Miroslaw J Skibniewski

List of Publications by Year
in descending order

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167 papers	6,215 citations	61945 43 h-index	85498 71 g-index
168 all docs	168 docs citations	168 times ranked	3587 citing authors

#	Article	IF	Citations
1	Selection of performance objectives and key performance indicators in publicâ€“private partnership projects to achieve value for money. Construction Management and Economics, 2009, 27, 253-270.	1.8	252
2	Bayesian-network-based safety risk analysis in construction projects. Reliability Engineering and System Safety, 2014, 131, 29-39.	5.1	193
3	Decision Criteria in Contractor Prequalification. Journal of Management in Engineering - ASCE, 1988, 4, 148-164.	2.6	173
4	Evaluation of Advanced Construction Technology with AHP Method. Journal of Construction Engineering and Management - ASCE, 1992, 118, 577-593.	2.0	171
5	Web-based construction project management systems: how to make them successful?. Automation in Construction, 2004, 13, 491-506.	4.8	158
6	Wireless sensor networks as part of a web-based building environmental monitoring system. Automation in Construction, 2008, 17, 729-736.	4.8	152
7	Online-review analysis based large-scale group decision-making for determining passenger demands and evaluating passenger satisfaction: Case study of high-speed rail system in China. Information Fusion, 2021, 69, 22-39.	11.7	150
8	A dynamic Bayesian network based approach to safety decision support in tunnel construction. Reliability Engineering and System Safety, 2015, 134, 157-168.	5.1	144
9	Towards a Fuzzy Bayesian Network Based Approach for Safety Risk Analysis of Tunnelâ€Induced Pipeline Damage. Risk Analysis, 2016, 36, 278-301.	1.5	142
10	Multi-classifier information fusion in risk analysis. Information Fusion, 2020, 60, 121-136.	11.7	141
11	A LITERATURE REVIEW OF THE FACTORS LIMITING THE APPLICATION OF BIM IN THE CONSTRUCTION INDUSTRY. Technological and Economic Development of Economy, 2017, 23, 764-779.	2.3	127
12	Developing Key Performance Indicators for Public-Private Partnership Projects: Questionnaire Survey and Analysis. Journal of Management in Engineering - ASCE, 2012, 28, 252-264.	2.6	116
13	Information and Communication Technology Applications in Architecture, Engineering, and Construction Organizations: A 15-Year Review. Journal of Management in Engineering - ASCE, 2015, 31, .	2.6	101
14	Success/Failure Factors and Performance Measures of Web-Based Construction Project Management Systems: Professionalsâ€™ Viewpoint. Journal of Construction Engineering and Management - ASCE, 2006, 132, 80-87.	2.0	99
15	Prospective safety performance evaluation on construction sites. Accident Analysis and Prevention, 2015, 78, 58-72.	3.0	99
16	Estimating Construction Productivity: Neuralâ€Networkâ€Based Approach. Journal of Computing in Civil Engineering, 1994, 8, 234-251.	2.5	97
17	An improved Dempsterâ€“Shafer approach to construction safety risk perception. Knowledge-Based Systems, 2017, 132, 30-46.	4.0	95
18	A probabilistic approach for safety risk analysis in metro construction. Safety Science, 2014, 63, 8-17.	2.6	94

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19	Determination of Key Performance Indicators with Enterprise Resource Planning Systems in Engineering Construction Firms. Journal of Construction Engineering and Management - ASCE, 2009, 135, 965-978.	2.0	92
20	Performance Objectives Selection Model in Public-Private Partnership Projects Based on the Perspective of Stakeholders. Journal of Management in Engineering - ASCE, 2010, 26, 89-104.	2.6	92
21	Analyzing Enterprise Resource Planning System Implementation Success Factors in the Engineeringâ€“Construction Industry. Journal of Computing in Civil Engineering, 2008, 22, 373-382.	2.5	89
