

# Sangyoon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4616926/publications.pdf>

Version: 2024-02-01

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	Automatic Stereo Vision-Based Inspection System for Particle Shape Analysis of Coarse Aggregates. Journal of Computing in Civil Engineering, 2022, 36, .	4.7	5
2	In-situ concrete slump test incorporating deep learning and stereo vision. Automation in Construction, 2021, 121, 103432.	9.8	19
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	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
5	A Discrepancy Analysis of BIM-Based Quantity Take-Off for Building Interior Components. Journal of Management in Engineering - ASCE, 2019, 35, .	4.8	26
6	An Analysis of the Problems of BIM-Based Drawings and Implementation During the Construction Document Phase. , 2019, , .		2
7	An Accident Notification System in Concrete Pouring using Sound Analysis. , 2018, , .		0
8	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
9	What Authentication Technology Should Be Chosen for Construction Manpower Management?. Procedia Engineering, 2017, 196, 309-314.	1.2	3
10	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
11	Assessment of BIM acceptance degree of Korean AEC participants. KSCE Journal of Civil Engineering, 2016, 20, 1163-1177.	1.9	34
12	Parametric Library Components for BIM-Based Curtain Wall Design Automation Module. , 2016, , .		0
13	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
14	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
15	A development of next generation intelligent construction liftcar toolkit for vertical material movement management. Automation in Construction, 2011, 20, 14-27.	9.8	42
16	Decision-making support model for reusable construction materials in multiple project management. Canadian Journal of Civil Engineering, 2009, 36, 304-319.	1.3	2
17	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
18	Comparable Performance Measurement System for Construction Companies. Journal of Management in Engineering - ASCE, 2007, 23, 131-139.	4.8	97

#	ARTICLE	IF	CITATIONS
19	Generate-Select-Check Based Daily Reporting System. Journal of Computing in Civil Engineering, 2005, 19, 412-425.	4.7	3
20	Realtime 4D CAD = RFID for Project Progress Management. , 2005, , 1.		12
21	Informatization Index for the Construction Industry. Journal of Computing in Civil Engineering, 2004, 18, 267-276.	4.7	22
22	A process-based quality management information system. Automation in Construction, 2004, 13, 241-259.	9.8	44
23	Object-Oriented Model for Integrating Construction Product and Process Information. Journal of Computing in Civil Engineering, 1996, 10, 204-212.	4.7	42