

# Luis Torres-Trevio

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6258555/luis-torres-trevino-publications-by-citations.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18  
papers

102  
citations

5  
h-index

9  
g-index

19  
ext. papers

114  
ext. citations

3.2  
avg, IF

2.54  
L-index

#	Paper	IF	Citations
18	On-line coordination of directional overcurrent relays: Performance evaluation among optimization algorithms. <i>Electric Power Systems Research</i> , <b>2014</b> , 110, 122-132	3.5	27
17	Multi-objective optimization of a welding process by the estimation of the Pareto optimal set. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 8045-8053	7.8	22
16	An expert system for setting parameters in machining processes. <i>Expert Systems With Applications</i> , <b>2013</b> , 40, 6877-6884	7.8	14
15	Machining optimization using swarm intelligence in titanium (6Al 4V) alloy. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2013</b> , 67, 535-544	3.2	13
14	Collective Tasks for a Flock of Robots Using Influence Factor. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , <b>2019</b> , 94, 439-453	2.9	6
13	Intelligent tools selection for roughing and finishing in machining of Inconel 718. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2017</b> , 88, 3031-3039	3.2	4
12	Flock of Robots with Self-Cooperation for Prey-Predator Task. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , <b>2021</b> , 101, 1	2.9	4
11	Statistical inference in a redesigned Radial Basis Function neural network. <i>Engineering Applications of Artificial Intelligence</i> , <b>2013</b> , 26, 1881-1891	7.2	3
10	The ridge method in a radial basis function neural network. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2015</b> , 79, 1787-1796	3.2	2
9	Collaboration of Robot Swarms with a Relation of Individuals with Prey-Predator Type. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2018</b> , 121-132	0.2	2
8	Autonomous foraging with a pack of robots based on repulsion, attraction and influence. <i>Autonomous Robots</i> , <b>2021</b> , 45, 919-935	3	2
7	Control by Imitation Using a Maximum Sensibility Neural Network. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 306-315	0.9	1
6	Conceptual Design of Carbon Steels to Support Heavy Crude Refinement Using Neural Network Modeling and Evolutionary Optimization <b>2008</b> ,		1
5	Corrosion prediction and annual maintenance improvement of concrete structural components using neural networks <b>2007</b> ,		1
4	Characterization of Environment Using the Collective Perception of a Smart Swarm Robotics Based on Data from Local Sensors. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2018</b> , 133-140	0.2	
3	Modeling cutting machining process using symbolic regression (alpha )-(beta ). <i>International Journal of Advanced Manufacturing Technology</i> , <b>2013</b> , 67, 2351-2366	3.2	
2	An Embedded Fuzzy Self-tuning PID Controller for a Temperature Control System of Peltier Cells. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 443-451	0.9	

- 1 Parameter Estimation Based on Evolutionary Computation for P-Class Chaotic Systems\*. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2012**, 45, 170-174