22	Expertise-Structure and Risk-Appetite-Integrated Two-Tiered Collective Opinion Generation Framework for Large-Scale Group Decision Making. IEEE Transactions on Fuzzy Systems, 2022, 30, 5496-5510.	6.5	88
23	Automated recognition of surface defects using digital color image processing. Automation in Construction, 2006, 15, 540-549.	4.8	87
24	Qualifierâ€2: Knowledgeâ€Based System for Contractor Prequalification. Journal of Construction Engineering and Management - ASCE, 1990, 116, 157-171.	2.0	84
25	Dynamic Model of Excavator. Journal of Aerospace Engineering, 1993, 6, 148-158.	0.8	84
26	Decision support analysis for safety control in complex project environments based on Bayesian Networks. Expert Systems With Applications, 2013, 40, 4273-4282.	4.4	84
27	System Dynamics (SD) -based concession pricing model for PPP highway projects. International Journal of Project Management, 2012, 30, 240-251.	2.7	83
28	BIM-BASED RISK IDENTIFICATION SYSTEM IN TUNNEL CONSTRUCTION. Journal of Civil Engineering and Management, 2016, 22, 529-539.	1.9	83
29	Contractor prequalification data for construction owners. Construction Management and Economics, 1992, 10, 117-135.	1.8	80
30	BOT Viability Model for Large-Scale Infrastructure Projects. Journal of Construction Engineering and Management - ASCE, 2007, 133, 50-63.	2.0	80
31	QUALIFIERâ€1: Contractor Prequalification Model. Journal of Computing in Civil Engineering, 1990, 4, 77-90.	2.5	79
32	Developing ERP Systems Success Model for the Construction Industry. Journal of Construction Engineering and Management - ASCE, 2009, 135, 207-216.	2.0	79
33	Characterizing time series of near-miss accidents in metro construction via complex network theory. Safety Science, 2017, 98, 145-158.	2.6	78
34	Developing a cloud model based risk assessment methodology for tunnel-induced damage to existing pipelines. Stochastic Environmental Research and Risk Assessment, 2015, 29, 513-526.	1.9	71
35	Safety management in tunnel construction: Case study of Wuhan metro construction in China. Safety Science, 2014, 62, 8-15.	2.6	70
36	A novel model for risk assessment of adjacent buildings in tunneling environments. Building and Environment, 2013, 65, 185-194.	3.0	60

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37	Knowledgeâ€Based Approach to Modular Construction Decision Support. Journal of Construction Engineering and Management - ASCE, 1993, 119, 115-130.	2.0	54
38	Neural Network Method of Estimating Construction Technology Acceptability. Journal of Construction Engineering and Management - ASCE, 1995, 121, 130-142.	2.0	53
39	Data based complex network modeling and analysis of shield tunneling performance in metro construction. Advanced Engineering Informatics, 2018, 38, 168-186.	4.0	50
40	Quantitative constructability analysis with a neuro-fuzzy knowledge-based multi-criterion decision support system. Automation in Construction, 1999, 8, 553-565.	4.8	48
41	Structural health monitoring and assessment using wavelet packet energy spectrum. Safety Science, 2019, 120, 652-665.	2.6	48
42	Enabling information sharing between E-commerce systems for construction material procurement. Automation in Construction, 2004, 13, 261-276.	4.8	47
43	Supply chain optimization tool for purchasing decisions in B2B construction marketplaces. Automation in Construction, 2007, 16, 569-575.	4.8	47
44	Simulation of Automated Data Collection in Buildings. Journal of Computing in Civil Engineering, 1995, 9, 9-20.	2.5	44
45	Perceiving Interactions on Construction Safety Behaviors: Workersâ€™ Perspective. Journal of Management in Engineering - ASCE, 2016, 32, .	2.6	44
46	USING AN INTEGRATED MODEL FOR SHAFT SINKING METHOD SELECTION / KOMPLEKSINIO MODELIO NAUDOJIMAS GRĖŽINIŲ ĮRENGIMO METODUI PARINKTI. Journal of Civil Engineering and Management, 2011, 17, 569-580.	1.7	43
47	Perceiving interactions and dynamics of safety leadership in construction projects. Safety Science, 2018, 106, 66-78.	2.6	39
