Oleksandr Veligorskyi

List of Publications by Year
in descending order

26 papers	211 citations	1937685 4 h-index	1872680 6 g-index
27 all docs	27 docs citations	27 times ranked	204 citing authors

#	Article	IF	Citations
1	A review of non-isolated bidirectional dc-dc converters for energy storage systems. , 2016, , .		106
2	Digital control of a zero-current switching quasi-resonant boost converter. , 2015, , .		15
3	High-efficiency solar tracker development and effectiveness estimation. , 2014, , .		13
4	Full soft-switching bidirectional isolated current-fed dual inductor push-pull DC-DC converter for battery energy storage applications. , 2016, , .		8
5	Model predictive control of photovoltaic bidirectional DC-DC converter with coupled inductors. , 2017, , .		7
6	Novel Inductive Power Transfer Approach Based on Z-Source Network with Compensation Circuit. , 2018, , .		7
7	Artificial Neural Network Motor Control for Full-Electric Injection Moulding Machine. , 2019, , .		7
8	An ANN-Based Temperature Controller for a Plastic Injection Moulding System. Electronics (Switzerland), 2019, 8, 1272.	3.1	7
9	Performance analysis of a wearable photovoltaic system. , 2018, , .		6
10	Simulation study of the three-level boost DC-DC converter with full ZVS for PV application. , 2015, , .		5
11	A novel hysteresis power point optimizer for distributed solar power generation. Electrical, Control and Communication Engineering, 2018, 14, 12-22.	0.8	5
12	Closed-Loop Control System Design for Wireless Charging of Low-Voltage EV Batteries with Time-Delay Constraints. Energies, 2021, 14, 3934.	3.1	4
13	Improvement of perturb and observe MPPT method for photovoltaic systems: case of study. International Journal of Renewable Energy Technology, 2013, 4, 141.	0.3	3
14	Artificial Neural Network-based Maximum Power Point Tracker for the Photovoltaic Application. , 2015, , .		3
15	Feasibility Study GaN Transistors Application in the Novel Split-Coils Inductive Power Transfer System with T-Type Inverter. Energies, 2020, 13, 4535.	3.1	3
16	Parameters identification of injection plastic moulding heaters. , 2016, , .		2
17	Comparative Analysis of High Power Density Bidirectional DC-DC Converters for Portable Energy Storage Applications. Elektronika Ir Elektrotechnika, 2018, 24, .	0.8	2
18	REMOTE DEBUGGING OF EMBEDDED SYSTEMS IN STM32CUBEMONITOR. , 2020, , .		2

#	Article	IF	Citations
19	Controller design for interleaved bidirectinal DC-DC converter with coupled inductors. , 2017, , .		1
20	ОД"Д›Д¯Д" ДД•Д†Д—ДžД›Д¬ДžД'ДДД¯Д¥ Д"Д'ДžДДДŸДДД'Д›Д•ДД¯Д¥ Д¢ДžДŸДžД›ДžД"Д†Д™ ДŸД•ДД•Д¢Д±Д–ДД®Д'ДД§Д†Д' Д		
21	An optimal degree approximation of the surface control for photovoltaic maximum power point tracking system. , 2016, , .		0
22	Data analysis of random blood measurements for abnormal condition detection. , 2017, , .		0
23	Corrected version: Controller Design for Interleaved Bidirectional DC-DC Converter with Coupled Inductors. , 2019, , .		0
24	Variable Structure Controller for Plastic Injection Moulding System. , 2020, , .		0
25	OPTIMAL COUPLING COEFFICIENT CALCULATION FOR INDUCTANCES IN INTERLEAVED BIDIRECTIONAL DC-DC CONVERTERS. Technical Electrodynamics, 2018, 2018, 41-46.	0.7	0
26	THE USE OF PERCEPIO TRACEALYZER FOR THE DEVELOPMENT OF FREERTOS-BASED APPLICATIONS. , 2020, , .		0