

Anura Priyajith Samantilleke

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7826806/publications.pdf>

Version: 2024-02-01

23
papers

682
citations

623734

14
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

704
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and photoluminescence behavior of SrMg ₂ Al ₁₆ O ₂₇ :Eu ²⁺ nanocrystalline phosphor. Optik, 2021, 225, 165873. Structural and photoluminescent investigations of SrAl ₂ O ₄ :Eu ²⁺ $\langle \text{Si}^{42} \rangle$	2.9	12
2	Structural and photoluminescent investigations of SrAl ₂ O ₄ :Eu ²⁺ $\langle \text{Si}^{44} \rangle$	2.9	20
3	Synthesis and optical studies of nanocrystalline Eu ²⁺ -doped and RE ³⁺ (Nd ³⁺ , Dy ³⁺)-codoped Ba ₄ Al ₁₄ O ₂₅ materials for UV-LEDs. Optik, 2020, 212, 164671.	2.9	20
4	Synthesis and Optical Characterization of Terbium Doped M ₂ SiO ₄ Nanophosphors. Advanced Science Letters, 2014, 20, 1531-1534.	0.2	9
5	Nano-ilmenite FeTiO ₃ : Synthesis and characterization. Journal of Magnetism and Magnetic Materials, 2013, 331, 129-132.	2.3	76
6	Simple way to make Anatase TiO ₂ films on FTO glass for promising solar cells. Materials Letters, 2012, 69, 59-62.	2.6	24
7	Effect of hot-filament annealing in a hydrogen atmosphere on the electrical and structural properties of Nb-doped TiO ₂ sputtered thin films. Thin Solid Films, 2012, 520, 2514-2519.	1.8	19
8	Characterisation of chemical bath deposited CdS thin films on different substrates using electrolyte contacts. Thin Solid Films, 2011, 519, 7583-7586.	1.8	13
9	Flexible CuInSe ₂ photovoltaic cells fabricated by non-vacuum techniques. Thin Solid Films, 2011, 519, 7272-7275.	1.8	8
10	Nanostructured hybrid ZnO thin films for energy conversion. Nanoscale Research Letters, 2011, 6, 384.	5.7	7
11	Segregation of Te at the back contact in electrochemically deposited CdTe thin film solar cells. Journal of Crystal Growth, 2011, 320, 13-17.	1.5	2
12	Cohesive strength of nanocrystalline ZnO:Ga thin films deposited at room temperature. Nanoscale Research Letters, 2011, 6, 309.	5.7	11
13	Electrodeposition of CuInSe ₂ from ethylene glycol at 150°C. Solar Energy Materials and Solar Cells, 2009, 93, 1518-1523.	6.2	27
14	Multi Fermi level pinning at metal/Cu(InGa)(SeS) ₂ interfaces. Solar Energy Materials and Solar Cells, 2008, 92, 923-928.	6.2	5
15	Electrodeposition of chalcopyrite films from ionic liquid electrolytes. Thin Solid Films, 2007, 515, 5899-5903.	1.8	52
16	Electrodeposition of p+, p, i, n and n+-type copper indium gallium diselenide for development of multilayer thin film solar cells. Thin Solid Films, 2005, 472, 212-216.	1.8	53
17	Effects of multi-defects at metal/semiconductor interfaces on electrical properties and their influence on stability and lifetime of thin film solar cells. Solar Energy Materials and Solar Cells, 2005, 86, 373-384.	6.2	41
18	Electrodeposition of n type CuInSe ₂ multilayers for photovoltaic applications. Solar Energy Materials and Solar Cells, 2004, 81, 125-133.	6.2	80

#	ARTICLE	IF	CITATIONS
19	Experimental study of graded bandgap Cu(InGa)(SeS) ₂ thin films grown on glass/molybdenum substrates by selenization and sulphidation. <i>Solar Energy Materials and Solar Cells</i> , 2004, 82, 587-587.	6.2	28
20	Investigation of electronic quality of chemical bath deposited cadmium sulphide layers used in thin film photovoltaic solar cells. <i>Thin Solid Films</i> , 2003, 437, 10-17.	1.8	61
21	The effects of inclusion of iodine in CdTe thin films on material properties and solar cell performance. <i>Solar Energy Materials and Solar Cells</i> , 2003, 77, 303-317.	6.2	45
22	Sulphidation of electrodeposited cuprous oxide thin films for photovoltaic applications. <i>Solar Energy Materials and Solar Cells</i> , 2000, 61, 277-286.	6.2	33
23	Electrochemical Anodizing, Structural and Mechanical Characterization of Nanoporous Alumina Templates. <i>Journal of Nano Research</i> , 0, 25, 77-89.	0.8	16