MarÃ-a de Lourdes Albor Aguilera

List of Publications by Year
in descending order

26 papers	286 citations	933447 10 h-index	940533 16 g-index
26 all docs	26 docs citations	26 times ranked	279 citing authors

#	Article	IF	Citations
1	New window materials used as heterojunction partners on CdTe solar cells. Thin Solid Films, 2000, 361-362, 378-382.	1.8	38
2	Photoluminescence studies of CdS films grown by close-spaced vapor transport hot walls. Journal of Applied Physics, 1999, 86, 3171-3174.	2.5	35
3	Photoluminescence studies of chalcopyrite and orthorhombic AgInS2 thin films deposited by spray pyrolysis technique. Thin Solid Films, 2007, 515, 6272-6275.	1.8	31
4	Photoacoustic determination of recombination parameters in CdTe/glass system. Journal of Applied Physics, 1998, 83, 3807-3810.	2.5	19
5	Photoluminescence studies of p-type chalcopyrite AgInS2:Sn. Solar Energy Materials and Solar Cells, 2007, 91, 1483-1487.	6.2	17
6	Influence of CdS Thin Films Growth Related with the Substrate Properties and Conditions Used on CBD Technique. Energy Procedia, 2014, 44, 111-117.	1.8	17
7	Enhancement of CdS/CdTe solar cells by the interbuilding of a nanostructured Te-rich layer. Materials Research Express, 2017, 4, 086403.	1.6	14
8	Electrical and optical characterization of Na: CuInS2 thin films grown by spray pyrolysis. Thin Solid Films, 2005, 490, 142-145.	1.8	13
9	Thermal and optical properties of polycrystalline CdS thin films deposited by the gradient recrystallization and growth (GREG) technique using photoacoustic methods. Thin Solid Films, 2009, 517, 2335-2339.	1.8	13
10	Impact of different thermal treatments on ZnS physical properties and their performance in CdTe solar cells. Materials Research Express, 2019, 6, 086461.	1.6	13
11	Change from n-type to p-type conductivity on AgInS2 and AgInS2:Sn polycrystalline thin films prepared by spray pyrolysis technique. Thin Solid Films, 2009, 517, 2535-2537.	1.8	12
12	Optical and electrical properties of p-type AgInSnxS2â˜'x (x=0â€“0.04) thin films prepared by spray pyrolysis. Thin Solid Films, 2005, 490, 168-172.	1.8	11
13	Shunt resistance and saturation current determination in CdTe and CIGS solar cells. Part 1: a new theoretical procedure and comparison with other methodologies. Semiconductor Science and Technology, 2018, 33, 045007.	2.0	11
14	Incorporation of an efficientÎ²-In₂S₃thin film as window material into CdTe photovoltaic devices. Materials Research Express, 2019, 6, 125510.	1.6	10
15	Structural and Optoelectronic Properties of Î²â€²-In₂S₃ Thin Films to be Applied on Cadmium Reduced Solar Cells. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700428.	1.8	9
16	Shunt resistance and saturation current determination in CdTe and CIGS solar cells. Part 2: application to experimental IV measurements and comparison with other methods. Semiconductor Science and Technology, 2018, 33, 045008.	2.0	6
17	Cu doping concentration effect on the physical properties of CdS thin films obtained by the CBD technique. Materials Research Express, 2017, 4, 086410.	1.6	5
18	Unveiling the influence of ZnTe and Te layers as part of the back-contact on CdTe solar cells performance. AIP Advances, 2021, 11, .	1.3	5

#	Article	IF	Citations
19	Growing spheroids of lung adenosquamous carcinoma on electrospun poly(Îµ-caprolactone). Bioinspired, Biomimetic and Nanobiomaterials, 2020, 9, 252-256.	0.9	3
20	Improvement of the electrical properties of the frontal contact in CdS/CdTe solar cells. Materials Research Express, 2017, 4, 105906.	1.6	2
21	Synthesis of HAp/chitosan composites via electrospinning: Preliminary results. , 2008, , .		1
22	Synthesis of AgInSnS4 thin films by adding tin (Sn) into the chalcopyrite structure of AgInS2 using spray pyrolysis. Thin Solid Films, 2010, 518, 1821-1824.	1.8	1
23	Electrical and optical characterization of AgInSnS4 thin films grown by spray pyrolysis. , 0, , .		0
24	Photovoltaic structures based on Cu(In, Ga)Se<inf>2</inf> thin films prepared by thermal co-evaporation. , 2011, , .		0
25	Influence of Te layer on CdTe thin films and their performance on CdS/CdTe solar cells. Superficies Y Vacio, 0, 34, .	0.2	0
26	CdTe mini-modules characterization and photovoltaic performance under outdoors conditions. Revista Mexicana De FÃsica, 2022, 68, .	0.4	0