

Alma Nayeli Rodriguez Vzquez

List of Publications by Year in Descending Order

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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.

15 papers	132 citations	5 h-index	11 g-index
15 ext. papers	224 ext. citations	3.4 avg, IF	3.43 L-index

#	Paper	IF	Citations
15	Differential Evolution Based Algorithm for Optimal Current Ripple Cancelation in an Unequal Interleaved Power Converter. <i>Mathematics</i> , 2021 , 9, 2755	2.3	1
14	Group-based synchronous-asynchronous Grey Wolf Optimizer. <i>Applied Mathematical Modelling</i> , 2021 , 93, 226-243	4.5	5
13	Robust Clustering Routing Method for Wireless Sensor Networks Considering the Locust Search Scheme. <i>Energies</i> , 2021 , 14, 3019	3.1	4
12	Optimal Operation of the Voltage-Doubler Boost Converter through an Evolutionary Algorithm. <i>Mathematics</i> , 2021 , 9, 423	2.3	1
11	The Fourth-Order Single-Switch Improved Super-Boost Converter with Reduced Input Current Ripple. <i>Electronics (Switzerland)</i> , 2021 , 10, 2379	2.6	2
10	An improved clustering method based on biological visual models. <i>Applied Mathematical Modelling</i> , 2020 , 85, 174-191	4.5	
9	A better balance in metaheuristic algorithms: Does it exist?. <i>Swarm and Evolutionary Computation</i> , 2020 , 54, 100671	9.8	64
8	Energy-Efficient Clustering Routing Protocol for Wireless Sensor Networks Based on Yellow Saddle Goatfish Algorithm. <i>Mathematics</i> , 2020 , 8, 1515	2.3	16
7	Numerical Optimization of Switching Ripples in the Double Dual Boost Converter through the Evolutionary Algorithm L-SHADE. <i>Mathematics</i> , 2020 , 8, 1911	2.3	1
6	An Evolutionary Algorithm-Based PWM Strategy for a Hybrid Power Converter. <i>Mathematics</i> , 2020 , 8, 1247	2.3	0
5	An Improved Grey Wolf Optimizer for a Supplier Selection and Order Quantity Allocation Problem. <i>Mathematics</i> , 2020 , 8, 1457	2.3	3
4	Clustering with biological visual models. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 528, 121505	3.3	2
3	A hybrid evolutionary approach based on the invasive weed optimization and estimation distribution algorithms. <i>Soft Computing</i> , 2019 , 23, 13627-13668	3.5	4
2	A hybrid method for blood vessel segmentation in images. <i>Biocybernetics and Biomedical Engineering</i> , 2019 , 39, 814-824	5.7	7
1	A novel bio-inspired optimization model based on Yellow Saddle Goatfish behavior. <i>BioSystems</i> , 2018 , 174, 1-21	1.9	22