Slawomir Gulkowski

List of Publications by Year
in descending order

18 papers	183 citations	1307594 7 h-index	1058476 14 g-index
18 all docs	18 docs citations	18 times ranked	211 citing authors

#	Article	IF	Citations
1	Specific Yield Analysis of the Rooftop PV Systems Located in South-Eastern Poland. Energies, 2022, 15, 3666.	3.1	21
2	Mature Landfill Leachate as a Medium for Hydrodynamic Cavitation of Brewery Spent Grain. Energies, 2021, 14, 1150.	3.1	5
3	RF/DC Magnetron Sputtering Deposition of Thin Layers for Solar Cell Fabrication. Coatings, 2020, 10, 791.	2.6	10
4	Performance Assessment of Four Different Photovoltaic Technologies in Poland. Energies, 2020, 13, 196.	3.1	41
5	Computational modeling and experimental analysis of heterojunction with intrinsic thin-layer photovoltaic module under different environmental conditions. Energy, 2019, 172, 380-390.	8.8	5
6	Experimental Efficiency Analysis of a Photovoltaic System with Different Module Technologies under Temperate Climate Conditions. Applied Sciences (Switzerland), 2019, 9, 141.	2.5	39
7	Temperature distribution analysis of different technologies of PV modules using infrared thermography. E3S Web of Conferences, 2018, 49, 00044.	0.5	4
8	Autonomous photovoltaic observatory station integrated with UAV - a case study. E3S Web of Conferences, 2018, 49, 00043.	0.5	2
9	The influence of annealing on the properties of ZnO:Al layers obtained by RF magnetron sputtering. Opto-electronics Review, 2018, 26, 247-251.	2.4	10
10	Electrical properties of aluminum contacts deposited by DC sputtering method for photovoltaic applications. E3S Web of Conferences, 2017, 19, 03011.	0.5	6
11	Experimental studies of thin films deposition by magnetron sputtering method for CIGS solar cell fabrication. E3S Web of Conferences, 2017, 19, 03006.	0.5	8
12	Influence of sputtering deposition parameters on electrical and optical properties of aluminium-doped zinc oxide thin films for photovoltaic applications. E3S Web of Conferences, 2017, 22, 00090.	0.5	4
13	Innovative system for energy collection and management integrated within a photovoltaic module. Solar Energy, 2016, 132, 442-452.	6.1	20
14	Finite element method simulation of interface evolution during epitaxial growth. Materials Science-Poland, 2012, 30, 414-418.	1.0	1
15	Influence of dielectric coverage on photovoltaic conversion of silicon solar cells obtained by epitaxial lateral overgrowth. Materials Science-Poland, 2012, 30, 274-277.	1.0	0
16	Influence of LPE process technological conditions on Si ELO layers morphology. Journal of Non-Crystalline Solids, 2008, 354, 4287-4289.	3.1	1
17	Thermodynamic description of CdXHg1â^'XTe growth process by LPE. Journal of Non-Crystalline Solids, 2008, 354, 4407-4414.	3.1	4
18	Analysis of ambient gas influence on silicon layers crystallized by means of LPE. Journal of Non-Crystalline Solids, 2008, 354, 4423-4425.	3.1	2