Revna Acar Vural

List of Publications by Year
in descending order

25	309	1477746	1588620
papers	citations	6	8
		h-index	g-index

25	25	25	218
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evolutionary Design Automation of High Efficiency Series Resonant Converter for Photovoltaic Systems. IEEE Transactions on Power Electronics, 2020, 35, 11332-11343.	5.4	6
2	Low Voltage Battery Management System with Internal Adaptive Charger and Fuzzy Logic Controller. Energies, 2020, 13, 2221.	1.6	3
3	Touchless Authentication System Using Visual Fingertip Trajectories. Electrica, 2020, 20, 143-152.	0.7	0
4	Decision Process of Autonomous Drones for Environmental Monitoring. , 2019, , .		2
5	Charger Structure with Transistor Based Isolator for Parallel Charging of Series Connected Battery Cells. , 2019, , .		0
6	A High Efficiency Design of PV-Array Dimension Optimization for Shaded and Non-Shaded Configuration. , 2019, , .		1
7	NSGA-II+FEM Based Loss Optimization of Three-Phase Transformer. IEEE Transactions on Industrial Electronics, 2019, 66, 7417-7425.	5.2	37
8	Battery Management Module with Active Balancing and Cell Switching. , 2018, , .		5
9	Force resistive sensor network calibration method via regression analysis. , 2018, , .		0
10	AYRIÅžTIRMALI YÃœKSELTÄ°CÄ° TÄ°P GÃœÃ‡ DÃ–NÃœÅžTÃœRÃœCÃœSÃœ Ä°Ã‡Ä°N GERÃ‡EK ZAMANLI MÄ°KRODENETLEYÄ°CÄ°LÄ° TASARIMI. MÃ¼hendislik Bilimleri Ve TasarÄ±m Dergisi, 2018, 6, 282-293.	0.1	0
11	Design of solar powered subscale glider for CanSat competition. , 2017, , .		4
12	Evolutionary algorithms based analog filter approximation. , 2014, , .		0
13	Evolutionary algorithms based analog filter approximation and implementation. , 2014, , .		2
14	Analog active filter component selection with nature inspired metaheuristics. AEU - International Journal of Electronics and Communications, 2013, 67, 197-205.	1.7	22
15	A Mixed Mode Neural Network Circuitry for Object Recognition Application. Circuits, Systems, and Signal Processing, 2013, 32, 29-46.	1.2	8
16	Optimization of high pass filter approximation with evolutionary algorithms. , 2013, , .		1
17	Optimized analog filter approximation via evolutionary algorithms. , 2012, , .		8
18	Performance Evaluation of Evolutionary Algorithms for Optimal Filter Design. IEEE Transactions on Evolutionary Computation, 2012, 16, 135-147.	7.5	94

#	Article	IF	Citations
19	Investigation of particle swarm optimization for switching characterization of inverter design. Expert Systems With Applications, 2011, 38, 5696-5703.	4.4	22
20	Swarm intelligence based sizing methodology for CMOS operational amplifier. , 2011, , .		25
21	Particle swarm optimization based inverter design considering transient performance. , 2010, 20, 1215-1220.		17
22	Component value selection for analog active filter using particle swarm optimization. , 2010, , .		21
23	Conic Section Function Neural Network Circuitry for Offline Signature Recognition. IEEE Transactions on Neural Networks, 2010, 21, 667-672.	4.8	27
24	CSFNN optimization of signature recognition problem for a special VLSI NN chip. , 2008, , .		4
25	Optimization of integrated circuits using an artificial intelligence algorithm. , 2008, , .		0