

# Felipe Muñoz La Rivera

## List of Publications by Citations

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**Version:** 2024-04-24

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19  
papers

95  
citations

6  
h-index

9  
g-index

23  
ext. papers

185  
ext. citations

2.9  
avg, IF

3.7  
L-index

#	Paper	IF	Citations
19	Methodological-Technological Framework for Construction 4.0. <i>Archives of Computational Methods in Engineering</i> , <b>2021</b> , 28, 689-711	7.8	28
18	Methodology for Building Information Modeling (BIM) Implementation in Structural Engineering Companies (SECs). <i>Advances in Civil Engineering</i> , <b>2019</b> , 2019, 1-16	1.3	13
17	Unmanned Aerial Vehicles (UAVs) for Physical Progress Monitoring of Construction. <i>Sensors</i> , <b>2021</b> , 21,	3.8	12
16	Analysis of Optimal Flight Parameters of Unmanned Aerial Vehicles (UAVs) for Detecting Potholes in Pavements. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 4157	2.6	8
15	The Sustainable Development Goals (SDGs) as a Basis for Innovation Skills for Engineers in the Industry 4.0 Context. <i>Sustainability</i> , <b>2020</b> , 12, 6622	3.6	8
14	Factors for the Automation of the Creation of Virtual Reality Experiences to Raise Awareness of Occupational Hazards on Construction Sites. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 1355	2.6	6
13	Implementation of Facility Management for Port Infrastructure through the Use of UAVs, Photogrammetry and BIM. <i>Sensors</i> , <b>2021</b> , 21,	3.8	4
12	Factors Influencing Safety on Construction Projects (fSCPs): Types and Categories. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	3
11	Use of Unmanned Aerial Vehicles (UAVs) and Photogrammetry to Obtain the International Roughness Index (IRI) on Roads. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 8788	2.6	3
10	Interaction Networks within Student Teams Learning Building Information Modeling (BIM). <i>Journal of Civil Engineering Education</i> , <b>2021</b> , 147, 05020008	1.1	3
9	Proposal for the Deployment of an Augmented Reality Tool for Construction Safety Inspection. <i>Buildings</i> , <b>2022</b> , 12, 500	3.2	3
8	Potential Application of BIM in RFI in Building Projects. <i>Buildings</i> , <b>2022</b> , 12, 145	3.2	1
7	Variables That Affect Thermal Comfort and Its Measuring Instruments: A Systematic Review. <i>Sustainability</i> , <b>2022</b> , 14, 1773	3.6	1
6	Interoperability of Digital Tools for the Monitoring and Control of Construction Projects. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 10370	2.6	1
5	Waste Identification in the Operation of Structural Engineering Companies (SEC) According to Lean Management. <i>Sustainability</i> , <b>2021</b> , 13, 4249	3.6	1
4	Problems and Challenges in the Interactions of Design Teams of Construction Projects: A Bibliometric Study. <i>Buildings</i> , <b>2021</b> , 11, 461	3.2	0
3	Generative Design for Dimensioning of Retaining Walls. <i>Mathematics</i> , <b>2021</b> , 9, 1918	2.3	0

- 2 Strategy for the Evaluation and Monitoring of Competencies in Engineering Programs to Improve Students Learning and Quality of Education. *Sustainability*, **2021**, 13, 11721 3.6
- 1 A Proposal for the Optimisation of Algorithms for the Calculation of the Energy Demands of Residential Housing. *Mathematics*, **2021**, 9, 1994 2.3