Luis Torres-Treviño

List of Publications by Year
in descending order

18 papers	141 citations	6 h-index 1477746	12 g-index 1199166
19 all docs	19 docs citations	19 times ranked	169 citing authors

#	ARTICLE	IF	CITATIONS
1	On-line coordination of directional overcurrent relays: Performance evaluation among optimization algorithms. Electric Power Systems Research, 2014, 110, 122-132.	2.1	35
2	Multi-objective optimization of a welding process by the estimation of the Pareto optimal set. Expert Systems With Applications, 2011, 38, 8045-8053.	4.4	29
3	Machining optimization using swarm intelligence in titanium (6Al 4V) alloy. International Journal of Advanced Manufacturing Technology, 2013, 67, 535-544.	1.5	20
4	An expert system for setting parameters in machining processes. Expert Systems With Applications, 2013, 40, 6877-6884.	4.4	17
5	Autonomous foraging with a pack of robots based on repulsion, attraction and influence. Autonomous Robots, 2021, 45, 919-935.	3.2	8
6	Collective Tasks for a Flock of Robots Using Influence Factor. Journal of Intelligent and Robotic Systems: Theory and Applications, 2019, 94, 439-453.	2.0	7
7	Intelligent tools selection for roughing and finishing in machining of Inconel 718. International Journal of Advanced Manufacturing Technology, 2017, 88, 3031-3039.	1.5	6
8	Flock of Robots with Self-Cooperation for Prey-Predator Task. Journal of Intelligent and Robotic Systems: Theory and Applications, 2021, 101, 1.	2.0	5
9	Statistical inference in a redesigned Radial Basis Function neural network. Engineering Applications of Artificial Intelligence, 2013, 26, 1881-1891.	4.3	4
10	The ridge method in a radial basis function neural network. International Journal of Advanced Manufacturing Technology, 2015, 79, 1787-1796.	1.5	3
11	Conceptual Design of Carbon Steels to Support Heavy Crude Refinement Using Neural Network Modeling and Evolutionary Optimization. , 2008, , .		2
12	Corrosion prediction and annual maintenance improvement of concrete structural components using neural networks. , 2007, , .		1
13	Parameter Estimation Based on Evolutionary Computation for P-Class Chaotic Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 170-174.	0.4	1
14	Control by Imitation Using a Maximum Sensibility Neural Network. Lecture Notes in Computer Science, 2015, , 306-315.	1.0	1
15	Positional Synthesis of RRRR Linkage Using Evolutionary Computation. , 2010, , .		0
16	Modeling cutting machining process using symbolic regression $alpha$ - eta. International Journal of Advanced Manufacturing Technology, 2013, 67, 2351-2366.	1.5	0
17	An Embedded Fuzzy Self-tuning PID Controller for a Temperature Control System of Peltier Cells. Lecture Notes in Computer Science, 2015, , 443-451.	1.0	0
18	Characterization of Environment Using the Collective Perception of a Smart Swarm Robotics Based on Data fromÂLocal Sensors. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 133-140.	0.2	0