

Moayad Husein Flaifel

List of Publications by Year in descending order

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30
papers

649
citations

687363

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docs citations

30
times ranked

793
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Cytotoxicity of nickel zinc ferrite nanoparticles on cancer cells of epithelial origin. International Journal of Nanomedicine, 2013, 8, 2497. | 6.7 | 84 |
| 2 | A Facile Thermal-Treatment Route to Synthesize ZnO Nanosheets and Effect of Calcination Temperature. PLoS ONE, 2014, 9, e103134. | 2.5 | 66 |
| 3 | A facile thermal-treatment route to synthesize the semiconductor CdO nanoparticles and effect of calcination. Materials Science in Semiconductor Processing, 2014, 26, 460-466. | 4.0 | 58 |
| 4 | Characterization of thymoquinone/hydroxypropyl- β -cyclodextrin inclusion complex: Application to anti-allergy properties. European Journal of Pharmaceutical Sciences, 2019, 133, 167-182. | 4.0 | 46 |
| 5 | Structural, morphological and optical behaviour of PVP capped binary (ZnO) _{0.4} (CdO) _{0.6} nanoparticles synthesised by a facile thermal route. Materials Science in Semiconductor Processing, 2016, 53, 56-65. | 4.0 | 43 |
| 6 | Preparation, thermal, magnetic and microwave absorption properties of thermoplastic natural rubber matrix impregnated with NiZn ferrite nanoparticles. Composites Science and Technology, 2014, 96, 103-108. | 7.8 | 38 |
| 7 | Thermal conductivity and dynamic mechanical analysis of NiZn ferrite nanoparticles filled thermoplastic natural rubber nanocomposite. Composites Part B: Engineering, 2013, 52, 334-339. | 12.0 | 35 |
| 8 | Calcined Solution-Based PVP Influence on ZnO Semiconductor Nanoparticle Properties. Crystals, 2017, 7, 2. | 2.2 | 35 |
| 9 | Induction of apoptosis in cancer cells by NiZn ferrite nanoparticles through mitochondrial cytochrome C release. International Journal of Nanomedicine, 2013, 8, 4115. | 6.7 | 34 |
| 10 | NiZn ferrite filled thermoplastic natural rubber nanocomposites: Effect of low temperature on their magnetic behaviour. Cryogenics, 2012, 52, 523-529. | 1.7 | 33 |
| 11 | Photophysical properties and energy transfer mechanism of PFO/Fluorol 7GA hybrid thin films. Journal of Luminescence, 2013, 142, 57-65. | 3.1 | 19 |
| 12 | The role of cobalt doping on magnetic and optical properties of indium oxide nanostructured thin film prepared by sol-gel method. Materials Research Bulletin, 2015, 63, 147-154. | 5.2 | 16 |
| 13 | An Approach Towards Optimization Appraisal of Thermal Conductivity of Magnetic Thermoplastic Elastomeric Nanocomposites Using Response Surface Methodology. Polymers, 2020, 12, 2030. | 4.5 | 15 |
| 14 | Morphological, structural and optical behaviour of PVA capped binary (NiO) _{0.5} (Cr ₂ O ₃) _{0.5} nanoparticles produced via single step based thermal technique. Results in Physics, 2020, 17, 103059. | 4.1 | 15 |
| 15 | Preparation and characterisation of NiZn ferrite/multiwalled nanotubes thermoplastic natural rubber composite. International Journal of Materials Engineering Innovation, 2013, 4, 214. | 0.5 | 13 |
| 16 | Influence of Zn/Fe Molar Ratio on Optical and Magnetic Properties of ZnO and ZnFe ₂ O ₄ Nanocrystal as Calcined Products of Layered Double Hydroxides. Journal of Spectroscopy, 2014, 2014, 1-6. | 1.3 | 13 |
| 17 | Role of sonication time on thermal behaviour and dynamic mechanical analysis of NiZn ferrite incorporated PLA/LNR nanocomposite. Bulletin of Materials Science, 2019, 42, 1. | 1.7 | 12 |
| 18 | Effect of ultrasonic treatment on tensile properties of PLA/LNR/NiZn ferrite nanocomposite. AIP Conference Proceedings, 2013, , . | 0.4 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Comparison of magnetic and microwave absorbing properties between multiwalled carbon nanotubes nanocomposite, nickel zinc ferrite nanocomposite and hybrid nanocomposite. World Journal of Engineering, 2014, 11, 317-322. | 1.6 | 9 |
| 20 | Synthesis, Structural and Morphological Properties of Cadmium Oxide Nanoparticles Prepared by Thermal Treatment Method. Advanced Materials Research, 0, 1107, 291-294. | 0.3 | 9 |
| 21 | The Effect of PVP Concentration on Particle Size, Morphological and Optical Properties of Cassiterite Nanoparticles. IEEE Access, 2020, 8, 93444-93454. | 4.2 | 9 |
| 22 | The Effect of Precursor Concentration on the Particle Size, Crystal Size, and Optical Energy Gap of $Ce_xSn_{1-x}O_2$ Nanofabrication. Nanomaterials, 2021, 11, 2143. | 4.1 | 9 |
| 23 | Preparation, characterization, in vitro drug release and anti-inflammatory of thymoquinone-loaded chitosan nanocomposite. Saudi Pharmaceutical Journal, 2022, 30, 347-358. | 2.7 | 7 |
| 24 | The Influence of Adopted Chemical Modification Route on the Thermal and Mechanical Properties of Alumina Nanoparticles-Impregnated Thermoplastic Natural Rubber Nanocomposite. Arabian Journal for Science and Engineering, 2020, 45, 1181-1190. | 3.0 | 6 |
| 25 | Magnetic and optical properties of synthesized $ZnO@ZnFe_2O_4$ nanocomposites via calcined $ZnFe$ layered double hydroxide. Optical Materials, 2020, 108, 110179. | 3.6 | 6 |
| 26 | Enhanced magnetic nanoparticles dispersion effect on the behaviour of ultrasonication-assisted compounding processing of PLA/LNR/NiZn nanocomposites. Journal of Materials Research and Technology, 2021, 15, 5988-6000. | 5.8 | 5 |
| 27 | Magnetic Properties of Irradiated Nickel Ferrite Thermoplastic Natural Rubber Nanocomposite. Advanced Materials Research, 0, 879, 206-212. | 0.3 | 3 |
| 28 | The effect of VCSEL intrinsic dynamics on polarization bistability. Results in Physics, 2019, 14, 102379. | 4.1 | 2 |
| 29 | Electrical Conductivity and Antenna Properties of Polyaniline filled GNPs Nanocomposites. Malaysian Journal of ELT Research, 2021, 4, 11-27. | 0.2 | 0 |
| 30 | Effect of Different Waste Coal Ash (WCA) Loading to Dynamic Load Application of Chloroprene Rubber. Malaysian Journal of ELT Research, 2020, 3, 27-37. | 0.2 | 0 |