Changyoon Kim

List of Publications by Year
in descending order

13 papers	500 citations	932766 10 h-index	1199166 12 g-index
13 all docs	13 docs citations	13 times ranked	470 citing authors

#	Article	IF	Citations
1	On-site construction management using mobile computing technology. Automation in Construction, 2013, 35, 415-423.	4.8	123
2	4D CAD model updating using image processing-based construction progress monitoring. Automation in Construction, 2013, 35, 44-52.	4.8	106
3	Object Recognition in Construction-Site Images Using 3D CAD-Based Filtering. Journal of Computing in Civil Engineering, 2010, 24, 56-64.	2.5	61
4	Interactive Modeler for Construction Equipment Operation Using Augmented Reality. Journal of Computing in Civil Engineering, 2012, 26, 331-341.	2.5	38
5	3D/4D CAD Applicability for Life-Cycle Facility Management. Journal of Computing in Civil Engineering, 2011, 25, 129-138.	2.5	37
6	Ubiquitous Sensor Network for Construction Material Monitoring. Journal of Construction Engineering and Management - ASCE, 2011, 137, 158-165.	2.0	35
7	Applicability of 4D CAD in Civil Engineering Construction: Case Study of a Cable-Stayed Bridge Project. Journal of Computing in Civil Engineering, 2011, 25, 98-107.	2.5	27
8	RFID and CCTV-Based Material Delivery Monitoring for Cable-Stayed Bridge Construction. Journal of Computing in Civil Engineering, 2012, 26, 183-190.	2.5	21
9	Determining the optimal installation timing of building integrated photovoltaic systems. Journal of Cleaner Production, 2017, 140, 1322-1329.	4.6	20
10	Interactive 3D CAD for Effective Derrick Crane Operation in a Cable-Stayed Bridge Construction. Journal of Construction Engineering and Management - ASCE, 2009, 135, 1261-1270.	2.0	18
11	Error-Correction Methods for Construction Site Image Processing under Changing Illumination Conditions. Journal of Computing in Civil Engineering, 2013, 27, 99-109.	2.5	6
12	On-Site Safety Management Using Image Processing and Fuzzy Inference. , 2014, , .		5
13	Estimating the effect of module failures on the gross generation of a photovoltaic system using agent-based modeling. Renewable and Sustainable Energy Reviews, 2018, 91, 1019-1024.	8.2	3