Miroslaw J Skibniewski

List of Publications by Citations

163	4,465	37	60
papers	citations	h-index	g-index

168	5,294	4.8	5.93
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
163	Selection of performance objectives and key performance indicators in public–private partnership projects to achieve value for money. *Construction Management and Economics*, **2009**, 27, 253-270	3	177
162	Decision Criteria in Contractor Prequalification. *Journal of Management in Engineering - ASCE*, **1988**, 4, 148-164	5.3	158
161	Bayesian-network-based safety risk analysis in construction projects. *Reliability Engineering and System Safety*, **2014**, 131, 29-39	6.3	151
160	Evaluation of Advanced Construction Technology with AHP Method. *Journal of Construction Engineering and Management - ASCE*, **1992**, 118, 577-593	4.2	142
159	Wireless sensor networks as part of a web-based building environmental monitoring system. *Automation in Construction*, **2008**, 17, 729-736	9.6	120
158	Web-based construction project management systems: how to make them successful?. *Automation in Construction*, **2004**, 13, 491-506	9.6	117
157	A dynamic Bayesian network based approach to safety decision support in tunnel construction. *Reliability Engineering and System Safety*, **2015**, 134, 157-168	6.3	109
156	Towards a Fuzzy Bayesian Network Based Approach for Safety Risk Analysis of Tunnel-Induced Pipeline Damage. *Risk Analysis*, **2016**, 36, 278-301	3.9	106
155	Qualifier-2: Knowledge-Based System for Contractor Prequalification. *Journal of Construction Engineering and Management - ASCE*, **1990**, 116, 157-171	4.2	82
154	Developing Key Performance Indicators for Public-Private Partnership Projects: Questionnaire Survey and Analysis. *Journal of Management in Engineering - ASCE*, **2012**, 28, 252-264	5.3	78
153	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	4.7	77
152	Estimating Construction Productivity: Neural-Network-Based Approach. *Journal of Computing in Civil Engineering*, **1994**, 8, 234-251	5	77
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147	A probabilistic approach for safety risk analysis in metro construction. *Safety Science*, **2014**, 63, 8-17	5.8	73

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145	Contractor prequalification data for construction owners. *Construction Management and Economics*, **1992**, 10, 117-135	3	71
144	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	16.7	69
143	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	5.3	68
142	Analyzing Enterprise Resource Planning System Implementation Success Factors in the Engineering Construction Industry. *Journal of Computing in Civil Engineering*, **2008**, 22, 373-382	5	67
141	BOT Viability Model for Large-Scale Infrastructure Projects. *Journal of Construction Engineering and Management - ASCE*, **2007**, 133, 50-63	4.2	67
140	An improved Dempster Shafer approach to construction safety risk perception. *Knowledge-Based Systems*, **2017**, 132, 30-46	7.3	66
139	Dynamic Model of Excavator. *Journal of Aerospace Engineering*, **1993**, 6, 148-158	1.4	66
138	Automated recognition of surface defects using digital color image processing. *Automation in Construction*, **2006**, 15, 540-549	9.6	65
137	Decision support analysis for safety control in complex project environments based on Bayesian Networks. *Expert Systems With Applications*, **2013**, 40, 4273-4282	7.8	64
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131	Developing ERP Systems Success Model for the Construction Industry. *Journal of Construction Engineering and Management - ASCE*, **2009**, 135, 207-216	4.2	54
130	Safety management in tunnel construction: Case study of Wuhan metro construction in China. *Safety Science*, **2014**, 62, 8-15	5.8	52
129	A novel model for risk assessment of adjacent buildings in tunneling environments. *Building and Environment*, **2013**, 65, 185-194	6.5	49

128	Neural Network Method of Estimating Construction Technology Acceptability. *Journal of Construction Engineering and Management - ASCE*, **1995**, 121, 130-142	4.2	47
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126	Supply chain optimization tool for purchasing decisions in B2B construction marketplaces. *Automation in Construction*, **2007**, 16, 569-575	9.6	36
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117	Perceiving Interactions on Construction Safety Behaviors: Workers Perspective. *Journal of Management in Engineering - ASCE*, **2016**, 32, 04016012	5.3	28
116	Conservation of historical buildings in tunneling environments: Case study of Wuhan metro construction in China. *Construction and Building Materials*, **2015**, 82, 310-322	6.7	27
115	Towards a safety management approach for adjacent buildings in tunneling environments: Case study in China. *Building and Environment*, **2014**, 75, 222-235	6.5	27
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113	A neuro-fuzzy computational approach to constructability knowledge acquisition for construction technology evaluation. *Automation in Construction*, **1999**, 8, 539-552	9.6	27
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90	Performance analysis of Civil Engineering Journals based on the Web of Science database. *Archives of Civil and Mechanical Engineering*, **2014**, 14, 519-527	3.4	17
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88	Analysis of the First Polish BIM-Based Cost Estimation Application. *Procedia Engineering*, **2015**, 123, 405-414		16
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86	A DECISION-MAKING MODEL FOR ADOPTION OF ENTERPRISE RESOURCE PLANNING TOOLS BY SMALL-TO-MEDIUM SIZE CONSTRUCTION ORGANIZATIONS / SPRENDIMŲ PRIĖMIMO MODELIS, TAIKOMAS Į MONIŲ IŠTEKLIŲ PLANAVIMO PRIEMONĖMS PARINKTI MAŽOSE IR VIDUTINĖSE STATYBOS ORGANIZACIJOSE. *Journal of Civil Engineering and Management*, **2012**, 18, 253-264	3	16
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35	Engineering Decision Support of Automated Shield Tunneling. *Journal of Construction Engineering and Management - ASCE*, **1991**, 117, 674-690	4.2	4
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3	OPTIMAL CONFIGURATION OF ELECTRONIC NETWORKING TECHNOLOGIES FOR SUPPORTING D/B PROJECTS. *Journal of Civil Engineering and Management*, **2002**, 8, 240-254	3	

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LIST OF PUBLICATIONS

2   OPTIMAL CONFIGURATION OF ELECTRONIC NETWORKING TECHNOLOGIES FOR SUPPORTING D/B PROJECTS. *Journal of Civil Engineering and Management*, **2002**, 8, 240-254   3

1   The impact of the design team characteristics on the sustainable building construction cost: structural equation model analysis. *Architectural Engineering and Design Management*,1-17   1.2