Eka Firmansyah

List of Publications by Year
in descending order

19 papers	62 citations	2682572 2 h-index	2917675 2 g-index
19 all docs	19 docs citations	19 times ranked	33 citing authors

#	Article	IF	Citations
1	Implementation of online maximum efficiency tracking control for a dual€motor drive system. IET Electric Power Applications, 2015, 9, 449-458.	1.8	14
2	Six-step commutation with round robin state machine to alleviate error in hall-effect-sensor reading for BLDC motor control. , 2014, , .		8
3	DC-DC converter as power supply of battery charger 100 V 300 W using 25 kHZ switching frequency. , 2014, , .		5
4	Analyze and optimization of genetic algorithm implemented on maximum power point tracking technique for PV system. , 2017, , .		5
5	Preliminary design of biomass fuel storage on a thermoelectric based biomass-electric energy conversion. , 2017, , .		5
6	An improved maximum efficiency control for dual-motor drive systems. , 2014, , .		4
7	A microclimate closed house control design for broiler strain. , 2017, , .		3
8	Design of solar water pumping system in urban residential building: (Case study: Yogyakarta,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462		3
9	Design of Simple ECU for LPG Fuel Injection on Conventional Generator Set. , 2018, , .		3
10	Fault€tolerant control for a dual€PMSM drive system. Journal of Engineering, 2016, 2016, 344-351.	1.1	2
11	Comparison of two high frequency transformer designs to achieve zero voltage switching in a 311/100 v 1 kW phase-shifted full-bridge DC-DC converter. , 2016, , .		2
12	Study and Simulation of a Hybrid Stand-alone PV System for Rural Telecomunications System. , 2018, , .		2
13	Design of LPG Injection Mechanism with PID Control for 1 kVA Generator Set. , 2018, , .		2
14	Islanded Wind Farm Microgrid Stability Control Using Synchronverter Algorithm. , 2022, , .		2
15	Low cost platform for BLDC controller. , 2013, , .		1
16	Current control and protection of block commutated for 3 phase inverter BLDC motor. , 2016, , .		1
17	Harmonic current elimination in industrial power systems. , 2015, , .		0
18	Optimization of PLL Loop Filter Control to Reduce Time Delay Using Genetic Algorithm on Single Phase Grid Tie Inverter Application. , 2019, , .		0

#	Article	IF	Citations
19	Study on the Implementation of Single Pressure Balance with Iterative A-B-A-B-A Method in the Differential Pressure Calibration of Ventilator Tester. Mapan - Journal of Metrology Society of India, 2021, 36, 629-638.	1.5	0