

Tae Wan Kim

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

656
citations

567144

15
h-index

610775

24
g-index

38
all docs

38
docs citations

38
times ranked

499
citing authors

#	ARTICLE	IF	CITATIONS
1	What Matters for Students' Use of Physical Library Space?. Journal of Academic Librarianship, 2015, 41, 274-279.	1.3	74
2	Opportunities and challenges of modular methods in dense urban environment. International Journal of Construction Management, 2019, 19, 93-105.	2.2	62
3	Recipes for Cost and Schedule Successes in Industrial Modular Projects: Qualitative Comparative Analysis. Journal of Construction Engineering and Management - ASCE, 2016, 142, .	2.0	60
4	Spatial perception of ceiling height and type variation in immersive virtual environments. Building and Environment, 2019, 163, 106285.	3.0	37
5	Comparison of Worker Safety Risks between Onsite and Offsite Construction Methods: A Site Management Perspective. Journal of Construction Engineering and Management - ASCE, 2020, 146, .	2.0	34
6	A knowledge-based framework for automated space-use analysis. Automation in Construction, 2013, 32, 165-176.	4.8	27
7	System Dynamic Analysis of Impacts of Government Charges on Disposal of Construction and Demolition Waste: A Hong Kong Case Study. Sustainability, 2018, 10, 1077.	1.6	27
8	A framework for group activity detection and recognition using smartphone sensors and beacons. Building and Environment, 2019, 158, 205-216.	3.0	27
9	Space choice, rejection and satisfaction in university campus. Indoor and Built Environment, 2018, 27, 233-243.	1.5	25
10	Toward productivity in future construction: mapping knowledge and finding insights for achieving successful offsite construction projects. Journal of Computational Design and Engineering, 2021, 8, 1-14.	1.5	23
11	A framework for evaluating user involvement methods in architectural, engineering, and construction projects. Architectural Science Review, 2016, 59, 136-147.	1.1	21
12	Effects of Interior Color Schemes on Emotion, Task Performance, and Heart Rate in Immersive Virtual Environments. Journal of Interior Design, 2020, 45, 51-65.	0.4	20
13	Ontology for Representing Building Usersâ€™ Activities in Space-Use Analysis. Journal of Construction Engineering and Management - ASCE, 2014, 140, .	2.0	19
14	Evaluation framework for BIM-based VR applications in design phase. Journal of Computational Design and Engineering, 2021, 8, 910-922.	1.5	19
15	Schedule Delay Leading Indicators in Precast Concrete Construction Projects: Qualitative Comparative Analysis of Korean Cases. Journal of Management in Engineering - ASCE, 2021, 37, .	2.6	17
16	Automated updating of space design requirements connecting user activities and space types. Automation in Construction, 2015, 50, 102-110.	4.8	16
17	Integrated Approach to Evaluating the Effect of Indoor CO2 Concentration on Human Cognitive Performance and Neural Responses in Office Environment. Journal of Management in Engineering - ASCE, 2022, 38, .	2.6	13
18	Automated Generation of User Activityâ€™Space Pairs in Space-Use Analysis. Journal of Construction Engineering and Management - ASCE, 2014, 140, .	2.0	12

#	ARTICLE	IF	CITATIONS
19	Modelling building users' space preferences for group work: a discrete-choice experiment. <i>Architectural Science Review</i> , 2017, 60, 460-471.	1.1	12
20	The role of space attributes in space-choice behaviour and satisfaction in an academic library. <i>Journal of Librarianship and Information Science</i> , 2020, 52, 399-409.	1.6	12
21	EEG-Based Circumplex Model of Affect for Identifying Interindividual Differences in Thermal Comfort. <i>Journal of Management in Engineering - ASCE</i> , 2022, 38, .	2.6	12
22	Exploring the Factor-Performance Relationship of Integrated Project Delivery Projects: A Qualitative Comparative Analysis. <i>Project Management Journal</i> , 2019, 50, 335-345.	2.6	11
23	Performance Optimization Studies on Heating, Cooling and Lighting Energy Systems of Buildings during the Design Stage: A Review. <i>Sustainability</i> , 2021, 13, 9815.	1.6	11
24	Modeling space preferences for accurate occupancy prediction during the design phase. <i>Automation in Construction</i> , 2018, 93, 135-147.	4.8	10
25	A Typology Model of Temporary Facility Constraints for Automated Construction Site Layout Planning. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1027.	1.3	10
26	Productivity management methodology using productivity achievement ratio. <i>KSCE Journal of Civil Engineering</i> , 2011, 15, 23-31.	0.9	6
27	FUZZY-BASED COMPOSITE INDICATOR DEVELOPMENT METHODOLOGY FOR EVALUATING OVERALL PROJECT PERFORMANCE. <i>Journal of Civil Engineering and Management</i> , 2015, 21, 343-355.	1.9	6
28	Automated Generation of Precast Concrete Slab Stacks for Transportation in Offsite Construction Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , 2022, 148, .	2.0	6
29	Automated Mapping of User Activities onto Flexible Space in Space-Use Analysis. <i>Journal of Construction Engineering and Management - ASCE</i> , 2017, 143, .	2.0	5
30	Ontology-Based Representations of User Activity and Flexible Space Information: Towards an Automated Space-Use Analysis in Buildings. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-15.	0.4	5
31	Linked podiums affecting street life: A case of Tuen Mun in Hong Kong. <i>Urban Design International</i> , 2017, 22, 47-72.	1.3	4
32	Research Trends in Off-Site Construction Management: Review of Literature at the Process Level. <i>Modular and Offsite Construction (MOC) Summit Proceedings</i> , 0, , 349-356.	0.0	4
33	A Conceptual Framework of an Agent-Based Space-Use Prediction Simulation System. <i>Journal of Construction Engineering and Project Management</i> , 2015, 5, 12-15.	0.6	4
34	How do people explore a large concourse in university campus? A computational analysis. <i>Journal of Computational Design and Engineering</i> , 2019, 6, 666-674.	1.5	2
35	Empirical validation of the spatial-choice modelling approach to user simulation. <i>Architectural Science Review</i> , 2019, 62, 313-322.	1.1	2
36	Learning from Previous BIM-Based Modular Construction Cases: Qualitative Comparative Analysis Approach. <i>Modular and Offsite Construction (MOC) Summit Proceedings</i> , 0, , 296-302.	0.0	1

#	ARTICLE	IF	CITATIONS
37	Practices, Challenges, and Suggestions in Predicting User Experience during the Programming Phase of Construction Projects. , 2012, , .		0
38	Beacon-Based Individualized Hazard Alarm System for Construction Sites: An Experimental Study on Sensor Deployment. Applied Sciences (Switzerland), 2021, 11, 11654.	1.3	0