Moonseo Park

List of Publications by Year
in descending order

100 papers	3,036 citations	159358 30 h-index	189595 50 g-index
100 all docs	100 docs citations	100 times ranked	1996 citing authors

#	Article	IF	Citations
1	A system dynamics approach for modeling construction workers' safety attitudes and behaviors. Accident Analysis and Prevention, 2014, 68, 95-105.	3.0	211
2	RFID-Based Real-Time Locating System for Construction Safety Management. Journal of Computing in Civil Engineering, 2012, 26, 366-377.	2.5	143
3	Dynamic planning and control methodology for strategic and operational construction project management. Automation in Construction, 2006, 15, 84-97.	4.8	95
4	Dynamic change management for construction: introducing the change cycle into model-based project management. System Dynamics Review, 2003, 19, 213-242.	1.1	87
5	Quality and Change Management Model for Large Scale Concurrent Design and Construction Projects. Journal of Construction Engineering and Management - ASCE, 2005, 131, 890-902.	2.0	85
6	A hierarchical structural model of assessing innovation and project performance. Construction Management and Economics, 2005, 23, 565-577.	1.8	82
7	Strategic-Operational Construction Management: Hybrid System Dynamics and Discrete Event Approach. Journal of Construction Engineering and Management - ASCE, 2008, 134, 701-710.	2.0	82
8	Longitudinal analysis of normative energy use feedback on dormitory occupants. Applied Energy, 2017, 189, 623-639.	5.1	80
9	Effects of Schedule Pressure on Construction Performance. Journal of Construction Engineering and Management - ASCE, 2006, 132, 182-188.	2.0	74
10	Dynamic Planning for Fast-Tracking Building Construction Projects. Journal of Construction Engineering and Management - ASCE, 2001, 127, 445-456.	2.0	72
11	Construction policymaking: With an example of singaporean government's policy to diffuse prefabrication to private sector. KSCE Journal of Civil Engineering, 2011, 15, 771-779.	0.9	67
12	Project cost estimation using principal component regression. Construction Management and Economics, 2005, 23, 295-304.	1.8	65
13	Framework for Work-Space Planning Using Four-Dimensional BIM in Construction Projects. Journal of Construction Engineering and Management - ASCE, 2014, 140, .	2.0	65
14	Automated hazardous area identification using laborers' actual and optimal routes. Automation in Construction, 2016, 65, 21-32.	4.8	65
15	Dynamic Modeling for Construction Innovation. Journal of Management in Engineering - ASCE, 2004, 20, 170-177.	2.6	59
16	Model-based dynamic resource management for construction projects. Automation in Construction, 2005, 14, 585-598.	4.8	56
17	Cost estimation model for building projects using case-based reasoning. Canadian Journal of Civil Engineering, 2011, 38, 570-581.	0.7	53
18	Case Adaptation Method of Case-Based Reasoning for Construction Cost Estimation in Korea. Journal of Construction Engineering and Management - ASCE, 2012, 138, 43-52.	2.0	52

