

Muhammad Irwanto

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

137
citations

2682572

2
h-index

2550090

3
g-index

18
all docs

18
docs citations

18
times ranked

129
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of Nine-Level Transformerless Photovoltaic Powered Inverter (TPVPI) Using Technique of Equal Maximum Phase Delay Time. Journal of Physics: Conference Series, 2020, 1529, 042096.	0.4	2
2	Photovoltaic powered DC-DC boost converter based on PID controller for battery charging system. Journal of Physics: Conference Series, 2020, 1432, 012055.	0.4	9
3	Potential of roselle and blue pea in the dye-sensitized solar cell. AIP Conference Proceedings, 2017, , .	0.4	1
4	FT-IR and electrical characteristic of dye-sensitized solar cell using dyes from hibiscus and bougainvillea. , 2016, , .		1
5	Building integrated photovoltaic: Analysis of wind effect due to convection heat transfer. , 2015, , .		5
6	Improvement of dynamic power system stability by installing UPFC based on Fuzzy Logic Power System Stabilizer (FLPSS). , 2014, , .		7
7	Solar cell using sensitizer extracted from organic substances. , 2014, , .		5
8	Optimization of photovoltaic module electrical characteristics using genetic algorithm (a) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td		1
9	Solar wireless power transfer using inductive coupling for mobile phone charger. , 2014, , .		33
10	Power capacity enhancement of transformerless photovoltaic inverter. , 2013, , .		2
11	Effect of TiO ₂ thickness on dye sensitized solar cell performance. , 2013, , .		0
12	Generation of wind power in Perlis, northern Malaysia. , 2012, , .		3
13	Clear sky global solar irradiance on tilt angles of photovoltaic module in Perlis, Northern Malaysia. , 2011, , .		25
14	Improvement of induction machine performance using power factor correction. , 2011, , .		4
15	Combination of Hargreaves method and linear regression as a new method to estimate solar radiation in Perlis, Northern Malaysia. Solar Energy, 2011, 85, 2871-2880.	6.1	31
16	Study of inverter design and topologies for photovoltaic system. , 2011, , .		2
17	Harmonic content as the indicator of transformer core saturation. , 2010, , .		6
18	The Technique of Voltage Level Time Division Based on Maximum Pulse Width to Reduce Total Harmonic Distortion on Multilevel Transformerless Photovoltaic Inverter (MLTPVI) System. Journal of Electrical Engineering and Technology, 0, , 1.	2.0	0