

# Joaquin Villanueva-Balsera

## List of Publications by Year in descending order

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31  
papers

349  
citations

933264

10  
h-index

887953

17  
g-index

31  
all docs

31  
docs citations

31  
times ranked

341  
citing authors

#	ARTICLE	IF	CITATIONS
1	Methods to Evaluate Corrosion in Buried Steel Structures: A Review. <i>Metals</i> , 2018, 8, 334.	1.0	54
2	Online estimation of electric arc furnace tap temperature by using fuzzy neural networks. <i>Engineering Applications of Artificial Intelligence</i> , 2008, 21, 1001-1012.	4.3	41
3	Using MBTI for the success assessment of engineering teams in project-based learning. <i>International Journal of Technology and Design Education</i> , 2013, 23, 1127-1146.	1.7	22
4	Integration of Balanced Scorecard (BSC), Strategy Map, and Fuzzy Analytic Hierarchy Process (FAHP) for a Sustainability Business Framework: A Case Study of a Spanish Software Factory in the Financial Sector. <i>Sustainability</i> , 2017, 9, 527.	1.6	20
5	Planning and Scheduling with Uncertainty in the Steel Sector: A Review. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2692.	1.3	20
6	Analysis of the Success Factors and Failure Causes in Information & Communication Technology (ICT) Projects in Spain. <i>Procedia Technology</i> , 2014, 16, 992-999.	1.1	15
7	Integrating Analytic Hierarchy Process (AHP) and Balanced Scorecard (BSC) Framework for Sustainable Business in a Software Factory in the Financial Sector. <i>Sustainability</i> , 2017, 9, 486.	1.6	14
8	Key Factors for Project Crowdfunding Success: An Empirical Study. <i>Sustainability</i> , 2020, 12, 599.	1.6	14
9	Bidders Recommender for Public Procurement Auctions Using Machine Learning: Data Analysis, Algorithm, and Case Study with Tenders from Spain. <i>Complexity</i> , 2020, 2020, 1-20.	0.9	13
10	Analysis of the quality control planning in residential construction projects in Spain. <i>Revista De La Construccion</i> , 2016, 15, 106-114.	0.5	13
11	Success Factors and Failure Causes in Projects: Analysis of Cluster Patterns Using Self-organizing Maps. <i>Procedia Computer Science</i> , 2016, 100, 440-448.	1.2	12
12	Early prediction of developing spontaneous activity in cultured neuronal networks. <i>Scientific Reports</i> , 2021, 11, 20407.	1.6	12
13	Managerial Style Profiles of Successful Project Managers: A Survey. <i>Procedia Computer Science</i> , 2015, 64, 55-62.	1.2	11
14	Public Procurement Announcements in Spain: Regulations, Data Analysis, and Award Price Estimator Using Machine Learning. <i>Complexity</i> , 2019, 2019, 1-20.	0.9	11
15	Application of PBL Methodology to the Teaching of Engineering Project Management. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2010, 136, 58-63.	0.9	9
16	Analysis of the Success Factors and Failure Causes in Projects. <i>International Journal of Information Technology Project Management</i> , 2016, 7, 18-31.	0.3	9
17	Spanish Public Procurement: legislation, open data source and extracting valuable information of procurement announcements. <i>Procedia Computer Science</i> , 2019, 164, 441-448.	1.2	9
18	A Random Forest Model for the Prediction of FOG Content in Inlet Wastewater from Urban WWTPs. <i>Water (Switzerland)</i> , 2021, 13, 1237.	1.2	7

#	ARTICLE	IF	CITATIONS
19	A Scorecard Framework Proposal for Improving Software Factoriesâ€™ Sustainability: A Case Study of a Spanish Firm in the Financial Sector. Sustainability, 2015, 7, 15999-16021.	1.6	6
20	Exploring Project Complexity through Project Failure Factors: Analysis of Cluster Patterns Using Self-Organizing Maps. Complexity, 2018, 2018, 1-17.	0.9	6
21	A Wire Rod Rolling Mill Digital Twin for the Simulation of the Rolls Replacement Process. Proceedings (mdpi), 2020, 63, .	0.2	5
22	A Bradley-Terry Model-Based Approach to Prioritize the Balance Scorecard Driving Factors: The Case Study of a Financial Software Factory. Mathematics, 2020, 8, 276.	1.1	5
23	Gross Solids Content Prediction in Urban WWTPs Using SVM. Water (Switzerland), 2021, 13, 442.	1.2	5
24	Classification of BOF Slag by Data Mining Techniques According to Chemical Composition. Sustainability, 2020, 12, 3301.	1.6	4
25	Scorecard and KPIs for monitoring software factories effectiveness in the financial sector. , 2013, 1, 29-43.		4
26	Corrosion Predictive Model in Hot-Dip Galvanized Steel Buried in Soil. Complexity, 2021, 2021, 1-11.	0.9	3
27	Design of Predictive Models to Estimate Corrosion in Buried Steel Structures. Sustainability, 2020, 12, 9879.	1.6	2
28	CSP Quasi-Dynamic Performance Model Development for All Project Life Cycle Stages and Considering Operation Modes. Validation Using One Year Data. Energies, 2021, 14, 14.	1.6	2
29	Virtual Classroom: Experience of Three Spanish Universities. Journal of Professional Issues in Engineering Education and Practice, 2012, 138, 262-266.	0.9	1
30	Reduction of rejections in cold rolled strip welding by intelligent analysis of image and process data. , 2011, , .		0
31	Modelling of lateral flow in a Hot Strip Mill (HSM) using adaptive techniques. , 2015, , .		0