#	Article	IF	Citations
19	Reliability Buffering for Construction Projects. Journal of Construction Engineering and Management - ASCE, 2004, 130, 626-637.	2.0	51
20	Construction Risk Assessment Using Site Influence Factors. Journal of Computing in Civil Engineering, 2012, 26, 319-330.	2.5	50
21	Ontology-based construction knowledge retrieval system. KSCE Journal of Civil Engineering, 2013, 17, 1654-1663.	0.9	47
22	Construction Noise Management Using Active Noise Control Techniques. Journal of Construction Engineering and Management - ASCE, 2016, 142, .	2.0	46
23	Weather-Delay Simulation Model Based on Vertical Weather Profile for High-Rise Building Construction. Journal of Construction Engineering and Management - ASCE, 2016, 142, .	2.0	43
24	Predicting hourly energy consumption in buildings using occupancy-related characteristics of end-user groups. Energy and Buildings, 2017, 156, 121-133.	3.1	43
25	Reliability and Stability Buffering Approach: Focusing on the Issues of Errors and Changes in Concurrent Design and Construction Projects. Journal of Construction Engineering and Management - ASCE, 2006, 132, 452-464.	2.0	42
26	Energy efficiency-based course timetabling for university buildings. Energy, 2017, 139, 394-405.	4.5	42
27	Construction Planning Method Using Case-Based Reasoning (CONPLA-CBR). Journal of Computing in Civil Engineering, 2007, 21, 410-422.	2.5	40
28	Covariance effect analysis of similarity measurement methods for early construction cost estimation using case-based reasoning. Automation in Construction, 2017, 81, 254-266.	4.8	40
29	Probabilistic Duration Estimation Model for High-Rise Structural Work. Journal of Construction Engineering and Management - ASCE, 2009, 135, 1289-1298.	2.0	34
30	Supply chain management model for ready mixed concrete. Automation in Construction, 2011, 20, 44-55.	4.8	34
31	Performance evaluation of normalization-based CBR models for improving construction cost estimation. Automation in Construction, 2020, 119, 103329.	4.8	33
32	The attribute impact concept: Applications in case-based reasoning and parametric cost estimation. Automation in Construction, 2014, 43, 195-203.	4.8	32
33	Web-Enabled System Dynamics Model for Error and Change Management on Concurrent Design and Construction Projects. Journal of Computing in Civil Engineering, 2006, 20, 290-300.	2.5	31
34	Transaction-Cost-Based Selection of Appropriate General Contractor-Subcontractor Relationship Type. Journal of Construction Engineering and Management - ASCE, 2009, 135, 1232-1240.	2.0	31
35	Military Facility Cost Estimation System Using Case-Based Reasoning in Korea. Journal of Computing in Civil Engineering, 2011, 25, 218-231.	2.5	31
36	Stimulating Construction Innovation in Singapore through the National System of Innovation. Journal of Construction Engineering and Management - ASCE, 2006, 132, 1069-1082.	2.0	30

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37	Automated Time-Series Cost Forecasting System for Construction Materials. Journal of Construction Engineering and Management - ASCE, 2012, 138, 1259-1269.	2.0	30
38	Application of knowledge management technologies in Korean small and medium-sized construction companies. KSCE Journal of Civil Engineering, 2013, 17, 22-32.	0.9	29
39	Hybrid Simulation Framework for Immediate Facility Restoration Planning after a Catastrophic Disaster. Journal of Construction Engineering and Management - ASCE, 2016, 142, .	2.0	29
40	Energy efficiency of end-user groups for personalized HVAC control in multi-zone buildings. Energy, 2020, 206, 118116.	4.5	29
41	Analysis of safety risk factors of modular construction to identify accident trends. Journal of Asian Architecture and Building Engineering, 2022, 21, 1040-1052.	1.2	29
42	Bayesian network-based seismic damage estimation for power and potable water supply systems. Reliability Engineering and System Safety, 2020, 197, 106796.	5.1	29
43	Lifting demand-based zoning for minimizing worker vertical transportation time in high-rise building construction. Automation in Construction, 2013, 32, 88-95.	4.8	27
44	Information Retrieval Framework for Hazard Identification in Construction. Journal of Computing in Civil Engineering, 2015, 29, .	2.5	27
45	Construction Noise Prediction Model Based on Case-Based Reasoning in the Preconstruction Phase. Journal of Construction Engineering and Management - ASCE, 2017, 143, .	2.0	27
46	Construction Noise Risk Assessment Model Focusing on Construction Equipment. Journal of Construction Engineering and Management - ASCE, 2018, 144, .	2.0	26
47	Compensation Cost Estimation Model for Construction Noise Claims Using Case-Based Reasoning. Journal of Construction Engineering and Management - ASCE, 2019, 145, .	2.0	26
48	Data Preprocessingâ€"Based Parametric Cost Model for Building Projects: Case Studies of Korean Construction Projects. Journal of Construction Engineering and Management - ASCE, 2010, 136, 844-853.	2.0	25
49	Energy consumption in households while unoccupied: Evidence from dormitories. Energy and Buildings, 2015, 87, 335-341.	3.1	25
50	International Diversification and Performance of Construction Companies: Moderating Effect of Regional, Product, and Industry Diversifications. Journal of Management in Engineering - ASCE, 2019, 35, .	2.6	25
51	Tower Crane Location Optimization for Heavy Unit Lifting in High-Rise Modular Construction. Buildings, 2021, 11, 121.	1.4	25
52	Determining retrofit technologies for building energy performance. Journal of Asian Architecture and Building Engineering, 2020, 19, 367-383.	1.2	24
53	A REAL-TIME LOCATION-BASED CONSTRUCTION LABOR SAFETY MANAGEMENT SYSTEM. Journal of Civil Engineering and Management, 2014, 20, 724-736.	1.9	23
54	Integrated Design Process for Modular Construction Projects to Reduce Rework. Sustainability, 2020, 12, 530.	1.6	21

