

# Muhammad Irwanto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5544287/publications.pdf>

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	Solar wireless power transfer using inductive coupling for mobile phone charger. , 2014, , .		33
2	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
3	Clear sky global solar irradiance on tilt angles of photovoltaic module in Perlis, Northern Malaysia. , 2011, , .		25
4	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
5	Improvement of dynamic power system stability by installing UPFC based on Fuzzy Logic Power System Stabilizer (FLPSS). , 2014, , .		7
6	Harmonic content as the indicator of transformer core saturation. , 2010, , .		6
7	Solar cell using sensitizer extracted from organic substances. , 2014, , .		5
8	Building integrated photovoltaic: Analysis of wind effect due to convection heat transfer. , 2015, , .		5
9	Improvement of induction machine performance using power factor correction. , 2011, , .		4
10	Generation of wind power in Perlis, northern Malaysia. , 2012, , .		3
11	Study of inverter design and topologies for photovoltaic system. , 2011, , .		2
12	Power capacity enhancement of transformerless photovoltaic inverter. , 2013, , .		2
13	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
14	Optimization of photovoltaic module electrical characteristics using genetic algorithm (a) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td		1
15	FT-IR and electrical characteristic of dye-sensitized solar cell using dyes from hibiscus and bougainvillea. , 2016, , .		1
16	Potential of roselle and blue pea in the dye-sensitized solar cell. AIP Conference Proceedings, 2017, , .	0.4	1
17	Effect of TiO <sub>2</sub> thickness on dye sensitized solar cell performance. , 2013, , .		0
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