48	A master-slave manipulator for excavation and construction tasks. Robotics and Autonomous Systems, 1989, 4, 333-337.	3.0	37
49	Risk assessment for enterprise resource planning (ERP) system implementations: a fault tree analysis approach. Enterprise Information Systems, 2013, 7, 332-353.	3.3	37
50	A neuro-fuzzy computational approach to constructability knowledge acquisition for construction technology evaluation. Automation in Construction, 1999, 8, 539-552.	4.8	36
51	Quantitative SWOT Analysis of Public Housing Delivery by Publicâ€“Private Partnerships in China Based on the Perspective of the Public Sector. Journal of Management in Engineering - ASCE, 2012, 28, 407-420.	2.6	36
52	Towards a safety management approach for adjacent buildings in tunneling environments: Case study in China. Building and Environment, 2014, 75, 222-235.	3.0	34
53	Framework for Decisionâ€Making on Implementing Robotics in Construction. Journal of Computing in Civil Engineering, 1988, 2, 188-201.	2.5	33
54	Robotics in Civil Engineering. Computer-Aided Civil and Infrastructure Engineering, 1995, 10, 371-381.	6.3	33

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55	Embedded System for Construction Asset Tracking Combining Radio and Ultrasound Signals. Journal of Computing in Civil Engineering, 2009, 23, 221-229.	2.5	33
56	Modeling and experimental validation of a solar-assisted direct expansion air conditioning system. Energy and Buildings, 2013, 66, 524-536.	3.1	32
57	Risk-based estimate for operational safety in complex projects under uncertainty. Applied Soft Computing Journal, 2017, 54, 108-120.	4.1	32
58	Hybrid Support Vector Machine Optimization Model for Prediction of Energy Consumption of Cutter Head Drives in Shield Tunneling. Journal of Computing in Civil Engineering, 2019, 33, .	2.5	32
59	Cognitive Force Control of Excavators. Journal of Aerospace Engineering, 1993, 6, 159-166.	0.8	31
60	ENTERPRISE RESOURCE PLANNING SYSTEMS IMPLEMENTATION AS A COMPLEX PROJECT: A CONCEPTUAL FRAMEWORK. Journal of Business Economics and Management, 2010, 11, 533-549.	1.1	31
61	Conservation of historical buildings in tunneling environments: Case study of Wuhan metro construction in China. Construction and Building Materials, 2015, 82, 310-322.	3.2	31
62	Factors Affecting 3D Printing Technology Adaptation in Construction. Journal of Construction Engineering and Management - ASCE, 2021, 147, .	2.0	31
63	IDENTIFICATION AND HIERARCHICAL STRUCTURE OF CRITICAL SUCCESS FACTORS FOR INNOVATION IN CONSTRUCTION PROJECTS: CHINESE PERSPECTIVE. Journal of Civil Engineering and Management, 2015, 22, 401-416.	1.9	30
64	Fuzzy Logic for Evaluating Alternative Construction Technology. Journal of Construction Engineering and Management - ASCE, 1998, 124, 297-304.	2.0	29
65	Conflict and consensus in stakeholder attitudes toward sustainable transport projects in China: An empirical investigation. Habitat International, 2016, 53, 473-484.	2.3	29
66	Integrating Neurofuzzy System with Conceptual Cost Estimation to Discover Cost-Related Knowledge from Residential Construction Projects. Journal of Computing in Civil Engineering, 2010, 24, 35-44.	2.5	27
67	Analysis of the First Polish BIM-Based Cost Estimation Application. Procedia Engineering, 2015, 123, 405-414.	1.2	27
68	Excavation Safety Modeling Approach Using BIM and VPL. Advances in Civil Engineering, 2019, 2019, 1-15.	0.4	27
69	Performance Evaluation of Construction Enterprise Resource Planning Systems. Journal of Management in Engineering - ASCE, 2008, 24, 198-206.	2.6	26
70	ULTRA-WIDE BAND APPLICATIONS IN INDUSTRY: A CRITICAL REVIEW / ULTRAPLAÄŒIOS JUOSTOS BANGÅ² TAIKYMAS PRAMONÄ–JE: KRITINÄ– APÅ½VALGA. Journal of Civil Engineering and Management, 2011, 17, 437-444.	1.9	26
71	Optimization strategies to eliminate interface conflicts in complex supply chains of construction projects. Journal of Civil Engineering and Management, 2017, 23, 712-726.	1.9	26
