

# Felipe Muñoz La Rivera

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5589773/publications.pdf>

Version: 2024-02-01

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	Potential Application of BIM in RFI in Building Projects. Buildings, 2022, 12, 145.	1.4	8
2	Variables That Affect Thermal Comfort and Its Measuring Instruments: A Systematic Review. Sustainability, 2022, 14, 1773.	1.6	14
3	Proposal for the Deployment of an Augmented Reality Tool for Construction Safety Inspection. Buildings, 2022, 12, 500.	1.4	16
4	Methodological-Technological Framework for Construction 4.0. Archives of Computational Methods in Engineering, 2021, 28, 689-711.	6.0	80
5	Interaction Networks within Student Teams Learning Building Information Modeling (BIM). Journal of Civil Engineering Education, 2021, 147, .	0.8	5
6	Waste Identification in the Operation of Structural Engineering Companies (SEC) According to Lean Management. Sustainability, 2021, 13, 4249.	1.6	4
7	Unmanned Aerial Vehicles (UAVs) for Physical Progress Monitoring of Construction. Sensors, 2021, 21, 4227.	2.1	33
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	Generative Design for Dimensioning of Retaining Walls. Mathematics, 2021, 9, 1918.	1.1	2
10	A Proposal for the Optimisation of Algorithms for the Calculation of the Energy Demands of Residential Housing. Mathematics, 2021, 9, 1994.	1.1	0
11	Continuous Improvement Integrating Technological Tools to Assertively Accelerate Decision-making of Logistics. Case Implemented in a Construction Materials Supplier Company. , 2021, , .		0
12	Implementation of Facility Management for Port Infrastructure through the Use of UAVs, Photogrammetry and BIM. Sensors, 2021, 21, 6686.	2.1	19
13	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
14	Problems and Challenges in the Interactions of Design Teams of Construction Projects: A Bibliometric Study. Buildings, 2021, 11, 461.	1.4	9
15	Factors Influencing Safety on Construction Projects (fSCPs): Types and Categories. International Journal of Environmental Research and Public Health, 2021, 18, 10884.	1.2	25
16	Interoperability of Digital Tools for the Monitoring and Control of Construction Projects. Applied Sciences (Switzerland), 2021, 11, 10370.	1.3	14
17	MUNICIPAL IOT IMPLEMENTATION STRATEGY FOR BRASĂLIA, BRAZIL: SMART CITY GUIDELINES AT THE LOCAL LEVEL. , 2021, , .		0
18	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

#	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	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
21	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
22	Analysis of Optimal Flight Parameters of Unmanned Aerial Vehicles (UAVs) for Detecting Potholes in Pavements. Applied Sciences (Switzerland), 2020, 10, 4157.	1.3	26
23	Methodology for Building Information Modeling (BIM) Implementation in Structural Engineering Companies (SECs). Advances in Civil Engineering, 2019, 2019, 1-16.	0.4	25