

Rodrigo F Herrera

List of Publications by Citations

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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.

30
papers

141
citations

6
h-index

10
g-index

36
ext. papers

233
ext. citations

2.8
avg, IF

3.68
L-index

#	Paper	IF	Citations
30	Understanding Interactions between Design Team Members of Construction Projects Using Social Network Analysis. <i>Journal of Construction Engineering and Management - ASCE</i> , 2020 , 146, 04020053	4.2	16
29	Methodology for Building Information Modeling (BIM) Implementation in Structural Engineering Companies (SECs). <i>Advances in Civil Engineering</i> , 2019 , 2019, 1-16	1.3	13
28	Cost Overrun Causative Factors in Road Infrastructure Projects: A Frequency and Importance Analysis. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 5506	2.6	13
27	Unmanned Aerial Vehicles (UAVs) for Physical Progress Monitoring of Construction. <i>Sensors</i> , 2021 , 21,	3.8	12
26	Assessing the Impacts of an IT LPS Support System on Schedule Accomplishment in Construction Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , 2019 , 145, 04019055	4.2	9
25	Developing a benchmarking system for architecture design firms. <i>Engineering, Construction and Architectural Management</i> , 2019 , 26, 139-152	3.1	7
24	Impact of Game-Based Learning on Understanding Lean Construction Principles. <i>Sustainability</i> , 2019 , 11, 5294	3.6	6
23	Analyzing the Association between Lean Design Management Practices and BIM Uses in the Design of Construction Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , 2021 , 147, 04021010	4.2	6
22	Teaching Multi-Criteria Decision Making Based on Sustainability Factors Applied to Road Projects. <i>Sustainability</i> , 2020 , 12, 8930	3.6	5
21	An Assessment of Lean Design Management Practices in Construction Projects. <i>Sustainability</i> , 2020 , 12, 19	3.6	5
20	BIM Use Assessment (BUA) Tool for Characterizing the Application Levels of BIM Uses for the Planning and Design of Construction Projects. <i>Advances in Civil Engineering</i> , 2019 , 2019, 1-9	1.3	5
19	Comparing Team Interactions in Traditional and BIM-Lean Design Management. <i>Buildings</i> , 2021 , 11, 447	3.2	5
18	BIM-based traffic analysis and simulation at road intersection design. <i>Automation in Construction</i> , 2021 , 131, 103911	9.6	5
17	Knowledge Management and Information Flow Through Social Networks Analysis in Chilean Architecture Firms		4
16	Implementation of Facility Management for Port Infrastructure through the Use of UAVs, Photogrammetry and BIM. <i>Sensors</i> , 2021 , 21,	3.8	4
15	Uso e Impacto de los Modelos nD como Herramienta para la Direcci3n de Proyectos en la Industria de la Arquitectura, Ingenier3a y Construcci3n. <i>Informacion Tecnologica (discontinued)</i> , 2017 , 28, 169-178	0.9	3
14	Assessment of Lean Practices, Performance and Social Networks in Chilean Airport Projects		3

13	Use of Unmanned Aerial Vehicles (UAVs) and Photogrammetry to Obtain the International Roughness Index (IRI) on Roads. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 8788	2.6	3
12	Interaction Networks within Student Teams Learning Building Information Modeling (BIM). <i>Journal of Civil Engineering Education</i> , 2021 , 147, 05020008	1.1	3
11	Using BIM-Based Sheets as a Visual Management Tool for on-Site Instructions: A Case Study		2
10	Aprendizaje basado en proyectos colaborativos de entornos de programaci3n a partir de proyectos de ingenier3 civil. <i>Revista Electronica Educare</i> , 2016 , 21, 1	0.9	2
9	Highway Planning Trends: A Bibliometric Analysis. <i>Sustainability</i> , 2022 , 14, 5544	3.6	2
8	Potential Application of BIM in RFI in Building Projects. <i>Buildings</i> , 2022 , 12, 145	3.2	1
7	Variables That Affect Thermal Comfort and Its Measuring Instruments: A Systematic Review. <i>Sustainability</i> , 2022 , 14, 1773	3.6	1
6	Interoperability of Digital Tools for the Monitoring and Control of Construction Projects. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 10370	2.6	1
5	Waste Identification in the Operation of Structural Engineering Companies (SEC) According to Lean Management. <i>Sustainability</i> , 2021 , 13, 4249	3.6	1
4	Problems and Challenges in the Interactions of Design Teams of Construction Projects: A Bibliometric Study. <i>Buildings</i> , 2021 , 11, 461	3.2	0
3	Generative Design for Dimensioning of Retaining Walls. <i>Mathematics</i> , 2021 , 9, 1918	2.3	0
2	The Interaction of Civil Engineering Students in Group Work through the Social Network Analysis. <i>Sustainability</i> , 2021 , 13, 9847	3.6	0
1	Demonstration of Need of Delegation with Newton's Third Law of Action and Reaction. <i>Open Journal of Business and Management</i> , 2016 , 04, 251-257	0.4	