Felipe MuÃ±oz La Rivera

List of Publications by Year
in descending order

23 papers	340 citations	840119 11 h-index	839053 18 g-index
23 all docs	23 docs citations	23 times ranked	152 citing authors

#	Article	IF	Citations
1	Methodological-Technological Framework for Construction 4.0. Archives of Computational Methods in Engineering, 2021, 28, 689-711.	6.0	80
2	Unmanned Aerial Vehicles (UAVs) for Physical Progress Monitoring of Construction. Sensors, 2021, 21, 4227.	2.1	33
3	Analysis of Optimal Flight Parameters of Unmanned Aerial Vehicles (UAVs) for Detecting Potholes in Pavements. Applied Sciences (Switzerland), 2020, 10, 4157.	1.3	26
4	Methodology for Building Information Modeling (BIM) Implementation in Structural Engineering Companies (SECs). Advances in Civil Engineering, 2019, 2019, 1-16.	0.4	25
5	Factors Influencing Safety on Construction Projects (fSCPs): Types and Categories. International Journal of Environmental Research and Public Health, 2021, 18, 10884.	1.2	25
6	The Sustainable Development Goals (SDGs) as a Basis for Innovation Skills for Engineers in the Industry 4.0 Context. Sustainability, 2020, 12, 6622.	1.6	21
7	Implementation of Facility Management for Port Infrastructure through the Use of UAVs, Photogrammetry and BIM. Sensors, 2021, 21, 6686.	2.1	19
8	Factors for the Automation of the Creation of Virtual Reality Experiences to Raise Awareness of Occupational Hazards on Construction Sites. Electronics (Switzerland), 2021, 10, 1355.	1.8	17
9	Use of Unmanned Aerial Vehicles (UAVs) and Photogrammetry to Obtain the International Roughness Index (IRI) on Roads. Applied Sciences (Switzerland), 2020, 10, 8788.	1.3	16
10	Proposal for the Deployment of an Augmented Reality Tool for Construction Safety Inspection. Buildings, 2022, 12, 500.	1.4	16
11	Interoperability of Digital Tools for the Monitoring and Control of Construction Projects. Applied Sciences (Switzerland), 2021, 11, 10370.	1.3	14
12	Variables That Affect Thermal Comfort and Its Measuring Instruments: A Systematic Review. Sustainability, 2022, 14, 1773.	1.6	14
13	Problems and Challenges in the Interactions of Design Teams of Construction Projects: A Bibliometric Study. Buildings, 2021, 11, 461.	1.4	9
14	Potential Application of BIM in RFI in Building Projects. Buildings, 2022, 12, 145.	1.4	8
15	Interaction Networks within Student Teams Learning Building Information Modeling (BIM). Journal of Civil Engineering Education, 2021, 147, .	0.8	5
16	VIRTUAL REALITY STORIES FOR CONSTRUCTION TRAINING SCENARIOS: THE CASE OF SOCIAL DISTANCING AT THE CONSTRUCTION SITE. WIT Transactions on the Built Environment, 2021, , .	0.0	5
17	Waste Identification in the Operation of Structural Engineering Companies (SEC) According to Lean Management. Sustainability, 2021, 13, 4249.	1.6	4
18	Generative Design for Dimensioning of Retaining Walls. Mathematics, 2021, 9, 1918.	1.1	2

#	Article	IF	Citations
19	PREVENTION OF OCCUPATIONAL RISKS IN GEOTECHNICAL DRILLING WORKS THROUGH VIRTUAL REALITY TRAINING. WIT Transactions on the Built Environment, 2021, , .	0.0	1
20	A Proposal for the Optimisation of Algorithms for the Calculation of the Energy Demands of Residential Housing. Mathematics, 2021, 9, 1994.	1.1	0
21	Continuous Improvement Integrating Technological Tools to Assertively Accelerate Decision-making of Logistics. Case Implemented in a Construction Materials Supplier Company. , 2021, , .		0
22	Strategy for the Evaluation and Monitoring of Competencies in Engineering Programs to Improve Studentsâ€™ Learning and Quality of Education. Sustainability, 2021, 13, 11721.	1.6	0
23	MUNICIPAL IOT IMPLEMENTATION STRATEGY FOR BRASÃLIA, BRAZIL: SMART CITY GUIDELINES AT THE LOCAL LEVEL. , 2021, , .		0