

Novie Ayub Windarko

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

339
citations

1684188

5
h-index

1720034

7
g-index

26
all docs

26
docs citations

26
times ranked

299
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	SOC Estimation Based on OCV for NiMH Batteries Using an Improved Takacs Model. <i>Journal of Power Electronics</i> , 2010, 10, 181-186.	1.5	48
3	SOC estimation of LiPB batteries using Extended Kalman Filter based on high accuracy electrical model. , 2011, , .		27
4	Hysteresis modeling for estimation of State-of-Charge in NiMH battery based on improved Takacs model. , 2009, , .		16
5	A New MPPT Algorithm for Photovoltaic Power Generation under Uniform and Partial Shading Conditions. <i>Energies</i> , 2021, 14, 483.	3.1	16
6	LiPB Battery SOC Estimation Using Extended Kalman Filter Improved with Variation of Single Dominant Parameter. <i>Journal of Power Electronics</i> , 2012, 12, 40-48.	1.5	15
7	Maximum power point tracking of photovoltaic system using adaptive modified firefly algorithm. , 2015, , .		14
8	A modified MPPT algorithm using incremental conductance for constant power generation of photovoltaic systems. , 2017, , .		12
9	Photovoltaic module and maximum power point tracking modelling using Adaptive Neuro-Fuzzy Inference System. , 2014, , .		11
10	Hybrid Maximum Power Point Tracking Using Artificial Neural Network-Incremental Conduction With Short Circuit Current of Solar Panel. , 2019, , .		9
11	Improvement of electrical modeling of NiMH battery for application of Microgrid System. , 2010, , .		8
12	Optimized PI constant for current controller of grid connected inverter with LCL filter using Genetic Algorithm. , 2014, , .		8
13	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
14	Performance Evaluation of MPPT using Modified PSO Algorithm for Battery Charge Application. , 2018, , .		7
15	Short Circuit Current Based ANN MPPT For Battery Charging. , 2019, , .		5
16	Differential Evolution-based MPPT with Dual Mutation for PV Array under Partial Shading Condition. , 2020, , .		5
17	Electrical Modeling of Lithium-Polymer Battery. <i>The Transactions of the Korean Institute of Power Electronics</i> , 2011, 16, 199-207.	0.1	3
18	Optimized GDPWM based on Spontaneous Evolutionary GA for reducing switching losses on inverter. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
19	Design and Implementation Bidirectional DC-DC Converter for Load Sharing and Charging Battery. , 2019, , .		2
20	Sliding Mode Control for Off Grid Neutral Point Clamped Multilevel Inverter. , 2019, , .		2
21	Estimation State of Charge (SOC) of Ultracapacitor Based On Classical Equivalent Circuit Using Extended Kalman Filter. , 2020, , .		2
22	Application of Genetic Algorithm to Minimize Harmonic in Multilevel Inverter. Jurnal Nasional Teknik Elektro, 2016, 5, 73.	0.1	2
23	Optimized Modified PWM based on Differential Evolution for Reducing THD on Multilevel Inverter. , 2020, , .		1
24	Modeling And Simulation Of PV System with Self Adaptive Differential Evolution Based MPPT Under Partial Shading Condition. , 2021, , .		1
25	MPPE for Solar PV Using ANN Based on Open Circuit Voltage and Short Circuit Current. , 2020, , .		0
26	Abnormal Detection in Photovoltaic Array Based on Artificial Neural Network. , 2020, , .		0