Davood Raoufi

List of Publications by Year
in descending order

28 papers	1,373 citations	516710 16 h-index	526287 27 g-index
28 all docs	28 docs citations	28 times ranked	1864 citing authors

#	Article	IF	Citations
1	Influence of thickness on crystallographic, stereometric, optoelectronic, and electrochemical characteristics of electron-beam deposited indium tin oxide thin films. Materials Chemistry and Physics, 2021, 260, 124051.	4.0	11
2	Construction of highly efficient new binder-free bimetallic metalâ€“organic framework symmetric supercapacitors: considering surface statistical and morphological analyses. Journal of Materials Chemistry A, 2021, 9, 15381-15393.	10.3	23
3	Comprehensive study of physical properties of cadmium telluride thin films: effect of post-deposition high annealing temperature. Semiconductor Science and Technology, 2021, 36, 055004.	2.0	6
4	Transparent thin films of pure anatase Titania nanoparticles with low surface roughness prepared by electron beam deposition method. Materials Research Express, 2019, 6, 096406.	1.6	3
5	Crystallography characteristics of tetragonal nano-zirconia films under various oxygen partial pressure. Surface Engineering, 2019, 35, 618-626.	2.2	4
6	Thickness dependence of structural, optical and morphological properties of sol-gel derived TiO₂ thin film. Materials Research Express, 2019, 6, 016417.	1.6	22
7	Effect of substrate and post-deposition annealing on nanostructure and optical properties of CdTe thin films. Materials Research Express, 2018, 5, 046413.	1.6	16
8	Influence of temperature and pressure on CdTe: Ag thin film. Surface Engineering, 2018, 34, 914-924.	2.2	9
9	Characterization and Structural Property of Indium Tin Oxide Thin Films. Advances in Materials Physics and Chemistry, 2017, 07, 42-57.	0.7	16
10	The annealing temperature dependence of anatase TiO₂thin films prepared by the electron-beam evaporation method. Semiconductor Science and Technology, 2016, 31, 125012.	2.0	48
11	Surface Characterization and Morphology of Conducting Polypyrrole Thin Films during Polymer Growth on ITO Glass Electrode. Journal of Physical Chemistry C, 2016, 120, 18055-18065.	3.1	24
12	Status of alfalfa witchesâ€™ broom phytoplasma disease in Iran. Phytopathogenic Mollicutes, 2015, 5, S65.	0.1	11
13	The effect of substrate temperature on the microstructural, electrical and optical properties of Sn-doped indium oxide thin films. EPJ Applied Physics, 2015, 70, 30302.	0.7	17
14	Crystallography and morphology dependence of In2O3:Sn thin films on deposition rate. Surface and Coatings Technology, 2015, 274, 44-50.	4.8	13
15	Fractal features of CdTe thin films grown by RF magnetron sputtering. Applied Surface Science, 2015, 357, 1843-1848.	6.1	24
16	Film thickness effect on fractality of tin-doped In2O3 thin films. Electronic Materials Letters, 2015, 11, 749-757.	2.2	40
17	Multi-resolution analysis of nanocrystalline ITO thin films. Surface Topography: Metrology and Properties, 2015, 3, 015002.	1.6	3
18	The effect of film thickness on surface morphology of ITO thin films. Journal of Theoretical and Applied Physics, 2013, 7, 21.	1.4	22

#	Article	IF	Citations
19	Synthesis and photoluminescence characterization of ZnO nanoparticles. Journal of Luminescence, 2013, 134, 213-219.	3.1	119
20	Synthesis and microstructural properties of ZnO nanoparticles prepared by precipitation method. Renewable Energy, 2013, 50, 932-937.	8.9	259
21	Waveletâ€“fractal approach to surface characterization of nanocrystalline ITO thin films. Physica B: Condensed Matter, 2012, 407, 4369-4374.	2.7	9
22	Surface Morphology Dynamics in ITO Thin Films. Journal of Modern Physics, 2012, 03, 645-651.	0.6	29
23	Study of Carbon Atoms Deposited on Graphene Layer Using Molecular Dynamics Simulation. , 2011, , .		1
24	Fractal analyses of ITO thin films: A study based on power spectral density. Physica B: Condensed Matter, 2010, 405, 451-455.	2.7	82
25	Morphological characterization of ITO thin films surfaces. Applied Surface Science, 2009, 255, 3682-3686.	6.1	35
26	The effect of heat treatment on the physical properties of solâ€“gel derived ZnO thin films. Applied Surface Science, 2009, 255, 5812-5817.	6.1	285
27	Multifractal analysis of ITO thin films prepared by electron beam deposition method. Applied Surface Science, 2008, 254, 2168-2173.	6.1	46
28	Surface characterization and microstructure of ITO thin films at different annealing temperatures. Applied Surface Science, 2007, 253, 9085-9090.	6.1	196