

Manuel Vargas

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

412
citations

932766

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h-index

752256

20
g-index

30
all docs

30
docs citations

30
times ranked

391
citing authors

#	ARTICLE	IF	CITATIONS
1	Reverse Logistics for Solid Waste from the Construction Industry. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-11.	0.4	14
2	Reverse logistics models for the collection of plastic waste: A literature review. <i>Waste Management and Research</i> , 2021, 39, 1116-1134.	2.2	11
3	New manufacturing challenges facing sustainability. <i>Manufacturing Letters</i> , 2021, , .	1.1	6
4	Boosting the Decision-Making in Smart Ports by Using Blockchain. <i>IEEE Access</i> , 2021, 9, 128055-128068.	2.6	17
5	Vehicle Routing Problem with Deadline and Stochastic Service Times: Case of the Ice Cream Industry in Santiago City of Chile. <i>Mathematics</i> , 2021, 9, 2750.	1.1	5
6	Artificial Intelligence Methodologies for Data Management. <i>Symmetry</i> , 2021, 13, 2040.	1.1	10
7	Methodological Proposals for the Development of Services in a Smart City: A Literature Review. <i>Sustainability</i> , 2020, 12, 10249.	1.6	8
8	Conceptual Framework for the Strategic Management: A Literature Reviewâ€”Descriptive. <i>Journal of Engineering (United States)</i> , 2020, 2020, 1-21.	0.5	70
9	Logistic Modeling of the Last Mile: Case Study Santiago, Chile. <i>Sustainability</i> , 2020, 12, 648.	1.6	23
10	Measure of Semantic Likeness Among Business Process Activities in a Telecommunication Company. <i>IEEE Access</i> , 2020, 8, 32332-32340.	2.6	4
11	Design, Simulation and Comparison of Controllers that Estimate an Hydric Balance in Strawberry Plantations in San Pedro. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 335-347.	0.5	0
12	Chaotic genetic algorithm and the effects of entropy in performance optimization. <i>Chaos</i> , 2019, 29, 013132.	1.0	22
13	PBL and CDIO for engineering education: A polynesian canoes case study. , 2018, , .		1
14	Adaptive equalization using artificial neural networks for a visible light communication system. , 2018, , .		1
15	A Simple and Fast Algorithm for Traffic Flow Control in High-Speed Computer Networks. , 2018, , .		4
16	Technological prospective of manufacturing for the year 2030. , 2018, , .		0
17	Optimization of large electric power distribution using a parallel genetic algorithm with dandelion strategy. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2018, 26, 2648-2660.	0.9	7
18	Forecast of Chaotic Series in a Horizon Superior to the Inverse of the Maximum Lyapunov Exponent. <i>Complexity</i> , 2018, 2018, 1-9.	0.9	8

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	Predictive analysis of energy consumption in mining for making decisions. , 2018, , .		0
23	Chaotic Time Series for Copper's Price Forecast. IFIP Advances in Information and Communication Technology, 2018, , 278-288.	0.5	3
24	Intelligent Packaging Systems: Sensors and Nanosensors to Monitor Food Quality and Safety. Journal of Sensors, 2016, 2016, 1-8.	0.6	84
25	Nanosensors for a Monitoring System in Intelligent and Active Packaging. Journal of Sensors, 2016, 2016, 1-8.	0.6	17
26	Facing the data analysis complexity for the energetic efficiency management at great copper mining, in Codelco Chuquicamata, Chile. , 2016, , .		3
27	Big Data on Decision Making in Energetic Management of Copper Mining. International Journal of Computers, Communications and Control, 2016, 12, 61.	1.2	6
28	Project-Based Learning versus Cooperative Learning courses in Engineering Students. IEEE Latin America Transactions, 2015, 13, 3113-3119.	1.2	10
29	Copper Metal Price Using Chaotic Time Series Forecasting. IEEE Latin America Transactions, 2015, 13, 1961-1965.	1.2	22