

Nadir F Habubi

List of Publications by Year in descending order

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papers

627
citations

623734

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713466

21
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70
docs citations

70
times ranked

371
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Enhancing the CO ₂ 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 |
| 2 | Influence of Fluorine Content on physical Characterization of Sprayed CdO. IOP Conference Series: Earth and Environmental Science, 2021, 790, 012079. | 0.3 | 0 |
| 3 | Effect of Cu doping ZrO ₂ Thin films on physical properties grown by spray pyrolysis deposition. IOP Conference Series: Earth and Environmental Science, 2021, 790, 012078. | 0.3 | 0 |
| 4 | 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 |
| 5 | Synthesis and characterization of metastable phases of SnO and Sn ₃ O ₄ thin films for solar cells applications. Journal of Physics: Conference Series, 2021, 1963, 012003. | 0.4 | 11 |
| 6 | 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 |
| 7 | Physical Properties of Nanostructured Fe ₂ O ₃ Thin films - Effect of Cobalt Doping Deposited by CSP. Journal of Physics: Conference Series, 2021, 1999, 012062. | 0.4 | 0 |
| 8 | Structural, Morphology and Optical properties of Ag-doped Nanostructured CdS thin films. Journal of Physics: Conference Series, 2021, 1999, 012063. | 0.4 | 7 |
| 9 | 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 |
| 10 | Gas sensor using gold doped copper oxide nanostructured thin films as modified cladding fiber. Chinese Physics B, 2021, 30, 068505. | 1.4 | 3 |
| 11 | Characterization and antibacterial of Gold Nanoparticles Prepared by Electrolysis method. Journal of Physics: Conference Series, 2020, 1660, 012045. | 0.4 | 0 |
| 12 | 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 |
| 13 | Synthesis of TiO ₂ NPs with agricultural waste for photocatalytic and antibacterial applications. Journal of Physics: Conference Series, 2020, 1660, 012063. | 0.4 | 0 |
| 14 | Influence of Substrate Temperature on Physical Properties of Nanostructured ZnS Thin Films. Journal of Physics: Conference Series, 2020, 1664, 012009. | 0.4 | 12 |
| 15 | Structural and Optical Characterization of Sprayed nanostructured Indium Doped Fe ₂ O ₃ Thin Films. Journal of Physics: Conference Series, 2020, 1664, 012016. | 0.4 | 11 |
| 16 | Effects of Mn doping on the characterization of nanostructured TiO ₂ thin films deposited via chemical spray pyrolysis method. Journal of Physics: Conference Series, 2020, 1664, 012069. | 0.4 | 5 |
| 17 | Structural and Optical Properties of Sprayed Ba Doped CdS Nanostructure Thin Films. Journal of Physics: Conference Series, 2020, 1660, 012066. | 0.4 | 0 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | Efficient, fast response, and low cost sensor for NH ₃ gas molecules based on SnO ₂ : CuO/macroPSi nanocomposites. Applied Physics A: Materials Science and Processing, 2020, 126, 1. | 2.3 | 10 |
| 20 | Room temperature gas sensor based on La ₂ O ₃ doped CuO thin films. Applied Physics A: Materials Science and Processing, 2020, 126, 1. | 2.3 | 23 |
| 21 | Investigation of some physical properties of Mn doped ZnS nano thin films. AIP Conference Proceedings, 2020, , . | 0.4 | 14 |
| 22 | 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 |
| 23 | 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 |
| 24 | Investigation of Co-doped Cu ₂ O thin films on the structural, optical and morphology by SPT. Journal of Physics: Conference Series, 2020, 1660, 012055. | 0.4 | 4 |
| 25 | Effect of Boron on Structural, Optical Characterization of Nanostructured Fe ₂ O ₃ thin Films. NeuroQuantology, 2020, 18, 55-60. | 0.2 | 18 |
| 26 | Effect of Vanadium on Structure and Morphology of SnO ₂ Thin Films. Nano Biomedicine and Engineering, 2020, 12, . | 0.9 | 20 |
| 27 | Sensitivity of Nanostructured Mn-Doped Cobalt Oxide Films for Gas Sensor Application. Nano Biomedicine and Engineering, 2020, 12, . | 0.9 | 18 |
| 28 | Determine the mass of supermassive black hole in the centre of M31 in different methods. AIP Conference Proceedings, 2020, , . | 0.4 | 0 |
| 29 | Optical and Structural characterization of spraying ZrO ₂ and doped B: ZrO ₂ thin films. Journal of Physics: Conference Series, 2020, 1660, 012057. | 0.4 | 2 |
| 30 | 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 |
| 31 | 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 |
| 32 | Structural and Optical Properties of Boron Doped Cadmium Oxide. Journal of Physics: Conference Series, 2019, 1234, 012014. | 0.4 | 6 |
| 33 | A New Correlation between Galaxy Stellar Masses and Spiral Arm. Journal of Physics: Conference Series, 2019, 1234, 012015. | 0.4 | 1 |
| 34 | Efficient SnO ₂ /CuO/porous silicon nanocomposites structure for NH ₃ gas sensing by incorporating CuO nanoparticles. Optical and Quantum Electronics, 2019, 51, 1. | 3.3 | 25 |
| 35 | Physical Properties of indium doped Cadmium sulfide thin films prepared by (SPT). Journal of Physics: Conference Series, 2019, 1294, 022008. | 0.4 | 10 |
| 36 | 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 |

