Nadir F Habubi

List of Publications by Year
in descending order

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70	627	623734	713466
papers	citations	14 h-index	21 g-index

70	70	70	371
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation of high-sensitivity In2S3/Si heterojunction photodetector by chemical spray pyrolysis. Optical and Quantum Electronics, 2016, 48, 1.	3.3	49
2	Synthesis, Structural, Thermal, and Electronic Properties of Palmierite-Related Double Molybdate Î±-Cs₂Pb(MoO₄)₂. Inorganic Chemistry, 2017, 56, 3276-3286.	4.0	33
3	Structural properties and refractive index dispersion of cobalt doped SnO2 thin films. Indian Journal of Physics, 2013, 87, 235-239.	1.8	32
4	Structural, Morphological and Optical Characterization of Tin Doped Zinc Oxide Thin Film by (SPT). Journal of Physics: Conference Series, 2019, 1234, 012013.	0.4	27
5	Efficient SnO2/CuO/porous silicon nanocomposites structure for NH3 gas sensing by incorporating CuO nanoparticles. Optical and Quantum Electronics, 2019, 51, 1.	3.3	25
6	Theoretical and experimental investigation of structural and optical properties of lithium doped cadmium oxide thin films. Materials Research Express, 2019, 6, 116434.	1.6	24
7	Room temperature gas sensor based on La2O3 doped CuO thin films. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	23
8	Preparation of epoxy chicken eggshell composite as thermal insulation. Journal of the Australian Ceramic Society, 2018, 54, 231-235.	1.9	22
9	Comparison of the structure, electronic, and optical behaviors of tin-doped CdO alloys and thin films. Journal of Materials Science: Materials in Electronics, 2020, 31, 9037-9043.	2.2	20
10	Effect of Vanadium on Structure and Morphology of SnO2 Thin Films. Nano Biomedicine and Engineering, 2020, 12, .	0.9	20
11	Increasing the Silicon Solar Cell Efficiency with Nanostructured SnO2 Anti-reflecting Coating Films. Silicon, 2019, 11, 543-548.	3.3	18
12	Effect of Boron on Structural, Optical Characterization of Nanostructured Fe2O3 thin Films. NeuroQuantology, 2020, 18, 55-60.	0.2	18
13	Sensitivity of Nanostructured Mn-Doped Cobalt Oxide Films for Gas Sensor Application. Nano Biomedicine and Engineering, 2020, 12, .	0.9	18
14	Effects of FeCl3 additives on optical parameters of PVA. Journal of Physics: Conference Series, 2018, 1003, 012108.	0.4	17
15	Hydrogen sulfide sensor based on cupric oxide thin films. Optik, 2018, 172, 117-126.	2.9	16
16	Fabrication and Characterization of a p-AgO/PSi/n-Si Heterojunction for Solar Cell Applications. Silicon, 2018, 10, 371-376.	3.3	15
17	Investigation of some physical properties of Mn doped ZnS nano thin films. AIP Conference Proceedings, 2020, , .	0.4	14
18	Preparation of colloidal cadmium selenide nanoparticles by pulsed laser ablation in methanol and toluene. Journal of Materials Science: Materials in Electronics, 2014, 25, 3190-3194.	2.2	13