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55	CONSTRUCTION KNOWLEDGE EVALUATION USING EXPERT INDEX. Journal of Civil Engineering and Management, 2010, 16, 401-411.	1.9	20
56	Boost, Control, or Both of Korean Housing Market: 831 Countermeasures. Journal of Construction Engineering and Management - ASCE, 2010, 136, 693-701.	2.0	18
57	Comparison of Emergency Response Abilities and Evacuation Performance Involving Vulnerable Occupants in Building Fire Situations. Sustainability, 2020, 12, 87.	1.6	17
58	Dynamic analysis of the effects of mortgage-lending policies in a real estate market. Mathematical and Computer Modelling, 2013, 57, 2106-2120.	2.0	16
59	Influence Factors of Learning-Curve Effect in High-Rise Building Constructions. Journal of Construction Engineering and Management - ASCE, 2015, 141, .	2.0	16
60	Workflow dependency approach for modular building construction manufacturing process using Dependency Structure Matrix (DSM). KSCE Journal of Civil Engineering, 2017, 21, 1525-1535.	0.9	16
61	Floor-Level Construction Material Layout Planning Model Considering Actual Travel Path. Journal of Construction Engineering and Management - ASCE, 2012, 138, 905-915.	2.0	15
62	Multiobjective optimization for modular unit production lines focusing on crew allocation and production performance. Automation in Construction, 2021, 125, 103581.	4.8	15
63	Construction worker hoisting simulation for sky-lobby lifting system. Automation in Construction, 2017, 73, 166-174.	4.8	13
64	Impact of Demand-Side Response on Community Resilience: Focusing on a Power Grid after Seismic Hazards. Journal of Management in Engineering - ASCE, 2020, 36, .	2.6	13
65	A systems thinking approach to the new administrative capital in Korea: balanced development or not?. System Dynamics Review, 2005, 21, 69-85.	1.1	12
66	Distributed and interoperable simulation for comprehensive disaster response management in facilities. Automation in Construction, 2018, 93, 12-21.	4.8	12
67	Business Models and Performance of International Construction Companies. Sustainability, 2019, 11, 2575.	1.6	12
68	Classification of Modular Building Construction Projects Based on Schedule-Driven Approach. Journal of Construction Engineering and Management - ASCE, 2019, 145, .	2.0	12
69	Cost Performance Comparison of Design-Build and Design-Bid-Build for Building and Civil Projects Using Mediation Analysis. Journal of Construction Engineering and Management - ASCE, 2020, 146, .	2.0	12
70	Multimethod Supply Chain Simulation Model for High-Rise Building Construction Projects. Journal of Computing in Civil Engineering, 2018, 32, 04018007.	2.5	11
71	Construction Cost Estimation Using a Case-Based Reasoning Hybrid Genetic Algorithm Based on Local Search Method. Sustainability, 2020, 12, 7920.	1.6	10
72	Predicting project cost overrun levels in bidding stage using ensemble learning. Journal of Asian Architecture and Building Engineering, 2020, 19, 586-599.	1.2	10

