David Balderas-Silva

List of Publications by Year
in descending order

12	129	1307594 7	1372567 10
papers	citations	h-index	g-index

13	13	13	113
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Implementation of NAO Robot Maze Navigation Based on Computer Vision and Collaborative Learning. Frontiers in Robotics and AI, 2022, 9, 834021.	3.2	2
2	Empowering Digital Twin for Industry 4.0 using metaheuristic optimization algorithms: case study PCB drilling optimization. International Journal of Advanced Manufacturing Technology, 2021, 113, 1295-1306.	3.0	28
3	Education 4.0: Teaching the Basics of KNN, LDA and Simple Perceptron Algorithms for Binary Classification Problems. Future Internet, 2021, 13, 193.	3.8	11
4	Education 4.0: Teaching the Basis of Motor Imagery Classification Algorithms for Brain-Computer Interfaces. Future Internet, 2021, 13, 202.	3.8	4
5	Hardware implementation of metaheuristics through LabVIEW FPGA. Applied Soft Computing Journal, 2021, 113, 107908.	7.2	12
6	Decision-making laboratory for socio-technological systems. International Journal on Interactive Design and Manufacturing, 2020, 14, 1557-1568.	2.2	1
7	Improved MPPT Algorithm for Photovoltaic Systems Based on the Earthquake Optimization Algorithm. Energies, 2020, 13, 3047.	3.1	16
8	A pipeline framework for robot maze navigation using computer vision, path planning and communication protocols. , 2020, , .		2
9	Fast Execution of Black-Box Algorithms Through a Piece-Wise Linear Interpolation Technique. Arabian Journal for Science and Engineering, 2019, 44, 9443-9453.	3.0	0
10	Convolutional long short term memory deep neural networks for image sequence prediction. Expert Systems With Applications, 2019, 122, 152-162.	7.6	34
11	Are the longâ€“short term memory and convolution neural networks really based on biological systems?. ICT Express, 2018, 4, 100-106.	4.8	12
12	Alternative Classification Techniques for Brain-Computer Interfaces for Smart Sensor Manufacturing Environments. IFAC-PapersOnLine, 2015, 48, 680-685.	0.9	7