulation Model for Earthmoving Operations. Journal of Construction Engineering and Management - ASCE, 2003, 129, 173-181.	2.0	66
164	Constraint-based genetic algorithm for earthmoving fleet selection. Canadian Journal of Civil Engineering, 2003, 30, 673-683.	0.7	12
165	Discussion of "Incorporating Practicability into Genetic Algorithm-Based Time-Cost Optimization" by Bryan Christopher Que. Journal of Construction Engineering and Management - ASCE, 2003, 129, 706-707.	2.0	0
166	Bid preparation for earthmoving operations. Canadian Journal of Civil Engineering, 2002, 29, 517-532.	0.7	9
167	Incorporating Practicability into Genetic Algorithm-Based Time-Cost Optimization. Journal of Construction Engineering and Management - ASCE, 2002, 128, 139-143.	2.0	33
168	Simulation optimization for earthmoving operations using genetic algorithms. Construction Management and Economics, 2002, 20, 535-543.	1.8	26
169	Clustering Technique for Evaluating and Validating Neural Network Performance. Journal of Computing in Civil Engineering, 2002, 16, 152-155.	2.5	26
170	Automated System for Cost Estimating of Earthmoving Operations. , 2000, , .		4
171	A Grey Wolf Optimization-Based Method for Segmentation and Evaluation of Scaling in Reinforced Concrete Bridges. International Journal of Information Technology and Decision Making, 0, , 1-54.	2.3	2
172	The State of Computer Simulation Applications in Construction. , 0, , 1554-1576.		1