Manuel Vargas

List of Publications by Year
in descending order

29 papers	412 citations	932766 10 h-index	752256 20 g-index
30 all docs	30 docs citations	30 times ranked	391 citing authors

#	Article	IF	Citations
1	Intelligent Packaging Systems: Sensors and Nanosensors to Monitor Food Quality and Safety. Journal of Sensors, 2016, 2016, 1-8.	0.6	84
2	Conceptual Framework for the Strategic Management: A Literature Review—Descriptive. Journal of Engineering (United States), 2020, 2020, 1-21.	0.5	70
3	Reverse logistics network design under extended producer responsibility: The case of out-of-use tires in the Gran Santiago city of Chile. International Journal of Production Economics, 2018, 205, 193-200.	5.1	43
4	Logistic Modeling of the Last Mile: Case Study Santiago, Chile. Sustainability, 2020, 12, 648.	1.6	23
5	Copper Metal Price Using Chaotic Time Series Forecating. IEEE Latin America Transactions, 2015, 13, 1961-1965.	1.2	22
6	Chaotic genetic algorithm and the effects of entropy in performance optimization. Chaos, 2019, 29, 013132.	1.0	22
7	Nanosensors for a Monitoring System in Intelligent and Active Packaging. Journal of Sensors, 2016, 2016, 1-8.	0.6	17
8	Boosting the Decision-Making in Smart Ports by Using Blockchain. IEEE Access, 2021, 9, 128055-128068.	2.6	17
9	Reverse Logistics for Solid Waste from the Construction Industry. Advances in Civil Engineering, 2021, 2021, 1-11.	0.4	14
10	Reverse logistics models for the collection of plastic waste: A literature review. Waste Management and Research, 2021, 39, 1116-1134.	2.2	11
11	Project-Based Learning versus Cooperative Learning courses in Engineering Students. IEEE Latin America Transactions, 2015, 13, 3113-3119.	1.2	10
12	Artificial Intelligence Methodologies for Data Management. Symmetry, 2021, 13, 2040.	1.1	10
13	Forecast of Chaotic Series in a Horizon Superior to the Inverse of the Maximum Lyapunov Exponent. Complexity, 2018, 2018, 1-9.	0.9	8
14	The Effect of Entropy on the Performance of Modified Genetic Algorithm Using Earthquake and Wind Time Series. Complexity, 2018, 2018, 1-13.	0.9	8
15	Methodological Proposals for the Development of Services in a Smart City: A Literature Review. Sustainability, 2020, 12, 10249.	1.6	8
16	Optimization of large electric power distribution using a parallel genetic algorithm with dandelion strategy. Turkish Journal of Electrical Engineering and Computer Sciences, 2018, 26, 2648-2660.	0.9	7
17	New manufacturing challenges facing sustainability. Manufacturing Letters, 2021, , .	1.1	6
18	Big Data on Decision Making in Energetic Management of Copper Mining. International Journal of Computers, Communications and Control, 2016, 12, 61.	1.2	6

#	Article	IF	Citations
19	Proposal of Two Measures of Complexity Based on Lempel-Ziv for Dynamic Systems: An Application for Manufacturing Systems. Mathematical Problems in Engineering, 2018, 2018, 1-11.	0.6	5
20	Vehicle Routing Problem with Deadline and Stochastic Service Times: Case of the Ice Cream Industry in Santiago City of Chile. Mathematics, 2021, 9, 2750.	1.1	5
21	A Simple and Fast Algorithm for Traffic Flow Control in High-Speed Computer Networks. , 2018, , .		4
22	Measure of Semantic Likeness Among Business Process Activities in a Telecommunication Company. IEEE Access, 2020, 8, 32332-32340.	2.6	4
23	Facing the data analysis complexity for the energetic efficiency management at great copper mining, in Codelco Chuquicamata, Chile. , 2016, , .		3
24	Chaotic Time Series for Copper's Price Forecast. IFIP Advances in Information and Communication Technology, 2018, , 278-288.	0.5	3
25	PBL and CDIO for engineering education: A polynesian canoes case study. , 2018, , .		1
26	Adaptive equalization using artificial neural networks for a visible light communication system. , 2018, , .		1
27	Technological prospective of manufacturing for the year 2030. , 2018, , .		0
28	Predictive analysis of energy consumption in minining for making decisions. , 2018, , .		0
29	Design, Simulation and Comparison of Controllers that Estimate an Hydric Balance in Strawberry Plantations in San Pedro. Advances in Intelligent Systems and Computing, 2020, , 335-347.	0.5	0