Leticia Cervantes

List of Publications by Year
in descending order

17	528	1039406 9	996533 15
papers	citations	h-index	g-index

22	22	22	477
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A generalized type-2 fuzzy granular approach with applications to aerospace. Information Sciences, 2016, 354, 165-177.	4.0	204
2	Type-2 fuzzy logic aggregation of multiple fuzzy controllers for airplane flight control. Information Sciences, 2015, 324, 247-256.	4.0	165
3	Design of a Fuzzy System for the Longitudinal Control of an F-14 Airplane. Studies in Computational Intelligence, 2010, , 213-224.	0.7	24
4	A new approach to control of multivariable systems through a hierarchical aggregation of fuzzy controllers. Granular Computing, 2019, 4, 1-13.	4.4	21
5	Fuzzy Dynamic Adaptation of Gap Generation and Mutation in Genetic Optimization of Type 2 Fuzzy Controllers. Advances in Operations Research, 2018, 2018, 1-13.	0.2	18
6	Hybrid Learning for General Type-2 TSK Fuzzy Logic Systems. Algorithms, 2017, 10, 99.	1.2	17
7	Genetic Design of Optimal Type-1 and Type-2 Fuzzy Systems for Longitudinal Control of an Airplane. Intelligent Automation and Soft Computing, 2014, 20, 213-227.	1.6	13
8	Hierarchical aggregation of multiple fuzzy controllers for global complex control problems. Applied Soft Computing Journal, 2016, 38, 851-859.	4.1	10
9	Genetic Optimization of Membership Functions in Modular Fuzzy Controllers for Complex Problems. Studies in Computational Intelligence, 2013, , 51-62.	0.7	9
10	Comparative Study of Type-1 and Type-2 Fuzzy Systems for the Three-Tank Water Control Problem. Lecture Notes in Computer Science, 2013, , 362-373.	1.0	9
11	Statistical comparison of type-1 and type-2 fuzzy systems design with genetic algorithms in the case of three tank water control. , 2013, , .		5
12	Fuzzy Parameter Adaptation in Genetic Algorithms for the Optimization of Fuzzy Integrators in Modular Neural Networks for Multimodal Biometry. Computacion Y Sistemas, 2020, 24, .	0.2	5
13	Design of optimal membership functions for fuzzy controllers of the water tank and inverted pendulum with PSO variants. , 2013, , .		4
14	Intelligent Search of Values for a Controller Using the Artificial Bee Colony Algorithm to Control the Velocity of Displacement of a Robot. Algorithms, 2021, 14, 273.	1.2	3
15	Type-2 fuzzy granular approach for intelligent control: The case of three tank water control. , 2012, , .		1
16	Optimization of an Integrator to Control the Flight of an Airplane. Studies in Fuzziness and Soft Computing, 2016, , 407-417.	0.6	1
17	Design of a Fuzzy System for Flight Control of an F-16 Airplane. Studies in Computational Intelligence, 2014, , 209-224.	0.7	0