

# Moayad Husein Flaifel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5899353/publications.pdf>

Version: 2024-02-01

30  
papers

649  
citations

687363

13  
h-index

580821

25  
g-index

30  
all docs

30  
docs citations

30  
times ranked

793  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation, characterization, in vitro drug release and anti-inflammatory of thymoquinone-loaded chitosan nanocomposite. Saudi Pharmaceutical Journal, 2022, 30, 347-358.	2.7	7
2	Electrical Conductivity and Antenna Properties of Polyaniline filled GNPs Nanocomposites. Malaysian Journal of ELT Research, 2021, 4, 11-27.	0.2	0
3	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
4	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
5	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
6	An Approach Towards Optimization Appraisal of Thermal Conductivity of Magnetic Thermoplastic Elastomeric Nanocomposites Using Response Surface Methodology. Polymers, 2020, 12, 2030.	4.5	15
7	The Effect of PVP Concentration on Particle Size, Morphological and Optical Properties of Cassiterite Nanoparticles. IEEE Access, 2020, 8, 93444-93454.	4.2	9
8	Morphological, structural and optical behaviour of PVA capped binary $(NiO)_{0.5}(Cr_2O_3)_{0.5}$ nanoparticles produced via single step based thermal technique. Results in Physics, 2020, 17, 103059.	4.1	15
9	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
10	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
11	The effect of VCSEL intrinsic dynamics on polarization bistability. Results in Physics, 2019, 14, 102379.	4.1	2
12	Characterization of thymoquinone/hydroxypropyl- $\beta$ -cyclodextrin inclusion complex: Application to anti-allergy properties. European Journal of Pharmaceutical Sciences, 2019, 133, 167-182.	4.0	46
13	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
14	Calcined Solution-Based PVP Influence on ZnO Semiconductor Nanoparticle Properties. Crystals, 2017, 7, 2.	2.2	35
15	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
16	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
17	A Facile Thermal-Treatment Route to Synthesize ZnO Nanosheets and Effect of Calcination Temperature. PLoS ONE, 2014, 9, e103134.	2.5	66
18	Influence of Zn/Fe Molar Ratio on Optical and Magnetic Properties of ZnO and $ZnFe_2O_4$ Nanocrystal as Calcined Products of Layered Double Hydroxides. Journal of Spectroscopy, 2014, 2014, 1-6.	1.3	13

#	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	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
21	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
22	Photophysical properties and energy transfer mechanism of PFO/Fluorol 7GA hybrid thin films. Journal of Luminescence, 2013, 142, 57-65.	3.1	19
23	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
24	Preparation and characterisation of NiZn ferrite/multiwalled nanotubes thermoplastic natural rubber composite. International Journal of Materials Engineering Innovation, 2013, 4, 214.	0.5	13
25	Effect of ultrasonic treatment on tensile properties of PLA/LNR/NiZn ferrite nanocomposite. AIP Conference Proceedings, 2013, , .	0.4	9
26	Cytotoxicity of nickel zinc ferrite nanoparticles on cancer cells of epithelial origin. International Journal of Nanomedicine, 2013, 8, 2497.	6.7	84
27	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
28	NiZn ferrite filled thermoplastic natural rubber nanocomposites: Effect of low temperature on their magnetic behaviour. Cryogenics, 2012, 52, 523-529.	1.7	33
29	Magnetic Properties of Irradiated Nickel Ferrite Thermoplastic Natural Rubber Nanocomposite. Advanced Materials Research, 0, 879, 206-212.	0.3	3
30	Synthesis, Structural and Morphological Properties of Cadmium Oxide Nanoparticles Prepared by Thermal Treatment Method. Advanced Materials Research, 0, 1107, 291-294.	0.3	9