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19	ANNEALING TIME EFFECT ON NANOSTRUCTURED n-ZnO/p-Si HETEROJUNCTION PHOTODETECTOR PERFORMANCE. Surface Review and Letters, 2015, 22, 1550027.	1.1	12
20	New trends in ZnO nanoparticles/n-Si heterojunction photodetector preparation by pulsed laser ablation in ethanol. Optik, 2017, 147, 391-400.	2.9	12
21	Influence of Substrate Temperature on Physical Properties of Nanostructured ZnS Thin Films. Journal of Physics: Conference Series, 2020, 1664, 012009.	0.4	12
22	Optoelectronic properties of porous silicon heterojunction photodetector. Indian Journal of Physics, 2014, 88, 59-63.	1.8	11
23	Structural and Optical Characterization of Sprayed nanostructured Indium Doped Fe₂O₃Thin Films. Journal of Physics: Conference Series, 2020, 1664, 012016.	0.4	11
24	Synthesis and characterization of metastable phases of SnO and Sn3O4 thin films for solar cells applications. Journal of Physics: Conference Series, 2021, 1963, 012003.	0.4	11
25	Characterization of CdS nanoparticles prepared by laser ablation in methanol. Journal of Materials Science: Materials in Electronics, 2015, 26, 9853-9858.	2.2	10
26	Dispersion Parameters of Polyvinyl Alcohol Films doped with Fe. Journal of Physics: Conference Series, 2018, 1003, 012094.	0.4	10
27	Physical Properties of indium doped Cadmium sulfide thin films prepared by (SPT). Journal of Physics: Conference Series, 2019, 1294, 022008.	0.4	10
28	Structural and Optical Performance of The doped ZnO Nano-thin Films by (CSP). IOP Conference Series: Materials Science and Engineering, 2020, 870, 012027.	0.6	10
29	Efficient, fast response, and low cost sensor for NH3 gas molecules based on SnO2: CuO/macroPSi nanocomposites. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	10
30	Substrate Effects on Structural and Optical Properties of ZnO Thin Films Deposited by Chemical Spray Pyrolysis. International Letters of Chemistry, Physics and Astronomy, 0, 51, 69-77.	0.0	9
31	Structural and Optical Properties of GaAs 0.5 Sb 0.5 and In 0.5 Ga 0.5 As 0.5 Sb 0.5 : ab initio Calculations for Pure and Doped Materials. Chinese Physics Letters, 2012, 29, 037302.	3.3	8
32	The effect of substrate temperature on the physical properties of copper oxide films. Journal of Physics: Conference Series, 2019, 1294, 022009.	0.4	8
33	Enhancing the CO2 sensor response of nickel oxide-doped tin dioxide thin films synthesized by SILAR method. Journal of Materials Science: Materials in Electronics, 2022, 33, 11851-11863.	2.2	8
34	Structural, Morphology and Optical properties of Ag-doped Nanostructured CdS thin films. Journal of Physics: Conference Series, 2021, 1999, 012063.	0.4	7
35	Structural and Optical Properties of Boron Doped Cadmium Oxide. Journal of Physics: Conference Series, 2019, 1234, 012014.	0.4	6
36	Effect of Al Doping on Structural and Optical Parameters of ZnO Thin Films. Materials Focus, 2016, 5, 471-475.	0.4	6

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37	Effects of Mn doping on the characterization of nanostructured TiO₂thin films deposited via chemical spray pyrolysis method. Journal of Physics: Conference Series, 2020, 1664, 012069.	0.4	5
38	Synthesis and characterization of novel thin films derived from pyrazole-3-one and its metal complex with bivalent nickel ion to improve solar cell efficiency. Chemical Papers, 2020, 74, 2069-2078.	2.2	5
39	DESIGN AND FABRICATION OF EDGE FILTER USING ABSORBED ZnS SINGLE LAYER PREPARED BY FLASH EVAPORATION TECHNIQUE. Modern Physics Letters B, 2010, 24, 2821-2829.	1.9	4
40	Effect of laser fluence on the characteristics of CdSe nanoparticles prepared by laser ablation in methanol. High Energy Chemistry, 2015, 49, 438-448.	0.9	4
41	IMPROVING THE PHOTORESPONSE OF POROUS SILICON FOR SOLAR CELL APPLICATIONS BY EMBEDDING OF CdTe NANOPARTICLES. Surface Review and Letters, 2017, 24, 1850012.	1.1	4
42	Optical and Structural properties of Ni-doped Co3O4Nanostructure Thin films Via CSPM. Journal of Physics: Conference Series, 2019, 1362, 012115.	0.4	4
43	Investigation of Co-doped Cu2O thin films on the structural, optical and morphology by SPT. Journal of Physics: Conference Series, 2020, 1660, 012055.	0.4	4
44	Structural and Optical Properties of Undoped and Er³⁺-Doped ZnO Nanoparticles Synthesized by Laser Ablation in Ethanol. International Letters of Chemistry, Physics and Astronomy, 0, 63, 36-41.	0.0	4
45	Novel Relationship among Spiral Arm Pitch Angles (p) and momentum parameter of the host spiral galaxies. Journal of Physics: Conference Series, 2018, 1003, 012107.	0.4	3
46	Theoretical investigation for the relation (supermassive black hole mass)â€“(spiral arm pitch angle): a correlation for galaxies with classical bulges. IOP Conference Series: Materials Science and Engineering, 0, 571, 012118.	0.6	3
47	Gas sensor using gold doped copper oxide nanostructured thin films as modified cladding fiber. Chinese Physics B, 2021, 30, 068505.	1.4	3
48	New Design of Hairpin-Koch Fractal Filter for Suppression of Spurious Band. International Journal of Thin Film Science and Technology, 2013, 2, 217-221.	0.6	2
49	Optical and Structural characterization of spraying ZrO2 and doped B: ZrO2 thin films. Journal of Physics: Conference Series, 2020, 1660, 012057.	0.4	2
50	A New Correlation between Galaxy Stellar Masses and Spiral Arm. Journal of Physics: Conference Series, 2019, 1234, 012015.	0.4	1
51	A Comparison between Different Methods to Study the Supermassive Black Hole Mass - Pitch Angle Relation. Journal of Physics: Conference Series, 2019, 1294, 022010.	0.4	1
52	CdO/FTO Schottky photodetector with enhanced spectral responsivity and Specific detectivity prepared by electrolysis method. Journal of Physics: Conference Series, 2020, 1660, 012047.	0.4	1
53	Synthesis, Characterization and Photo-Kinetic Study of DiphenolSchiff Base and its Metal Complexeswith (Co+2, Ni+2, Cu+2) Ions. Indian Journal of Forensic Medicine and Toxicology (discontinued), 2019, 13, 1244.	0.0	1
54	Structure, Optical and Morphological Investigations of Nanostructures in Doped SNO2 Thin Films. Xinan Jiaotong Daxue Xuebao/Journal of Southwest Jiaotong University, 2019, 54, .	0.2	1