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|----|---|-----|-----------|
| 37 | Optical and Structural properties of Ni-doped Co ₃ O ₄ Nanostructure Thin films Via CSPM. Journal of Physics: Conference Series, 2019, 1362, 012115. | 0.4 | 4 |
| 38 | The effect of substrate temperature on the physical properties of copper oxide films. Journal of Physics: Conference Series, 2019, 1294, 022009. | 0.4 | 8 |
| 39 | Increasing the Silicon Solar Cell Efficiency with Nanostructured SnO ₂ Anti-reflecting Coating Films. Silicon, 2019, 11, 543-548. | 3.3 | 18 |
| 40 | 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 |
| 41 | Structure, Optical and Morphological Investigations of Nanostructures in Doped SNO ₂ Thin Films. Xinan Jiaotong Daxue Xuebao/Journal of Southwest Jiaotong University, 2019, 54, . | 0.2 | 1 |
| 42 | Fabrication and Characterization of a p-AgO/PSi/n-Si Heterojunction for Solar Cell Applications. Silicon, 2018, 10, 371-376. | 3.3 | 15 |
| 43 | Preparation of epoxy chicken eggshell composite as thermal insulation. Journal of the Australian Ceramic Society, 2018, 54, 231-235. | 1.9 | 22 |
| 44 | Effects of FeCl ₃ additives on optical parameters of PVA. Journal of Physics: Conference Series, 2018, 1003, 012108. | 0.4 | 17 |
| 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 | Hydrogen sulfide sensor based on cupric oxide thin films. Optik, 2018, 172, 117-126. | 2.9 | 16 |
| 47 | Sensing properties controlled by thickness variable of palladium oxide synthesized by RF-reactive sputtering. Optik, 2018, 174, 481-488. | 2.9 | 0 |
| 48 | Dispersion Parameters of Polyvinyl Alcohol Films doped with Fe. Journal of Physics: Conference Series, 2018, 1003, 012094. | 0.4 | 10 |
| 49 | Radon Concentrations in Soil Samples and Radon Exhalation Rates in Baghdad Governorate. Materials Focus, 2018, 7, 906-910. | 0.4 | 0 |
| 50 | Synthesis, Structural, Thermal, and Electronic Properties of Palmierite-Related Double Molybdate $\text{[}\pm\text{-Cs}_{2}\text{Pb(MoO)}_{4}\text{]}_{2}$. Inorganic Chemistry, 2017, 56, 3276-3286. | 4.0 | 33 |
| 51 | 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 |
| 52 | New trends in ZnO nanoparticles/n-Si heterojunction photodetector preparation by pulsed laser ablation in ethanol. Optik, 2017, 147, 391-400. | 2.9 | 12 |
| 53 | Evaluation of Natural Radioactivity in Some Commercial Cement Samples by Using NaI(Tl) Detector. Materials Focus, 2017, 6, 339-344. | 0.4 | 0 |
| 54 | Measurement of Natural Radioactivity in Some Building Material Samples by Using NaI(Tl) Detector. Materials Focus, 2017, 6, 625-629. | 0.4 | 0 |

