

Mk Jayaraj

List of Publications by Year in descending order

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25
papers

1,232
citations

623734

14
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

1441
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of p-CuO/n-ZnO heterojunction diode via sol-gel spin coating technique. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2017, 220, 82-90.	3.5	66
2	Solar photocatalytic degradation of methyl orange dye using TiO ₂ nanoparticles synthesised by sol-gel method in neutral medium. Journal of Experimental Nanoscience, 2015, 10, 1106-1115.	2.4	22
3	Room temperature deposited transparent p-channel CuO thin film transistors. Applied Surface Science, 2014, 297, 153-157.	6.1	72
4	Development of p-type amorphous Cu _{1-x} BxO ₂ thin films and fabrication of pn hetero junction. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2014, 185, 109-113.	3.5	3
5	Growth and characterization of tin oxide thin films and fabrication of transparent p-SnO/n-ZnO heterojunction. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2013, 178, 816-821.	3.5	41
6	Structural, optical and magnetic properties of highly oriented transition metal (Mn/Co/Ni/Cu) doped ZnO thin films prepared by PLD. Materials Research Society Symposia Proceedings, 2012, 1454, 239-244.	0.1	1
7	Structural and luminescent characteristics of pulsed laser deposited Eu ³⁺ -doped Y ₂ O ₃ thin films. Philosophical Magazine, 2012, 92, 1777-1787.	1.6	5
8	Sensitized luminescence of SrS:Dy,Cu,Cl phosphor. Philosophical Magazine, 2011, 91, 3641-3648.	1.6	0
9	Growth of ITO thin films on polyimide substrate by bias sputtering. Materials Science in Semiconductor Processing, 2010, 13, 64-69.	4.0	5
10	Violet luminescence from ZnO nanorods grown by room temperature pulsed laser deposition. Current Applied Physics, 2010, 10, 693-697.	2.4	37
11	Dependence of Size of Liquid Phase Pulsed Laser Ablated ZnO Nanoparticles on pH of the Medium. Transactions of the Materials Research Society of Japan, 2009, 34, 759-763.	0.2	1
12	Influence of a dopant source on the structural and optical properties of Mn doped ZnGa ₂ O ₄ thin films. Applied Physics A: Materials Science and Processing, 2008, 90, 711-715.	2.3	14
13	Electrical Characteristics of n-ZnO/p-Si Heterojunction Diodes Grown by Pulsed Laser Deposition at Different Oxygen Pressures. Journal of Electronic Materials, 2008, 37, 770-775.	2.2	43
14	Pulsed laser deposition of p-type AgGaO ₂ thin films. Thin Solid Films, 2008, 516, 1426-1430.	1.8	10
15	Influence of RF power and fluorine doping on the properties of sputtered ITO thin films. Applied Surface Science, 2008, 255, 1790-1795.	6.1	12
16	Transparent p-AgCoO ₂ /n-ZnO diode heterojunction fabricated by pulsed laser deposition. Thin Solid Films, 2007, 515, 7352-7356.	1.8	62
17	Effect of substrate temperature on the growth of ITO thin films. Applied Surface Science, 2005, 252, 1430-1435.	6.1	120
18	The effect of the pH value on the growth and properties of chemical-bath-deposited ZnS thin films. Materials Chemistry and Physics, 2005, 90, 106-110.	4.0	85

#	ARTICLE	IF	CITATIONS
19	Nuclear quadrupole resonance studies of transparent conducting oxides. Solid State Nuclear Magnetic Resonance, 2004, 26, 209-214.	2.3	8
20	Influence of target to substrate spacing on the properties of ITO thin films. Applied Surface Science, 2004, 225, 294-301.	6.1	54
21	New $\text{CuM}_2/3\text{Sb}_1/3\text{O}_2$ and $\text{AgM}_2/3\text{Sb}_1/3\text{O}_2$ compounds with the delafossite structure. Solid State Sciences, 2002, 4, 787-792.	3.2	40
22	p-Type oxides for use in transparent diodes. Thin Solid Films, 2002, 411, 119-124.	1.8	186
23	p-Type conductivity in the delafossite structure. Solid State Sciences, 2001, 3, 265-270.	0.7	211
24	Green electroluminescence from $\text{Zn}_{1-x}\text{Mg}_x\text{S}:\text{Mn}$ alternating current thin film electroluminescent devices. Thin Solid Films, 2001, 389, 284-287.	1.8	9
25	p-Type transparent thin films of $\text{Cu}_{1-x}\text{Ca}_x\text{O}_2$. Thin Solid Films, 2001, 397, 244-248.	1.8	125