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55	Electronic Transitions and Dispersion Parameters of Annealed TiO2 Films Prepared by Vacuum Evaporation Technique. Materials Focus, 2014, 3, 23-27.	0.4	0
56	Sensing properties controlled by thickness variable of palladium oxide synthesized by RF-reactive sputtering. Optik, 2018, 174, 481-488.	2.9	0
57	Characterization and antibacterial of Gold Nanoparticles Prepared by Electrolysis method. Journal of Physics: Conference Series, 2020, 1660, 012045.	0.4	0
58	Synthesis of TiO2NPs with agricultural waste for photocatalytic and antibacterial applications. Journal of Physics: Conference Series, 2020, 1660, 012063.	0.4	0
59	Structural and Optical Properties of Sprayed Ba Doped CdS Nanostructure Thin Films. Journal of Physics: Conference Series, 2020, 1660, 012066.	0.4	0
60	Influence of Fluorine Content on physical Characterization of Sprayed CdO. IOP Conference Series: Earth and Environmental Science, 2021, 790, 012079.	0.3	0
61	Effect of Cu doping ZrO2 Thin films on physical properties grown by spray pyrolysis deposition. IOP Conference Series: Earth and Environmental Science, 2021, 790, 012078.	0.3	0
62	Investigation of Nanostructured NiO and Au Doped NiO Thin Films by SPT. IOP Conference Series: Earth and Environmental Science, 2021, 790, 012080.	0.3	0
63	The Effect of Non-Thermal Plasma on the Topographical and Optical Constants of Cd Doped ZnO Thin Films. Journal of Physics: Conference Series, 2021, 1963, 012037.	0.4	0
64	Physical Properties of Nanostructured Fe2O3 Thin films - Effect of Cobalt Doping Deposited by CSP. Journal of Physics: Conference Series, 2021, 1999, 012062.	0.4	0
65	Study of Effect of the Chrome Additive on the Structural, Morphology and Optical Properties of Nanostructured Titanium dioxide Thin Film. Journal of Physics: Conference Series, 2021, 1999, 012061.	0.4	0
66	Evaluation of Natural Radioactivity in Some Commercial Cement Samples by Using NaI(Tl) Detector. Materials Focus, 2017, 6, 339-344.	0.4	0
67	Measurement of Natural Radioactivity in Some Building Material Samples by Using NaI(Tl) Detector. Materials Focus, 2017, 6, 625-629.	0.4	0
68	Radon Concentrations in Soil Samples and Radon Exhalation Rates in Baghdad Governorate. Materials Focus, 2018, 7, 906-910.	0.4	0
69	Determine the mass of supermassive black hole in the centre of M31 in different methods. AIP Conference Proceedings, 2020, , .	0.4	0
70	Effect of oxygen impurities on the electronic and mechanical properties of penta-graphene sheet. Inorganic and Nano-Metal Chemistry, 0, , 1-8.	1.6	0