

Slawomir Gulkowski

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Performance Assessment of Four Different Photovoltaic Technologies in Poland. <i>Energies</i> , 2020, 13, 196.	3.1	41
2	Experimental Efficiency Analysis of a Photovoltaic System with Different Module Technologies under Temperate Climate Conditions. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 141.	2.5	39
3	Specific Yield Analysis of the Rooftop PV Systems Located in South-Eastern Poland. <i>Energies</i> , 2022, 15, 3666.	3.1	21
4	Innovative system for energy collection and management integrated within a photovoltaic module. <i>Solar Energy</i> , 2016, 132, 442-452.	6.1	20
5	The influence of annealing on the properties of ZnO:Al layers obtained by RF magnetron sputtering. <i>Opto-electronics Review</i> , 2018, 26, 247-251.	2.4	10
6	RF/DC Magnetron Sputtering Deposition of Thin Layers for Solar Cell Fabrication. <i>Coatings</i> , 2020, 10, 791.	2.6	10
7	Experimental studies of thin films deposition by magnetron sputtering method for CIGS solar cell fabrication. <i>E3S Web of Conferences</i> , 2017, 19, 03006.	0.5	8
8	Electrical properties of aluminum contacts deposited by DC sputtering method for photovoltaic applications. <i>E3S Web of Conferences</i> , 2017, 19, 03011.	0.5	6
9	Computational modeling and experimental analysis of heterojunction with intrinsic thin-layer photovoltaic module under different environmental conditions. <i>Energy</i> , 2019, 172, 380-390.	8.8	5
10	Mature Landfill Leachate as a Medium for Hydrodynamic Cavitation of Brewery Spent Grain. <i>Energies</i> , 2021, 14, 1150.	3.1	5
11	Thermodynamic description of CdX ₁₋₂ Hg ₁₊₂ XTe growth process by LPE. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 4407-4414.	3.1	4
12	Influence of sputtering deposition parameters on electrical and optical properties of aluminium-doped zinc oxide thin films for photovoltaic applications. <i>E3S Web of Conferences</i> , 2017, 22, 00090.	0.5	4
13	Temperature distribution analysis of different technologies of PV modules using infrared thermography. <i>E3S Web of Conferences</i> , 2018, 49, 00044.	0.5	4
14	Analysis of ambient gas influence on silicon layers crystallized by means of LPE. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 4423-4425.	3.1	2
15	Autonomous photovoltaic observatory station integrated with UAV - a case study. <i>E3S Web of Conferences</i> , 2018, 49, 00043.	0.5	2
16	Influence of LPE process technological conditions on Si ELO layers morphology. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 4287-4289.	3.1	1
17	Finite element method simulation of interface evolution during epitaxial growth. <i>Materials Science-Poland</i> , 2012, 30, 414-418.	1.0	1
18	Influence of dielectric coverage on photovoltaic conversion of silicon solar cells obtained by epitaxial lateral overgrowth. <i>Materials Science-Poland</i> , 2012, 30, 274-277.	1.0	0