72	Automation and Robotics for Road Construction and Maintenance. Journal of Transportation Engineering, 1990, 116, 261-271.	0.9	25

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73	Cost-Benefit Analysis of Embedded Sensor System for Construction Materials Tracking. Journal of Construction Engineering and Management - ASCE, 2009, 135, 378-386.	2.0	25
74	Modeling face reliability in tunneling: A copula approach. Computers and Geotechnics, 2019, 109, 272-286.	2.3	25
75	A framework for developing a unified B2B e-trading construction marketplace. Automation in Construction, 2003, 12, 201-211.	4.8	24
76	A DECISION-MAKING MODEL FOR ADOPTION OF ENTERPRISE RESOURCE PLANNING TOOLS BY SMALL-TO-MEDIUM SIZE CONSTRUCTION ORGANIZATIONS / SPRENDIMÅ² PRIÄ–MIMO MODELIS, TAIKOMAS Ä®MONÄ–S IÅ TEKLIÅ² PLANAVIMO PRIEMONÄ–MS PARINKTI MAÅ½OSE IR VIDUTINÄ–SE STATYBOS ORGANIZACIJOSE. Journal of Civil Engineering and Management, 2012, 18, 253-264.	1.9	24
77	Performance analysis of Civil Engineering Journals based on the Web of ScienceÂ® database. Archives of Civil and Mechanical Engineering, 2014, 14, 519-527.	1.9	24
78	Object-oriented modeling of construction processes by unified modeling language. Automation in Construction, 2004, 13, 447-468.	4.8	23
79	Using the IKEA model and virtual prototyping technology to improve construction process management. Construction Management and Economics, 2008, 26, 991-1000.	1.8	23
80	A COMPUTERIZED RISK EVALUATION MODEL FOR PUBLIC-PRIVATE PARTNERSHIP (PPP) PROJECTS AND ITS APPLICATION. International Journal of Strategic Property Management, 2012, 16, 277-297.	0.8	23
81	Validating DFS concept in lifecycle subway projects in China based on incident case analysis and network analysis. Journal of Civil Engineering and Management, 2018, 24, 53-66.	1.9	22
82	Applicability of e-Work models for the automation of construction materials management systems. Production Planning and Control, 2003, 14, 789-797.	5.8	21
83	Dynamic risk analysis for adjacent buildings in tunneling environments: a Bayesian network based approach. Stochastic Environmental Research and Risk Assessment, 2015, 29, 1447-1461.	1.9	21
84	Clustering of designers based on building information modeling event logs. Computer-Aided Civil and Infrastructure Engineering, 2020, 35, 701-718.	6.3	21
85	Analysis of Robotic Surface Finishing Work on Construction Site. Journal of Construction Engineering and Management - ASCE, 1988, 114, 53-68.	2.0	20
86	DEVELOPING A CONCESSION PRICING MODEL FOR PPP HIGHWAY PROJECTS. International Journal of Strategic Property Management, 2012, 16, 201-217.	0.8	19
87	ORGANIZATIONAL GOVERNANCE TO INTEGRATE SUSTAINABILITY PROJECTS: A CASE STUDY. Technological and Economic Development of Economy, 2014, 20, 1-24.	2.3	19
88	Assessing Spatial Synergy Between Integrated Urban Rail Transit System and Urban Form: A BULI-Based MCLSGA Model With the Wisdom of Crowds. IEEE Transactions on Fuzzy Systems, 2023, 31, 434-448.	6.5	19
89	ELECTRONIC NETWORKING TECHNOLOGIES IN CONSTRUCTION. Journal of Construction Research, 2004, 05, 17-42.	0.3	18
90	Construction Automation and Robotics for High-Rise Buildings: Development Priorities and Key Challenges. Journal of Construction Engineering and Management - ASCE, 2020, 146, .	2.0	18

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91	Discovering optimal strategies for mitigating COVID-19 spread using machine learning: Experience from Asia. Sustainable Cities and Society, 2021, 75, 103254.	5.1	18
92	Empirical Analysis of Construction Enterprise Information Systems: Assessing System Integration, Critical Factors, and Benefits. Journal of Computing in Civil Engineering, 2011, 25, 347-356.	2.5	17
93	Success factors for the implementation of webâ€based construction project management systems. Construction Innovation, 2011, 11, 14-42.	1.5	17
