Anura Priyajith Samantilleke

List of Publications by Year
in descending order

23	682	623734 14	677142 22
papers	citations	h-index	g-index

24	24	24	704
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrodeposition of pâ€“iâ€“n type CuInSe2 multilayers for photovoltaic applications. Solar Energy Materials and Solar Cells, 2004, 81, 125-133.	6.2	80
2	Nano-ilmenite FeTiO3: Synthesis and characterization. Journal of Magnetism and Magnetic Materials, 2013, 331, 129-132.	2.3	76
3	Investigation of electronic quality of chemical bath deposited cadmium sulphide layers used in thin film photovoltaic solar cells. Thin Solid Films, 2003, 437, 10-17.	1.8	61
4	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
5	Electrodeposition of chalcopyrite films from ionic liquid electrolytes. Thin Solid Films, 2007, 515, 5899-5903.	1.8	52
6	The effects of inclusion of iodine in CdTe thin films on material properties and solar cell performance. Solar Energy Materials and Solar Cells, 2003, 77, 303-317.	6.2	45
7	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, 377-391.	6.2	41
8	Structural and photoluminescent investigations of SrAl2O4:Eu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1693" altimg="si42.svg"><mml:msup><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:math>,RE<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1703" altimg="si44.svg"><mml:msup><mml:mrow /><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</mml:mo><mml:mo>	6.5	40
9	Sulphidation of electrodeposited cuprous oxide thin films for photovoltaic applications. Solar Energy Materials and Solar Cells, 2000, 61, 277-286.	6.2	33
10	Experimental study of graded bandgap Cu(InGa)(SeS)2 thin films grown on glass/molybdenum substrates by selenization and sulphidation. Solar Energy Materials and Solar Cells, 2004, 82, 587-587.	6.2	28
11	Electrodeposition of CuInSe2 from ethylene glycol at 150Â°C. Solar Energy Materials and Solar Cells, 2009, 93, 1518-1523.	6.2	27
12	Simple way to make Anatase TiO2 films on FTO glass for promising solar cells. Materials Letters, 2012, 69, 59-62.	2.6	24
13	Synthesis and optical studies of nanocrystalline Eu2+-doped and RE3+(Nd3+, Dy3+)-codoped Ba4Al14O25 materials for UV-LEDs. Optik, 2020, 212, 164671.	2.9	20
14	Effect of hot-filament annealing in a hydrogen atmosphere on the electrical and structural properties of Nb-doped TiO2 sputtered thin films. Thin Solid Films, 2012, 520, 2514-2519.	1.8	19
15	Electrochemical Anodizing, Structural and Mechanical Characterization of Nanoporous Alumina Templates. Journal of Nano Research, 0, 25, 77-89.	0.8	16
16	Characterisation of chemical bath deposited CdS thin films on different substrates using electrolyte contacts. Thin Solid Films, 2011, 519, 7583-7586.	1.8	13
17	Synthesis and photoluminescence behavior of of SrMg2Al16O27:Eu2+ nanocrystalline phosphor. Optik, 2021, 225, 165873.	2.9	12
18	Cohesive strength of nanocrystalline ZnO:Ga thin films deposited at room temperature. Nanoscale Research Letters, 2011, 6, 309.	5.7	11

#	Article	IF	Citations
19	Synthesis and Optical Characterization of Terbium Doped M₂SiO₄ Nanophosphors. Advanced Science Letters, 2014, 20, 1531-1534.	0.2	9
20	Flexible CuInSe2 photovoltaic cells fabricated by non-vacuum techniques. Thin Solid Films, 2011, 519, 7272-7275.	1.8	8
21	Nanostructured hybrid ZnO thin films for energy conversion. Nanoscale Research Letters, 2011, 6, 384.	5.7	7
22	Multi Fermi level pinning at metal/Cu(InGa)(SeS)2 interfaces. Solar Energy Materials and Solar Cells, 2008, 92, 923-928.	6.2	5
23	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