Rodrigo F Herrera

List of Publications by Year in Descending Order

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	Potential Application of BIM in RFI in Building Projects. *Buildings*, **2022**, 12, 145	3.2	1
29	Variables That Affect Thermal Comfort and Its Measuring Instruments: A Systematic Review. *Sustainability*, **2022**, 14, 1773	3.6	1
28	Highway Planning Trends: A Bibliometric Analysis. *Sustainability*, **2022**, 14, 5544	3.6	2
27	Interoperability of Digital Tools for the Monitoring and Control of Construction Projects. *Applied Sciences (Switzerland)*, **2021**, 11, 10370	2.6	1
26	Implementation of Facility Management for Port Infrastructure through the Use of UAVs, Photogrammetry and BIM. *Sensors*, **2021**, 21,	3.8	4
25	Problems and Challenges in the Interactions of Design Teams of Construction Projects: A Bibliometric Study. *Buildings*, **2021**, 11, 461	3.2	0
24	Waste Identification in the Operation of Structural Engineering Companies (SEC) According to Lean Management. *Sustainability*, **2021**, 13, 4249	3.6	1
23	Analyzing the Association between Lean Design Management Practices and BIM Uses in the Design of Construction Projects. *Journal of Construction Engineering and Management - ASCE*, **2021**, 147, 04021010	4.2	6
22	Unmanned Aerial Vehicles (UAVs) for Physical Progress Monitoring of Construction. *Sensors*, **2021**, 21,	3.8	12
21	Interaction Networks within Student Teams Learning Building Information Modeling (BIM). *Journal of Civil Engineering Education*, **2021**, 147, 05020008	1.1	3
20	Generative Design for Dimensioning of Retaining Walls. *Mathematics*, **2021**, 9, 1918	2.3	0
19	Comparing Team Interactions in Traditional and BIM-Lean Design Management. *Buildings*, **2021**, 11, 447	3.2	5
18	The Interaction of Civil Engineering Students in Group Work through the Social Network Analysis. *Sustainability*, **2021**, 13, 9847	3.6	0
17	BIM-based traffic analysis and simulation at road intersection design. *Automation in Construction*, **2021**, 131, 103911	9.6	5
16	Teaching Multi-Criteria Decision Making Based on Sustainability Factors Applied to Road Projects. *Sustainability*, **2020**, 12, 8930	3.6	5
15	Understanding Interactions between Design Team Members of Construction Projects Using Social Network Analysis. *Journal of Construction Engineering and Management - ASCE*, **2020**, 146, 04020053	4.2	16
14	An Assessment of Lean Design Management Practices in Construction Projects. *Sustainability*, **2020**, 12, 19	3.6	5

List of Publications

13	Cost Overrun Causative Factors in Road Infrastructure Projects: A Frequency and Importance Analysis. *Applied Sciences (Switzerland)*, **2020**, 10, 5506	2.6	13
12	Use of Unmanned Aerial Vehicles (UAVs) and Photogrammetry to Obtain the International Roughness Index (IRI) on Roads. *Applied Sciences (Switzerland)*, **2020**, 10, 8788	2.6	3
11	Impact of Game-Based Learning on Understanding Lean Construction Principles. *Sustainability*, **2019**, 11, 5294	3.6	6
10	Methodology for Building Information Modeling (BIM) Implementation in Structural Engineering Companies (SECs). *Advances in Civil Engineering*, **2019**, 2019, 1-16	1.3	13
9	Developing a benchmarking system for architecture design firms. *Engineering, Construction and Architectural Management*, **2019**, 26, 139-152	3.1	7
8	BIM Use Assessment (BUA) Tool for Characterizing the Application Levels of BIM Uses for the Planning and Design of Construction Projects. *Advances in Civil Engineering*, **2019**, 2019, 1-9	1.3	5
7	Assessing the Impacts of an IT LPS Support System on Schedule Accomplishment in Construction Projects. *Journal of Construction Engineering and Management - ASCE*, **2019**, 145, 04019055	4.2	9
6	Uso e Impacto de los Modelos nD como Herramienta para la Direcci□ de Proyectos en la Industria de la Arquitectura, Ingenier□ y Construcci□. *Informacion Tecnologica (discontinued)*, **2017**, 28, 169-178	0.9	3
5	Demonstration of Need of Delegation with Newton□ Third Law of Action and Reaction. *Open Journal of Business and Management*, **2016**, 04, 251-257	0.4	
4	Aprendizaje basado en proyectos colaborativos de entornos de programaci□ a partir de proyectos de ingenier□ civil. *Revista Electronica Educare*, **2016**, 21, 1	0.9	2
3	Knowledge Management and Information Flow Through Social Networks Analysis in Chilean Architecture Firms		4
2	Assessment of Lean Practices, Performance and Social Networks in Chilean Airport Projects		3
1	Using BIM-Based Sheets as a Visual Management Tool for on-Site Instructions: A Case Study		2