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|----|--|-----|-----------|
| 55 | Preparation of high-sensitivity In ₂ S ₃ /Si heterojunction photodetector by chemical spray pyrolysis. <i>Optical and Quantum Electronics</i> , 2016, 48, 1. | 3.3 | 49 |
| 56 | Effect of Al Doping on Structural and Optical Parameters of ZnO Thin Films. <i>Materials Focus</i> , 2016, 5, 471-475. | 0.4 | 6 |
| 57 | ANNEALING TIME EFFECT ON NANOSTRUCTURED n-ZnO/p-Si HETEROJUNCTION PHOTODETECTOR PERFORMANCE. <i>Surface Review and Letters</i> , 2015, 22, 1550027. | 1.1 | 12 |
| 58 | Effect of laser fluence on the characteristics of CdSe nanoparticles prepared by laser ablation in methanol. <i>High Energy Chemistry</i> , 2015, 49, 438-448. | 0.9 | 4 |
| 59 | Characterization of CdS nanoparticles prepared by laser ablation in methanol. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 9853-9858. | 2.2 | 10 |
| 60 | Electronic Transitions and Dispersion Parameters of Annealed TiO ₂ Films Prepared by Vacuum Evaporation Technique. <i>Materials Focus</i> , 2014, 3, 23-27. | 0.4 | 0 |
| 61 | Optoelectronic properties of porous silicon heterojunction photodetector. <i>Indian Journal of Physics</i> , 2014, 88, 59-63. | 1.8 | 11 |
| 62 | Preparation of colloidal cadmium selenide nanoparticles by pulsed laser ablation in methanol and toluene. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 3190-3194. | 2.2 | 13 |
| 63 | Structural properties and refractive index dispersion of cobalt doped SnO ₂ thin films. <i>Indian Journal of Physics</i> , 2013, 87, 235-239. | 1.8 | 32 |
| 64 | New Design of Hairpin-Koch Fractal Filter for Suppression of Spurious Band. <i>International Journal of Thin Film Science and Technology</i> , 2013, 2, 217-221. | 0.6 | 2 |
| 65 | 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. <i>Chinese Physics Letters</i> , 2012, 29, 037302. | 3.3 | 8 |
| 66 | DESIGN AND FABRICATION OF EDGE FILTER USING ABSORBED ZnS SINGLE LAYER PREPARED BY FLASH EVAPORATION TECHNIQUE. <i>Modern Physics Letters B</i> , 2010, 24, 2821-2829. | 1.9 | 4 |
| 67 | Substrate Effects on Structural and Optical Properties of ZnO Thin Films Deposited by Chemical Spray Pyrolysis. <i>International Letters of Chemistry, Physics and Astronomy</i> , 0, 51, 69-77. | 0.0 | 9 |
| 68 | Theoretical investigation for the relation (supermassive black hole mass) ² (spiral arm pitch angle): a correlation for galaxies with classical bulges. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 571, 012118. | 0.6 | 3 |
| 69 | Structural and Optical Properties of Undoped and Er ³⁺ -Doped ZnO Nanoparticles Synthesized by Laser Ablation in Ethanol. <i>International Letters of Chemistry, Physics and Astronomy</i> , 0, 63, 36-41. | 0.0 | 4 |
| 70 | Effect of oxygen impurities on the electronic and mechanical properties of penta-graphene sheet. <i>Inorganic and Nano-Metal Chemistry</i> , 0, , 1-8. | 1.6 | 0 |