94	Proportional hesitant 2â€tuple linguistic distance measurements and extended VIKOR method: Case study of evaluation and selection of green airport plans. International Journal of Intelligent Systems, 2022, 37, 4113-4162.	3.3	17
95	A Dynamic Decision Approach for Risk Analysis in Complex Projects. Journal of Intelligent and Robotic Systems: Theory and Applications, 2015, 79, 591-601.	2.0	16
96	Optimal Strategy to Mitigate Tunnel-Induced Settlement in Soft Soils: Simulation Approach. Journal of Performance of Constructed Facilities, 2019, 33, 04019058.	1.0	16
97	BIM-enabled construction innovation through collaboration: a mixed-methods systematic review. Engineering, Construction and Architectural Management, 2021, 28, 1541-1560.	1.8	16
98	Discovering spatial-temporal patterns via complex networks in investigating COVID-19 pandemic in the United States. Sustainable Cities and Society, 2022, 77, 103508.	5.1	16
99	How to protect historical buildings against tunnel-induced damage: A case study in China. Journal of Cultural Heritage, 2015, 16, 904-911.	1.5	15
100	The early warning system for determining the â€œnot in My Back Yardâ€•of heavy pollution projects based on public perception. Journal of Cleaner Production, 2021, 282, 125398.	4.6	15
101	A framework for programmable and flexible construction systems. Robotics and Autonomous Systems, 1989, 5, 135-150.	3.0	14
102	Web-Based Construction Project Specification System. Journal of Computing in Civil Engineering, 2010, 24, 212-221.	2.5	14
103	Knowledge Management for Risk Hedging by Construction Material Suppliers. Journal of Management in Engineering - ASCE, 2012, 28, 273-280.	2.6	14
104	Hybrid Recommendation Approach for Behavior Modification in the Chinese Construction Industry. Journal of Construction Engineering and Management - ASCE, 2019, 145, .	2.0	14
105	Simulation-Based Analysis of Tunnel Boring Machine Performance in Tunneling Excavation. Journal of Computing in Civil Engineering, 2016, 30, .	2.5	12
106	Human dynamics in near-miss accidents resulting from unsafe behavior of construction workers. Physica A: Statistical Mechanics and Its Applications, 2019, 530, 121495.	1.2	12
107	Utility assessment of Electronic Networking Technologies for Design-Build projects. Automation in Construction, 2003, 12, 167-183.	4.8	11
108	Immigration and Construction: Analysis of the Impact of Immigration on Construction Project Costs. Journal of Management in Engineering - ASCE, 2010, 26, 189-195.	2.6	11

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109	Assessment of Casualty and Economic Losses from Earthquakes Using Semi-empirical Model. Procedia Engineering, 2015, 123, 599-605.	1.2	11
110	How Many Types of Critical Activities Exist? A Conjecture in Need of Proof. Procedia Engineering, 2016, 164, 3-11.	1.2	11
111	Construction Automation and Robotics: From One-Offs to Follow-Ups Based on Practices of Chinese Construction Companies. Journal of Construction Engineering and Management - ASCE, 2020, 146, .	2.0	11
112	Construction Robot Fleet Management System Prototype. Journal of Computing in Civil Engineering, 1991, 5, 444-463.	2.5	10
113	Analysis and Evaluation of Alternative Technologies. Journal of Management in Engineering - ASCE, 1994, 10, 65-71.	2.6	9
114	Implementing a B2B e-Work System to the Approval Process of Rebar Design and Estimation. Journal of Computing in Civil Engineering, 2006, 20, 28-37.	2.5	9
115	ESTIMATING CAPITAL AND OPERATIONAL COSTS OF BACKHOE SHOVELS. Journal of Civil Engineering and Management, 2012, 18, 378-385.	1.9	9
116	Governing Government-Project Owner Relationships in Water Megaprojects: a Concession Game Analysis on Allocation of Control Rights. Water Resources Management, 2020, 34, 4003-4018.	1.9	9
