

Bayu Sutanto

List of Publications by Year in descending order

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9
papers

167
citations

1478458

6
h-index

1372553

10
g-index

10
all docs

10
docs citations

10
times ranked

156
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical and Experimental Investigation of Air Cooling for Photovoltaic Panels Using Aluminum Heat Sinks. International Journal of Photoenergy, 2020, 2020, 1-9.	2.5	72
2	Improved Performance of Dye-Sensitized Solar Cells with TiO ₂ Nanoparticles/Zn-Doped TiO ₂ Hollow Fiber Photoanodes. Energies, 2018, 11, 2922.	3.1	35
3	Enhancing the performance of floating photovoltaic system by using thermosiphon cooling method: Numerical and experimental analyses. International Journal of Thermal Sciences, 2022, 180, 107727.	4.9	20
4	Computational fluid dynamic (CFD) modelling of floating photovoltaic cooling system with loop thermosiphon. AIP Conference Proceedings, 2019, , .	0.4	12
5	Enhancement ZnO nanofiber as semiconductor for dye-sensitized solar cells by using Al doped. AIP Conference Proceedings, 2016, , .	0.4	9
6	Performance enhancement of dye-sensitized solar cells (DSSCs) using a natural sensitizer. AIP Conference Proceedings, 2017, , .	0.4	8
7	A Numerical Approach to Study the Performance of Photovoltaic Panels by using Aluminium Heat Sink. Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 2020, 70, 97-105.	0.6	6
8	Effect of acidity on the energy level of curcumin dye extracted from Curcuma longa L.. AIP Conference Proceedings, 2016, , .	0.4	3
9	OPTIMALISASI ARAH SUDUT TILT DAN SUDUT AZIMUTH DARI ALAT PEMANEN ENERGI RADIASI MATAHARI DI SEMARANG, JAWA TENGAH. Eksergi, 2021, 17, 145.	0.0	1