

Carmen Marcher

List of Publications by Year in descending order

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16
papers

191
citations

1163117

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h-index

1125743

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g-index

18
all docs

18
docs citations

18
times ranked

136
citing authors

#	ARTICLE	IF	CITATIONS
1	BIM-Integrated Collaborative Robotics for Application in Building Construction and Maintenance. Robotics, 2021, 10, 2.	3.5	29
2	Pushing Digital Automation of Configure-to-Order Services in Small and Medium Enterprises of the Construction Equipment Industry: A Design Science Research Approach. Applied Sciences (Switzerland), 2019, 9, 3780.	2.5	27
3	Development of a Digital Platform Based on the Integration of Augmented Reality and BIM for the Management of Information in Construction Processes. IFIP Advances in Information and Communication Technology, 2018, , 46-55.	0.7	19
4	Investigating benefits and criticisms of BIM for construction scheduling in SMES: An Italian case study. International Journal of Sustainable Development and Planning, 2018, 13, 139-150.	0.7	19
5	Decision Support in Building Construction: A Systematic Review of Methods and Application Areas. Buildings, 2020, 10, 170.	3.1	18
6	Development of a BIM-based production planning and control system for Lean Construction through advancement and integration of existing management techniques. Frontiers of Engineering Management, 2021, 8, 429-441.	6.1	16
7	The Last Planner® System and Building Information Modeling in Construction Execution: From an Integrative Review to a Conceptual Model for Integration. Applied Sciences (Switzerland), 2020, 10, 821.	2.5	16
8	Combining the Robot Operating System with Building Information Modeling for Robotic Applications in Construction Logistics. Mechanisms and Machine Science, 2020, , 245-253.	0.5	13
9	Conceptual Foundations for a New Lean Bim-Based Production System in Construction. , 0, , .		9
10	State of the Art of Non-vision-Based Localization Technologies for AR in Facility Management. Lecture Notes in Computer Science, 2020, , 255-272.	1.3	5
11	From Sensors to BIM: Monitoring Comfort Conditions of Social Housing with the KlimaKit Model. Lecture Notes in Computer Science, 2019, , 108-115.	1.3	4
12	Application of Decision Support Systems for Advanced Equipment Selection in Construction. Lecture Notes in Computer Science, 2019, , 229-235.	1.3	4
13	On the Design of a Decision Support System for Robotic Equipment Adoption in Construction Processes. Applied Sciences (Switzerland), 2021, 11, 11415.	2.5	3
14	Promoting Collaborative Construction Process Management by Means of a Normalized Workload Approach. , 0, , .		2
15	Enhancing Automation in the Construction Equipment Industry Through Implementation of BIM. Lecture Notes in Computer Science, 2019, , 64-73.	1.3	1
16	Decision support systems in building construction – an Axiomatic Design approach. IOP Conference Series: Materials Science and Engineering, 2021, 1174, 012004.	0.6	0