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	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
2	Synthesis and microstructural properties of ZnO nanoparticles prepared by precipitation method. Renewable Energy, 2013, 50, 932-937.	8.9	259
3	Surface characterization and microstructure of ITO thin films at different annealing temperatures. Applied Surface Science, 2007, 253, 9085-9090.	6.1	196
4	Synthesis and photoluminescence characterization of ZnO nanoparticles. Journal of Luminescence, 2013, 134, 213-219.	3.1	119
5	Fractal analyses of ITO thin films: A study based on power spectral density. Physica B: Condensed Matter, 2010, 405, 451-455.	2.7	82
6	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
7	Multifractal analysis of ITO thin films prepared by electron beam deposition method. Applied Surface Science, 2008, 254, 2168-2173.	6.1	46
8	Film thickness effect on fractality of tin-doped In2O3 thin films. Electronic Materials Letters, 2015, 11, 749-757.	2.2	40
9	Morphological characterization of ITO thin films surfaces. Applied Surface Science, 2009, 255, 3682-3686.	6.1	35
10	Surface Morphology Dynamics in ITO Thin Films. Journal of Modern Physics, 2012, 03, 645-651.	0.6	29
11	Fractal features of CdTe thin films grown by RF magnetron sputtering. Applied Surface Science, 2015, 357, 1843-1848.	6.1	24
12	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
13	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
14	The effect of film thickness on surface morphology of ITO thin films. Journal of Theoretical and Applied Physics, 2013, 7, 21.	1.4	22
15	Thickness dependence of structural, optical and morphological properties of sol-gel derived TiO₂ thin film. Materials Research Express, 2019, 6, 016417.	1.6	22
16	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
17	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
18	Characterization and Structural Property of Indium Tin Oxide Thin Films. Advances in Materials Physics and Chemistry, 2017, 07, 42-57.	0.7	16

#	Article	IF	Citations
19	Crystallography and morphology dependence of In2O3:Sn thin films on deposition rate. Surface and Coatings Technology, 2015, 274, 44-50.	4.8	13
20	Status of alfalfa witchesâ€™ broom phytoplasma disease in Iran. Phytopathogenic Mollicutes, 2015, 5, S65.	0.1	11
21	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
22	Waveletâ€“fractal approach to surface characterization of nanocrystalline ITO thin films. Physica B: Condensed Matter, 2012, 407, 4369-4374.	2.7	9
23	Influence of temperature and pressure on CdTe: Ag thin film. Surface Engineering, 2018, 34, 914-924.	2.2	9
24	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
25	Crystallography characteristics of tetragonal nano-zirconia films under various oxygen partial pressure. Surface Engineering, 2019, 35, 618-626.	2.2	4
26	Multi-resolution analysis of nanocrystalline ITO thin films. Surface Topography: Metrology and Properties, 2015, 3, 015002.	1.6	3
27	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
28	Study of Carbon Atoms Deposited on Graphene Layer Using Molecular Dynamics Simulation. , 2011, , .		1