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73	Quality and Change Management Framework for Concurrent Design and Construction. , 2003, , 1.		9
74	Scheduling decisions and their dynamic consequences on construction performance. KSCE Journal of Civil Engineering, 2010, 14, 251-259.	0.9	9
75	Agent-Based Lift System Simulation Model for High-Rise Building Construction Projects. Journal of Computing in Civil Engineering, 2017, 31, .	2.5	9
76	DYNAMIC MODELING FOR APARTMENT BRAND MANAGEMENT IN THE HOUSING MARKET. International Journal of Strategic Property Management, 2017, 21, 357-370.	0.8	9
77	Effect of Dynamic Emergency Cues on Fire Evacuation Performance in Public Buildings. Journal of Infrastructure Systems, 2018, 24, .	1.0	9
78	Preliminary Service Life Estimation Model for MEP Components Using Case-Based Reasoning and Genetic Algorithm. Sustainability, 2019, 11, 3074.	1.6	8
79	Damage Propagation from Component Level to System Level in the Electricity Sector. Journal of Infrastructure Systems, 2018, 24, .	1.0	7
80	KOREA N REAL ESTATE MARKET AND BOOSTING POLICIES: FOCUSING ON MORTGAGE LOANS. International Journal of Strategic Property Management, 2010, 14, 157-172.	0.8	6
81	Productivity management methodology using productivity achievement ratio. KSCE Journal of Civil Engineering, 2011, 15, 23-31.	0.9	6
82	Dynamic Feasibility Analysis of the Housing Supply Strategies in a Recession: Korean Housing Market. Journal of Construction Engineering and Management - ASCE, 2013, 139, 148-160.	2.0	6
83	Quantity based active schematic estimating (Q-BASE) model. KSCE Journal of Civil Engineering, 2013, 17, 9-21.	0.9	6
84	Early-stage cost estimation model for power generation project with limited historical data. Engineering, Construction and Architectural Management, 2022, 29, 2599-2614.	1.8	5
85	Productivity Forecasting of Newly Added Workers Based on Time-Series Analysis and Site Learning. Journal of Construction Engineering and Management - ASCE, 2015, 141, .	2.0	4
86	High Level Architecture (HLA) compliant distributed simulation platform for disaster preparedness and response in facility management. , 2016, , .		4
87	A Study of the Tower Crane Hoisting Time Estimation Simulation Model with Climate Element for the High-Rise Building Construction. Korean Journal of Construction Engineering and Management, 2013, 14, 96-107.	0.1	4
88	Analysis of Building Emergency Evacuation Process with Interactions in Human Behaviors. Korean Journal of Construction Engineering and Management, 2013, 14, 49-60.	0.1	4
89	Dynamic Project Management: An Application of System Dynamics in Construction Engineering and Management. Intelligent Systems, Control and Automation: Science and Engineering, 2014, , 219-231.	0.3	3
90	Dynamic Resource Management. , 2005, , 1.		2

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91	A Framework for Post-disaster Facility Restoration Management: Needs and Requirements for the Use of Hybrid Simulation. , 2014, , .		2
92	Estimating the performance of heavy impact sound insulation using empirical approaches. Journal of Asian Architecture and Building Engineering, 2021, 20, 298-313.	1.2	2
93	System dynamics-based strategies to diffuse construction VE in the public sector. KSCE Journal of Civil Engineering, 2012, 16, 486-498.	0.9	1
94	System Dynamics Modeling of Korean Lease Contract Chonsei. Korean Journal of Construction Engineering and Management, 2012, 13, 153-164.	0.1	1
95	Analysis on Offset Factors of Learning Curve Effect and Estimation of Labor Productivity in High-rise Projects. Korean Journal of Construction Engineering and Management, 2013, 14, 38-48.	0.1	1
96	Closure to â€œDynamic Planning for Fast-Tracking Building Construction Projectsâ€•by Feniosky PeÃ±a-Mora and Moonseo Park. Journal of Construction Engineering and Management - ASCE, 2003, 129, 706-706.	2.0	0
97	An Interoperable Coordination Method for Sharing Communication Information Using BCF (BIM) Tj ETQq1 1 0.784314 rgBT /Overlock		0
98	Simulation-based evaluation of bottleneck in a CBR protective facility. KSCE Journal of Civil Engineering, 2018, 22, 408-416.	0.9	0
99	Housing Market Participants' Decision Process and The Dynamics of Ripple Effect on Korean Housing Market - Focusing on The Cause of Housing Market Stagnation and Housing Policies After 2008 Global Financial Crisis -. Korean Journal of Construction Engineering and Management, 2014, 15, 147-159.	0.1	0
100	Chemical/Biological/Radiological Protective Facility Entering Time Estimation Simulation with Procedure Analysis. Korean Journal of Construction Engineering and Management, 2014, 15, 40-48.	0.1	0