

# Alan Oliveira De S

## List of Publications by Citations

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

19  
papers

164  
citations

6  
h-index

12  
g-index

30  
ext. papers

228  
ext. citations

4  
avg, IF

3.39  
L-index

#	Paper	IF	Citations
19	Covert Attacks in Cyber-Physical Control Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2017</b> , 13, 1641-1651	11.9	60
18	Distributed efficient localization in swarm robotic systems using swarm intelligence algorithms. <i>Neurocomputing</i> , <b>2016</b> , 172, 322-336	5.4	31
17	Distributed efficient localization in swarm robotics using MinMax and Particle Swarm Optimization. <i>Expert Systems With Applications</i> , <b>2016</b> , 50, 55-65	7.8	13
16	Distributed and resilient localization algorithm for Swarm Robotic Systems. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 57, 738-750	7.5	12
15	A massively parallel pipelined reconfigurable design for M-PLN based neural networks for efficient image classification. <i>Neurocomputing</i> , <b>2016</b> , 183, 39-55	5.4	8
14	Bio-inspired Active System Identification: a Cyber-Physical Intelligence Attack in Networked Control Systems. <i>Mobile Networks and Applications</i> , <b>2020</b> , 25, 1944-1957	2.9	7
13	Genetic and Backtracking Search Optimization Algorithms Applied to Localization Problems. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 738-746	0.9	6
12	A controller design for mitigation of passive system identification attacks in networked control systems. <i>Journal of Internet Services and Applications</i> , <b>2018</b> , 9,	2.6	5
11	Identification of Data Injection Attacks in Networked Control Systems Using Noise Impulse Integration. <i>Sensors</i> , <b>2020</b> , 20,	3.8	3
10	Genetic and backtracking search optimisation algorithms applied to localisation problems. <i>International Journal of Innovative Computing and Applications</i> , <b>2015</b> , 6, 223	0.4	3
9	A Triggering Mechanism for Cyber-Attacks in Naval Sensors and Systems. <i>Sensors</i> , <b>2021</b> , 21,	3.8	3
8	Artificial Neural Network-Based Stealth Attack on Battery Energy Storage Systems. <i>IEEE Transactions on Smart Grid</i> , <b>2021</b> , 1-1	10.7	3
7	<b>2017</b> ,		2
6	Distributed Efficient Node Localization in Wireless Sensor Networks Using the Backtracking Search Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 794-808	0.9	2
5	Model-Based Stealth Attack to Networked Control System Based on Real-Time Ethernet. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 68, 7672-7683	8.9	2
4	An Efficient Parallel Yet Pipelined Reconfigurable Architecture for M-PLN Weightless Neural Networks <b>2014</b> ,		1
3	<b>2020</b> ,		1

2 Multi-hop Localization Method Based on Tribes Algorithm. *Lecture Notes in Computer Science*, **2016**, 156-170 1

1 Bio-inspired System Identification Attacks in Noisy Networked Control Systems. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2019**, 28-38 0.2