

Alberto Alfonso Aguilar Lasserre

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

327
citations

933447

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20
all docs

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20
times ranked

412
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-Objective Optimal Design of a Hydrogen Supply Chain Powered with Agro-Industrial Wastes from the Sugarcane Industry: A Mexican Case Study. <i>Mathematics</i> , 2022, 10, 437.	2.2	11
2	Functional Evaluation Using Fuzzy FMEA for a Non-Invasive Measurer for Methane and Carbone Dioxide. <i>Symmetry</i> , 2022, 14, 421.	2.2	6
3	Decision support system to evaluate a vandalized and deteriorated oil pipeline transportation system using artificial intelligence techniques. Part 1: modeling. <i>Corrosion Reviews</i> , 2022, 40, 453-473.	2.0	2
4	An Agent-Based Model-Driven Decision Support System for Assessment of Agricultural Vulnerability of Sugarcane Facing Climatic Change. <i>Mathematics</i> , 2021, 9, 3061.	2.2	6
5	Functional optimization of a Persian lime packing using TRIZ and multi-objective genetic algorithms. <i>Computers and Industrial Engineering</i> , 2020, 139, 105558.	6.3	12
6	Effects of Ornamental Plant Density and Mineral/Plastic Media on the Removal of Domestic Wastewater Pollutants by Home Wetlands Technology. <i>Molecules</i> , 2020, 25, 5273.	3.8	9
7	Decision support system for NPK fertilization: a solution method for minimizing the impact on human health, climate change, ecosystem quality and resources. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2020, 55, 1267-1282.	1.7	8
8	Reducing the Risk of Premature Birth Through an Expert System Based on a Neural Network. <i>Lecture Notes in Computer Science</i> , 2020, , 132-144.	1.3	0
9	Expert system based on a fuzzy logic model for the analysis of the sustainable livestock production dynamic system. <i>Computers and Electronics in Agriculture</i> , 2019, 161, 104-120.	7.7	21
10	Life cycle assessment of cane sugar production: The environmental contribution to human health, climate change, ecosystem quality and resources in MÃ©xico. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 668-678.	1.7	18
11	Analysis of the behavior for operation parameters in the anaerobic digestion process with thermal pretreatment, using fuzzy logic. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 592-602.	1.7	4
12	Green Supplier Selection in the Agro-Food Industry with Contract Farming: A Multi-Objective Optimization Approach. <i>Sustainability</i> , 2019, 11, 7017.	3.2	11
13	Processes and measurement of knowledge management in supply chains: an integrative systematic literature review. <i>International Journal of Production Research</i> , 2019, 57, 2136-2159.	7.5	21
14	Use of artificial neuronal networks for prediction of the control parameters in the process of anaerobic digestion with thermal pretreatment. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018, 53, 883-890.	1.7	7
15	Environmental impact assessment of chicken meat production via an integrated methodology based on LCA, simulation and genetic algorithms. <i>Journal of Cleaner Production</i> , 2018, 174, 477-491.	9.3	41
16	A green supply chain network design framework for the processed food industry: Application to the orange juice agrofood cluster. <i>Computers and Industrial Engineering</i> , 2017, 109, 369-389.	6.3	94
17	The role of knowledge management in supply chain management: A literature review. <i>Journal of Industrial Engineering and Management</i> , 2017, 10, 711.	1.5	35
18	Expert System for Competences Evaluation 360Â° Feedback Using Fuzzy Logic. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-18.	1.1	7

#	ARTICLE	IF	CITATIONS
19	Development of an Expert System as a Diagnostic Support of Cervical Cancer in Atypical Glandular Cells, Based on Fuzzy Logics and Image Interpretation. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-17.	1.3	14