

David Balderas-Silva

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1259606/publications.pdf>

Version: 2024-02-01

12
papers

129
citations

1307594

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h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

113
citing authors

#	ARTICLE	IF	CITATIONS
1	Convolutional long short term memory deep neural networks for image sequence prediction. Expert Systems With Applications, 2019, 122, 152-162.	7.6	34
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	Improved MPPT Algorithm for Photovoltaic Systems Based on the Earthquake Optimization Algorithm. Energies, 2020, 13, 3047.	3.1	16
4	Are the long-term memory and convolution neural networks really based on biological systems?. ICT Express, 2018, 4, 100-106.	4.8	12
5	Hardware implementation of metaheuristics through LabVIEW FPGA. Applied Soft Computing Journal, 2021, 113, 107908.	7.2	12
6	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
7	Alternative Classification Techniques for Brain-Computer Interfaces for Smart Sensor Manufacturing Environments. IFAC-PapersOnLine, 2015, 48, 680-685.	0.9	7
8	Education 4.0: Teaching the Basis of Motor Imagery Classification Algorithms for Brain-Computer Interfaces. Future Internet, 2021, 13, 202.	3.8	4
9	A pipeline framework for robot maze navigation using computer vision, path planning and communication protocols. , 2020, , .		2
10	Implementation of NAO Robot Maze Navigation Based on Computer Vision and Collaborative Learning. Frontiers in Robotics and AI, 2022, 9, 834021.	3.2	2
11	Decision-making laboratory for socio-technological systems. International Journal on Interactive Design and Manufacturing, 2020, 14, 1557-1568.	2.2	1
12	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