117	Immigration and Construction: The Makeup of the Workforce in the Washington, D.C., Metropolitan Area. Journal of Construction Engineering and Management - ASCE, 2009, 135, 874-880.	2.0	8
118	Developing an ARIS-House-Based Method from Existing Information Systems to Project-Based Enterprise Resource Planning for General Contractor. Journal of Construction Engineering and Management - ASCE, 2010, 136, 199-209.	2.0	8
119	Impact of sustainability on integration and interoperability between BIM and ERP - A governance framework. , 2011, , .		8
120	THE ANALYSIS ON THE POLICY OF ACCESS TO ECONOMICALLY AFFORDABLE HOUSING IN CHINA: AN AREA CALCULATION MODEL BASED ON THE INCENTIVE MECHANISM DESIGN / GALIMYBIÅ² GAUTI Ä®PERKAMÄ„ BÅ³STÄ„ KINIJOJE POLITIKOS ANALIZÄ–: PLOTO SKAIÄŒIAVIMO MODELIS, PAGRÄ®STAS SKATINAMO. International Journal of Strategic Property Management, 2011, 15, 231-256.	0.8	8
121	Web-Based Project Management Framework for Dredging Projects. Journal of Management in Engineering - ASCE, 2012, 28, 127-139.	2.6	8
122	Green Building Construction Cost Surcharge: An Overview. Journal of Architectural Engineering, 2021, 27, .	0.8	8
123	Analytical and Experimental Approach for Assessing Vibration Serviceability of Highway Bridges Due to Heavy Vehicle Traffic. Baltic Journal of Road and Bridge Engineering, 2009, 4, 123-133.	0.4	8
124	Effects of Online Consumer Reviews on a Dual-Channel Closed-Loop Supply Chain With Trade-In. IEEE Transactions on Engineering Management, 2024, 71, 2168-2183.	2.4	8
125	An ergonomic analysis framework for construction tasks. Construction Management and Economics, 1990, 8, 329-338.	1.8	7
126	Linear programming approach to construction equipment and labour assignments. Civil Engineering and Environmental Systems, 1990, 7, 44-50.	0.2	7

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127	Motion planning for automated construction. Automation in Construction, 1994, 3, 71-78.	4.8	7
128	DECISION ANALYSIS FOR NEW CONSTRUCTION TECHNOLOGY IMPLEMENTATION. Civil Engineering and Environmental Systems, 1995, 12, 67-82.	0.2	7
129	Benefit-Cost Analysis of the Seismic Risk Mitigation for a Region with Moderate Seismicity: The Case of Tiberias, Israel. Procedia Engineering, 2014, 85, 536-542.	1.2	7
130	Automation potential of pipe laying operations. Automation in Construction, 1993, 2, 65-79.	4.8	6
131	Construction Robot Force Control in Cleaning Operations. Journal of Aerospace Engineering, 1994, 7, 33-49.	0.8	6
132	Selection of Construction Methods: A Knowledge-Based Approach. Scientific World Journal, The, 2013, 2013, 1-10.	0.8	6
133	Understanding the value of training in the professional workplace: a literature review. International Journal of Continuing Engineering Education and Life-Long Learning, 2015, 25, 347.	0.1	6
134	Exploring driving factors of smart city development under the physical-human society-cyber (P-H-C) space model. International Journal of Construction Management, 2022, 22, 2753-2763.	2.2	6
135	Environmental Particulate Matter (PM) Exposure Assessment of Construction Activities Using Low-Cost PM Sensor and Latin Hypercubic Technique. Sustainability, 2021, 13, 7797.	1.6	6
136	Modelling of building production activities for multifacility projects. Construction Management and Economics, 1989, 7, 357-365.	1.8	5
137	Framework for Construction Robot Fleet Management System. Journal of Construction Engineering and Management - ASCE, 1990, 116, 448-462.	2.0	5
138	Positionâ€Force Adaptive Control for Construction Robots. Journal of Aerospace Engineering, 1993, 6, 167-185.	0.8	5
139	GPS-Based Real-Time Guidance Information System for Marine Pier Construction. Journal of Surveying Engineering, - ASCE, 2013, 139, 84-94.	1.0	5
140	Assessment of Terrorism Risk to Critical Infrastructures: The Case of a Power-Supply Substation. Applied Sciences (Switzerland), 2020, 10, 7162.	1.3	5
