Alberto Alfonso Aguilar Lasserre

List of Publications by Year
in descending order

19	327	933447	839539
papers	citations	10	18
		h-index	g-index

20	20	20	412
all docs	docs citations	times ranked	citing authors

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

#	Article	IF	Citations
19	Reducing the Risk of Premature Birth Through an Expert System Based on a Neural Network. Lecture Notes in Computer Science, 2020, , 132-144.	1.3	0