

SÃ¶leyman Kahraman

List of Publications by Year in descending order

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752
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth of homogenous CuO nano-structured thin films by a simple solution method. Journal of Alloys and Compounds, 2011, 509, 2094-2098.	5.5	81
2	Nano-structured CuO films prepared by simple solution methods: Plate-like, needle-like and network-like architectures. Ceramics International, 2012, 38, 1859-1866.	4.8	49
3	Effects of the sulfurization temperature on sol gel-processed Cu ₂ ZnSnS ₄ thin films. Ceramics International, 2013, 39, 9285-9292.	4.8	37
4	Numerical thickness optimization study of CIGS based solar cells with wxAMPS. Optik, 2016, 127, 8827-8835.	2.9	37
5	A comparative study of Cu ₂ ZnSnS ₄ thin films growth by successive ionic layer adsorption reaction and sol-gel methods. Thin Solid Films, 2014, 550, 36-39.	1.8	27
6	CuO nanostructures grown by the SILAR method: Influence of Pb-doping on the morphological, structural and optical properties. Journal of Alloys and Compounds, 2015, 619, 378-382.	5.5	27
7	Effects of diethanolamine on sol-gel-processed Cu ₂ ZnSnS ₄ photovoltaic absorber thin films. Materials Research Bulletin, 2014, 50, 165-171.	5.2	25
8	Effects of thermal oxidation temperature on vacuum evaporated tin dioxide film. Superlattices and Microstructures, 2012, 51, 421-429.	3.1	23
9	Effect of heat treatment on the properties of Cd(OH) ₂ and CdO films grown by chemical bath deposition. Philosophical Magazine Letters, 2013, 93, 101-108.	1.2	23
10	Improved characteristics for chemically grown Cu ₂ SnS ₃ promising solar absorbers through the use of TritonX-100 surfactant. Journal of Alloys and Compounds, 2015, 618, 217-221.	5.5	23
11	Characteristics of ZnO thin films doped by various elements. Journal of Crystal Growth, 2013, 363, 86-92.	1.5	22
12	Performance of two low-cost GPS receivers for ground speed measurement under varying speed conditions. Precision Agriculture, 2017, 18, 264-277.	6.0	22
13	Effects of annealing on morphological, structural and electrical properties of thermally evaporated WO ₃ thin films. Superlattices and Microstructures, 2012, 52, 326-335.	3.1	21
14	Characterization of CBD grown ZnO films with high c-axis orientation. Materials Chemistry and Physics, 2012, 134, 1036-1041.	4.0	20
15	Effects of ultraviolet light on B-doped CdS thin films prepared by spray pyrolysis method using perfume atomizer. Applied Surface Science, 2013, 280, 318-324.	6.1	19
16	Synthesis, characterization and humidity sensing properties of Mn _{0.2} Ni _{0.8} Fe ₂ O ₄ nanoparticles. Materials Chemistry and Physics, 2013, 139, 789-793.	4.0	18
17	Polyethylene glycol-assisted growth of Cu ₂ SnS ₃ promising absorbers for thin film solar cell applications. Philosophical Magazine, 2014, 94, 3149-3161.	1.6	17
18	The effects of coumarin additive on the properties of CdS thin films grown by chemical bath deposition. Ceramics International, 2015, 41, 4726-4734.	4.8	16

#	ARTICLE	IF	CITATIONS
19	Characterisation of ZnO nanorod arrays grown by a low temperature hydrothermal method. Philosophical Magazine, 2012, 92, 2150-2163.	1.6	15
20	Growth and Characterization of CuO Nanostructures on Si for the Fabrication of CuO/p-Si Schottky Diodes. Scientific World Journal, The, 2013, 2013, 1-6.	2.1	14
21	Effects of different annealing atmospheres on the properties of cadmium sulfide thin films. Materials Research Bulletin, 2015, 68, 227-233.	5.2	13
22	Cu ₂ SnS ₃ absorber thin films prepared via successive ionic layer adsorption and reaction method. International Journal of Materials Research, 2013, 104, 1020-1027.	0.3	11
23	Facile Synthesis of Cu ₂ ZnSnS ₄ Photovoltaic Absorber Thin Films via Sulfurization of Cu ₂ SnS ₃ /ZnS Layers. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 2326-2334.	2.2	8
24	Synthesis and characterization of undoped and tin-doped ZnO nanostructures. Applied Physics A: Materials Science and Processing, 2012, 109, 87-93.	2.3	7
25	A novel study on ZnO nanostructures: coumarin effect. Philosophical Magazine Letters, 2012, 92, 288-294.	1.2	7
26	The effects of coumarin additive on the properties of ZnO nanostructures. Journal of Physics and Chemistry of Solids, 2013, 74, 565-569.	4.0	6
27	CBD grown ZnO nanostructures: effects of solution temperature. International Journal of Materials Research, 2013, 104, 799-804.	0.3	3
28	Characterization of Al/n-ZnO/p-Si/Al structure with low-cost solution-grown ZnO layer. Philosophical Magazine Letters, 2013, 93, 550-559.	1.2	3