141	Web-based real time bridge scour monitoring system for disaster management. Baltic Journal of Road and Bridge Engineering, 2014, 9, 17-25.	0.4	5
142	Cost Comparison Model for Contracting Out Government Services. Journal of Management in Engineering - ASCE, 1988, 4, 260-271.	2.6	4
143	Engineering Decision Support of Automated Shield Tunneling. Journal of Construction Engineering and Management - ASCE, 1991, 117, 674-690.	2.0	4
144	Logistics Support System for Construction Robotics Implementation. Computer-Aided Civil and Infrastructure Engineering, 1994, 9, 69-81.	6.3	4

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145	PUBLIC-PRIVATE PARTNERSHIP FOR EARTHQUAKE MITIGATION INVOLVING RETROFIT AND INSURANCE. Technological and Economic Development of Economy, 2017, 23, 810-826.	2.3	4
146	Value Proposition for Enabling Construction Project Innovation by Applying Building Information Modeling. Computational Intelligence and Neuroscience, 2022, 2022, 1-13.	1.1	4
147	Comparison of U.S. and Japanese Practices in Public Construction. Journal of Construction Engineering and Management - ASCE, 1989, 115, 499-516.	2.0	3
148	A Systematic Approach to Industrial Technology Transfer: A Conceptual Framework and a Proposed Methodology. Journal of Information Technology, 1989, 4, 7-16.	2.5	3
149	Managing multiple construction robots with a computer. Automation in Construction, 1993, 2, 199-216.	4.8	3
150	Utility of Internet-Based Applications in Construction. International Journal of Construction Management, 2002, 2, 65-81.	2.2	3
151	Economic Feasibility of Web-Based Project Management Solutions. International Journal of Construction Management, 2005, 5, 103-121.	2.2	3
152	Enabling e-business tools and robotics technology for teleconstruction. Autonomous Robots, 2007, 22, 293-304.	3.2	3
153	An Ergonomic Analysis Framework for Construction Robot Performance Requirements. , 1988, , .		3
154	Construction Robotic Equipment Management System (CREMS). , 1989, , .		3
155	EMBEDDED REMOTE GROUP ENVIRONMENT THROUGH MODIFICATION IN MACBETH â€“ AN APPLICATION OF CONTRACTORâ€™S SELECTION IN CONSTRUCTION. Journal of Civil Engineering and Management, 2021, 27, 595-616.	1.9	3
156	Potential for application of plastic liner plates in tunnelling works. Construction Management and Economics, 1990, 8, 3-11.	1.8	2
157	Simulation-Hybrid Approach to Protecting Aging Bridges against Nearby Tunnel Excavation. Journal of Performance of Constructed Facilities, 2018, 32, 04018052.	1.0	2
158	Construction Robot Implementation Logistics. , 1990, , .		2
159	MEASURING VALUE-ADDED-ORIENTED BIM CLIMATE IN CONSTRUCTION PROJECTS: DIMENSIONS AND INDICATORS. Journal of Civil Engineering and Management, 2020, 26, 800-818.	1.9	2
160	The impact of the design team characteristics on the sustainable building construction cost: structural equation model analysis. Architectural Engineering and Design Management, 2022, 18, 614-630.	1.2	2
161	Information management system for new construction technologies. Construction Management and Economics, 1991, 9, 39-49.	1.8	1
162	OPTIMAL CONFIGURATION OF ELECTRONIC NETWORKING TECHNOLOGIES FOR SUPPORTING D/B PROJECTS. Journal of Civil Engineering and Management, 2002, 8, 240-254.	1.9	1

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163	Noise Evaluation for Pavement Maintenance in Metropolitan Highway Bridges. Journal of Performance of Constructed Facilities, 2009, 23, 181-189.	1.0	1
164	Risk governance framework for enterprise-wide application implementations. , 2011, , .		1
165	Automation in Concrete Construction. , 2008, , .		1
166	E-Portal for Construction Engineers: Integrated Construction Information Portal Using 4-Tier Architecture. International Journal of Construction Management, 2007, 7, 83-99.	2.2	0
167	OPTIMAL CONFIGURATION OF ELECTRONIC NETWORKING TECHNOLOGIES FOR SUPPORTING D/B PROJECTS. Journal of Civil Engineering and Management, 2002, 8, 240-254.	1.9	0