

Omar Aguilar-Mejia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/629925/publications.pdf>

Version: 2024-02-01

16
papers

113
citations

1478280

6
h-index

1372474

10
g-index

17
all docs

17
docs citations

17
times ranked

93
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive neural network control of chaos in permanent magnet synchronous motor. Intelligent Automation and Soft Computing, 2016, 22, 499-507.	1.6	17
2	Optimal Economic Dispatch in Microgrids with Renewable Energy Sources. Energies, 2019, 12, 181.	1.6	17
3	A New Adaptive RISE Feedforward Approach based on Associative Memory Neural Networks for the Control of PKMs. Journal of Intelligent and Robotic Systems: Theory and Applications, 2020, 100, 827-847.	2.0	15
4	Parameter Tuning of PI Control for Speed Regulation of a PMSM Using Bio-Inspired Algorithms. Algorithms, 2019, 12, 54.	1.2	11
5	An Adaptive Speed Control Approach for DC Shunt Motors. Energies, 2016, 9, 961.	1.6	8
6	An online algebraic estimation approach of parameters and variable mechanical torque in shunt DC motors. International Transactions on Electrical Energy Systems, 2018, 28, e2474.	1.2	5
7	Optimization of the Supply Chain in the Production of Ethanol from Agricultural Biomass Using Mixed-Integer Linear Programming (MILP): A Case Study. Mathematical Problems in Engineering, 2020, 1-25.	0.6	5
8	An Intelligent Compensation Through B-Spline Neural Network for a Delta Parallel Robot. , 2019, , .		4
9	Comparison and Ranking of Metaheuristic Techniques for Optimization of PI Controllers in a Machine Drive System. Applied Sciences (Switzerland), 2020, 10, 6592.	1.3	4
10	Adaptive Speed Controller for a Permanent Magnet Synchronous Motor. Nova Scientia, 2019, 11, 142-170.	0.0	4
11	Neuroadaptive Robust Speed Control for PMSM Servo Drives with Rotor Failure. Applied Sciences (Switzerland), 2021, 11, 11090.	1.3	4
12	Design of a Speed Adaptive Controller for a PMSM using Artificial Intelligence. Computacion Y Sistemas, 2016, 20, .	0.2	3
13	Modeling and Speed Tuning of a PMSM with Presence of Fissure Using Dragonfly Algorithm. Applied Sciences (Switzerland), 2020, 10, 8823.	1.3	2
14	A Novel Methodology for Adaptive Coordination of Multiple Controllers in Electrical Grids. Mathematics, 2021, 9, 1474.	1.1	1
15	Design Methodology for Interfacing DERs to Power Systems through VSC. Mathematical Problems in Engineering, 2021, 2021, 1-10.	0.6	1
16	Parameter Tuning of a PID Controller with Reactive Bio-Inspired for PMSM. , 2018, , .		0