Sangyoon

List of Publications by Year
in descending order

23 papers	**775** citations	759233 **12** h-index	794594 **19** g-index
23 all docs	**23** docs citations	**23** times ranked	**570** citing authors

#	ARTICLE	IF	CITATIONS
1	A service-oriented integrated information framework for RFID/WSN-based intelligent construction supply chain management. Automation in Construction, 2011, 20, 706-715.	9.8	136
2	RFID+4D CAD for Progress Management of Structural Steel Works in High-Rise Buildings. Journal of Computing in Civil Engineering, 2008, 22, 74-89.	4.7	120
3	Machine learning predictive model based on national data for fatal accidents of construction workers. Automation in Construction, 2020, 110, 102974.	9.8	102
4	Comparable Performance Measurement System for Construction Companies. Journal of Management in Engineering - ASCE, 2007, 23, 131-139.	4.8	97
5	Measurement of Construction BIM Value Based on a Case Study of a Large-Scale Building Project. Journal of Management in Engineering - ASCE, 2017, 33, .	4.8	46
6	A process-based quality management information system. Automation in Construction, 2004, 13, 241-259.	9.8	44
7	Object-Oriented Model for Integrating Construction Product and Process Information. Journal of Computing in Civil Engineering, 1996, 10, 204-212.	4.7	42
8	A development of next generation intelligent construction liftcar toolkit for vertical material movement management. Automation in Construction, 2011, 20, 14-27.	9.8	42
9	Assessment of BIM acceptance degree of Korean AEC participants. KSCE Journal of Civil Engineering, 2016, 20, 1163-1177.	1.9	34
10	A Discrepancy Analysis of BIM-Based Quantity Take-Off for Building Interior Components. Journal of Management in Engineering - ASCE, 2019, 35, .	4.8	26
11	Informatization Index for the Construction Industry. Journal of Computing in Civil Engineering, 2004, 18, 267-276.	4.7	22
12	In-situ concrete slump test incorporating deep learning and stereo vision. Automation in Construction, 2021, 121, 103432.	9.8	19
13	Realtime 4D CAD = RFID for Project Progress Management. , 2005, , 1.		12
14	A study on scan data matching for reverse engineering of pipes in plant construction. KSCE Journal of Civil Engineering, 2017, 21, 2027-2036.	1.9	11
15	Automatic Stereo Vision-Based Inspection System for Particle Shape Analysis of Coarse Aggregates. Journal of Computing in Civil Engineering, 2022, 36, .	4.7	5
16	Determining the optimal long-term service agreement period and cost considering the uncertain factors in the fuel cell: From the perspectives of the sellers and generators. Applied Energy, 2019, 237, 378-389.	10.1	4
17	Generate-Select-Check Based Daily Reporting System. Journal of Computing in Civil Engineering, 2005, 19, 412-425.	4.7	3
18	What Authentication Technology Should Be Chosen for Construction Manpower Management?. Procedia Engineering, 2017, 196, 309-314.	1.2	3

#	Article	IF	Citations
19	A Construction Supply Chain Management Process with RFID/WSN-based Logistics Equipment. Journal of Construction Engineering and Project Management, 2012, 2, 11-19.	0.6	3
20	Decision-making support model for reusable construction materials in multiple project management. Canadian Journal of Civil Engineering, 2009, 36, 304-319.	1.3	2
21	An Analysis of the Problems of BIM-Based Drawings and Implementation During the Construction Document Phase. , 2019, , .		2
22	Parametric Library Components for BIM-Based Curtain Wall Design Automation Module. , 2016, , .		0
23	An Accident Notification System in Concrete Pouring using Sound Analysis. , 2018, , .		0