

Novie Ayub Windarko

List of Publications by Year in descending order

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26
papers

339
citations

1684188

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docs citations

26
times ranked

299
citing authors

#	ARTICLE	IF	CITATIONS
1	A New MPPT Algorithm for Photovoltaic Power Generation under Uniform and Partial Shading Conditions. <i>Energies</i> , 2021, 14, 483.	3.1	16
2	Modeling And Simulation Of PV System with Self Adaptive Differential Evolution Based MPPT Under Partial Shading Condition. , 2021, , .		1
3	Optimized Modified PWM based on Differential Evolution for Reducing THD on Multilevel Inverter. , 2020, , .		1
4	MPPE for Solar PV Using ANN Based on Open Circuit Voltage and Short Circuit Current. , 2020, , .		0
5	Differential Evolution-based MPPT with Dual Mutation for PV Array under Partial Shading Condition. , 2020, , .		5
6	Estimation State of Charge (SOC) of Ultracapacitor Based On Classical Equivalent Circuit Using Extended Kalman Filter. , 2020, , .		2
7	Abnormal Detection in Photovoltaic Array Based on Artificial Neural Network. , 2020, , .		0
8	Short Circuit Current Based ANN MPPT For Battery Charging. , 2019, , .		5
9	Design and Implementation Bidirectional DC-DC Converter for Load Sharing and Charging Battery. , 2019, , .		2
10	Sliding Mode Control for Off Grid Neutral Point Clamped Multilevel Inverter. , 2019, , .		2
11	Hybrid Maximum Power Point Tracking Using Artificial Neural Network-Incremental Conduction With Short Circuit Current of Solar Panel. , 2019, , .		9
12	Performance Evaluation of MPPT using Modified PSO Algorithm for Battery Charge Application. , 2018, , .		7
13	A modified MPPT algorithm using incremental conductance for constant power generation of photovoltaic systems. , 2017, , .		12
14	Reduction of Total Harmonic Distortion (THD) on Multilevel Inverter with Modified PWM using Genetic Algorithm. <i>Emitter: International Journal of Engineering Technology</i> , 2017, 5, 91-118.	0.7	8
15	On the investigation of photovoltaic output power reduction due to dust accumulation and weather conditions. <i>Renewable Energy</i> , 2016, 99, 836-844.	8.9	115
16	Application of Genetic Algorithm to Minimize Harmonic in Multilevel Inverter. <i>Jurnal Nasional Teknik Elektro</i> , 2016, 5, 73.	0.1	2
17	Maximum power point tracking of photovoltaic system using adaptive modified firefly algorithm. , 2015, , .		14
18	Photovoltaic module and maximum power point tracking modelling using Adaptive Neuro-Fuzzy Inference System. , 2014, , .		11

#	ARTICLE	IF	CITATIONS
19	Optimized PI constant for current controller of grid connected inverter with LCL filter using Genetic Algorithm. , 2014, , .		8
20	Optimized GDPWM based on Spontaneous Evolutionary GA for reducing switching losses on inverter. , 2013, , .		2
21	LiPB Battery SOC Estimation Using Extended Kalman Filter Improved with Variation of Single Dominant Parameter. Journal of Power Electronics, 2012, 12, 40-48.	1.5	15
22	SOC estimation of LiPB batteries using Extended Kalman Filter based on high accuracy electrical model. , 2011, , .		27
23	Electrical Modeling of Lithium-Polymer Battery. The Transactions of the Korean Institute of Power Electronics, 2011, 16, 199-207.	0.1	3
24	Improvement of electrical modeling of NiMH battery for application of Microgrid System. , 2010, , .		8
25	SOC Estimation Based on OCV for NiMH Batteries Using an Improved Takacs Model. Journal of Power Electronics, 2010, 10, 181-186.	1.5	48
26	Hysteresis modeling for estimation of State-of-Charge in NiMH battery based on improved Takacs model. , 2009, , .		16