# Luis Torres-TreviÃ±o

List of Publications by Year
in descending order

| | | |
|---|---|---|
| **18**<br>papers | **141**<br>citations | 1477746<br>**6**<br>h-index |

| 1199166<br>**12**<br>g-index |
|---|

| **19**<br>all docs | **19**<br>docs citations | **19**<br>times ranked | **169**<br>citing authors |
|---|---|---|---|

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | 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 |
| 2 | Autonomous foraging with a pack of robots based on repulsion, attraction and influence. Autonomous Robots, 2021, 45, 919-935. | 3.2 | 8 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Control by Imitation Using a Maximum Sensibility Neural Network. Lecture Notes in Computer Science, 2015, , 306-315. | 1.0 | 1 |
| 7 | 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 |
| 8 | The ridge method in a radial basis function neural network. International Journal of Advanced Manufacturing Technology, 2015, 79, 1787-1796. | 1.5 | 3 |
| 9 | On-line coordination of directional overcurrent relays: Performance evaluation among optimization algorithms. Electric Power Systems Research, 2014, 110, 122-132. | 2.1 | 35 |
| 10 | Modeling cutting machining process using symbolic regression $alpha$ - $eta$. International Journal of Advanced Manufacturing Technology, 2013, 67, 2351-2366. | 1.5 | 0 |
| 11 | Machining optimization using swarm intelligence in titanium (6Al 4V) alloy. International Journal of Advanced Manufacturing Technology, 2013, 67, 535-544. | 1.5 | 20 |
| 12 | An expert system for setting parameters in machining processes. Expert Systems With Applications, 2013, 40, 6877-6884. | 4.4 | 17 |
| 13 | Statistical inference in a redesigned Radial Basis Function neural network. Engineering Applications of Artificial Intelligence, 2013, 26, 1881-1891. | 4.3 | 4 |
| 14 | 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 |
| 15 | 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 |
| 16 | Positional Synthesis of RRRR Linkage Using Evolutionary Computation. , 2010, , . | | 0 |
| 17 | Conceptual Design of Carbon Steels to Support Heavy Crude Refinement Using Neural Network Modeling and Evolutionary Optimization. , 2008, , . | | 2 |
| 18 | Corrosion prediction and annual maintenance improvement of concrete structural components using neural networks. , 2007, , . | | 1 |