

Mohammad Ghaffar Faraj

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

144
citations

6
h-index

11
g-index

21
ext. papers

164
ext. citations

2.4
avg, IF

2.93
L-index

#	Paper	IF	Citations
15	Impedance Spectroscopy as a Novel Approach to Probe the Phase Transition and Microstructures Existing in CS:PEO Based Blend Electrolytes. <i>Scientific Reports</i> , 2018 , 8, 14308	4.9	29
14	Structural and optical properties of cadmium sulfide thin films on flexible polymer substrates by chemical spray pyrolysis technique. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 6628-6634	2.1	2
13	Comparative Studies of the Properties of ZnO Sprayed Thin Films on Different Polymer Substrates for Flexible Solar Cell Applications. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017 , 27, 1405-1411	3.2	4
12	Effects of Substrate Temperature on Structural and Optical Properties of Spray-Pyrolyzed Cu(Ga _{0.3} In _{0.7})Se ₂ Thin Films on Polyimide Plastic Substrate. <i>Journal of Electronic Materials</i> , 2017 , 46, 6745-6749	1.9	1
11	Structural and optical properties of ZnO thin films prepared by spray pyrolysis on PI plastic substrates at various temperatures for integration in solar cell. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 16504-16508	2.1	1
10	Fabrication and characterization of thin-film Cu (In, Ga) Se ₂ solar cells on a PET plastic substrate using screen printing. <i>Materials Science in Semiconductor Processing</i> , 2012 , 15, 165-173	4.3	20
9	Effects of Ga concentration on structural and electrical properties of screen printed-CIGS absorber layers on polyethylene terephthalate. <i>Materials Science in Semiconductor Processing</i> , 2012 , 15, 206-213	4.3	18
8	Comparison of cadmium sulfide thin films deposited on glass and polyethylene terephthalate substrates with thermal evaporation for solar cell applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2012 , 23, 1219-1223	2.1	13
7	Optical and Electrical Properties of Indium Tin Oxide (ITO) Thin Films Prepared by Thermal Evaporation Method on Polyethylene Terephthalate (PET) Substrate. <i>Advanced Materials Research</i> , 2012 , 545, 393-398	0.5	6
6	Optical and Structural Properties of Thermally Evaporated Zinc Oxide Thin Films on Polyethylene Terephthalate Substrates. <i>International Journal of Polymer Science</i> , 2011 , 2011, 1-4	2.4	25
5	Investigation of the optical and structural properties of thermally evaporated cadmium sulphide thin films on polyethylene terephthalate substrate. <i>Materials Science in Semiconductor Processing</i> , 2011 , 14, 146-150	4.3	6
4	Investigation of CIGS Solar Cells on Polyethylene Terephthalate Substrates. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2011 , 60, 817-824	3	9
3	Investigation on Molybdenum Thin Films Deposited by DC-Sputtering on Polyethylene Terephthalate Substrate. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2010 , 59, 622-627	3	5
2	Effect of Aqueous Solution Molarity on the Structural and Electrical Properties of Spray Pyrolysed Lead Sulfide (PbS) Thin Films. <i>International Letters of Chemistry, Physics and Astronomy</i> , 57 , 122-125		2
1	The Impact of Sunlight Intensity and Outdoor Temperature on the Performance of Inorganic Solar Panels. <i>International Letters of Chemistry, Physics and Astronomy</i> , 67 , 58-64		0