

Naif Mohammed Al-Hada

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,192
citations

361296

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414303

32
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55
all docs

55
docs citations

55
times ranked

1147
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison Study of Elastic, Physical and Structural Properties for Strontium Oxide and Manganese Oxide in Borotellurite Glasses for High Strength Glass Application. Journal of Inorganic and Organometallic Polymers and Materials, 2022, 32, 353-364.	1.9	3
2	Effect of Calcination Temperature on the Structural and Optical Properties of (ZnO) _{0.8} (ZrO ₂) _{0.2} Nanoparticles. Journal of Inorganic and Organometallic Polymers and Materials, 2022, 32, 1755-1765.	1.9	7
3	Microstructural and physical properties of samarium orthoferrite thin films by the sol-gel method. Results in Physics, 2022, 36, 105446.	2.0	6
4	Up-scalable synthesis of size-controlled NiSe nanoparticles using single step technique. Journal of Materials Research and Technology, 2022, 18, 4918-4929.	2.6	3
5	Nanofabrication of (Cr ₂ O ₃) _x (NiO) _{1-x} and the impact of precursor concentrations on nanoparticles conduct. Journal of Materials Research and Technology, 2021, 11, 252-263.	2.6	11
6	Investigation of Structural and Optical Properties of Graphene Oxide-Coated Neodymium Nanoparticles Doped Zinc-Tellurite Glass for Glass Fiber. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 4349-4359.	1.9	8
7	Binary nickel and silver oxides by thermal route: preparation and characterization. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	1.1	3
8	The Effect of Precursor Concentration on the Particle Size, Crystal Size, and Optical Energy Gap of CexSn _{1-x} O ₂ Nanofabrication. Nanomaterials, 2021, 11, 2143.	1.9	9
9	Red emission, upconversion and intensity parameters of erbium oxide doped tellurite glass for laser glass. Journal of Materials Science: Materials in Electronics, 2021, 32, 24415-24428.	1.1	3
10	Effects of hydrogen annealing temperature on the structural and physical properties of In _{1.925} Cr _{0.05} Cu _{0.025} O ₃ thin films. Physica B: Condensed Matter, 2021, 621, 413290.	1.3	5
11	Energy Management Systems and Strategies in Buildings Sector: A Scoping Review. IEEE Access, 2021, 9, 63790-63813.	2.6	25
12	A review on preparation and characterization of silver/nickel oxide nanostructures and their applications. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	1.1	2
13	Pixel Intensity-Based Contrast Algorithm (PICA) for Image Edges Extraction (IEE). IEEE Access, 2020, 8, 119200-119220.	2.6	2
14	Fabrication of binary (ZnO) _x (TiO ₂) _{1-x} nanoparticles via thermal treatment route and evaluating the impact of various molar concentrations on the structure and optical behaviors. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	10
15	Synthesis and Characterization of Conducting Polyaniline Based on ANI-PVA-MgCl ₂ Composites Using Gamma Radiation Technique. IEEE Access, 2020, 8, 139479-139488.	2.6	7
16	Radiological dose and health impact to Jordanian populace due to radioactivity in staple food crops from four representative soils in Jordan. Journal of Radioanalytical and Nuclear Chemistry, 2020, 326, 1679-1689.	0.7	7
17	The Effect of PVP Concentration on Particle Size, Morphological and Optical Properties of Cassiterite Nanoparticles. IEEE Access, 2020, 8, 93444-93454.	2.6	9
18	A Review: Buildings Energy Savings - Lighting Systems Performance. IEEE Access, 2020, 8, 76108-76119.	2.6	24

#	ARTICLE	IF	CITATIONS
19	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.	2.0	15
20	Radiation-induced synthesis, electrical and optical characterization of conducting polyaniline of PANI/ PVA composites. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 261, 114758.	1.7	6
21	Structural, morphological and optical properties of (ZnO) _{0.2} (ZrO ₂) _{0.8} nanoparticles. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	5
22	Comprehensive study on morphological, structural and optical properties of Cr ₂ O ₃ nanoparticle and its antibacterial activities. Journal of Materials Science: Materials in Electronics, 2019, 30, 8035-8046.	1.1	18
23	Fabrication and characterization of Manganese-Zinc Ferrite nanoparticles produced utilizing heat treatment technique. Results in Physics, 2019, 12, 1821-1825.	2.0	26
24	Calcium-Substituted Y ₃ Ba ₅ Cu ₈ O ₁₈ Ceramics Synthesized via Thermal Treatment Method: Structural and Superconducting Properties. Journal of Superconductivity and Novel Magnetism, 2019, 32, 1875-1883.	0.8	8
25	Synthesis and characterization of binary (CuO) _{0.6} (CeO ₂) _{0.4} nanoparticles via a simple heat treatment method. Results in Physics, 2018, 9, 471-478.	2.0	26
26	Copper oxide nanoparticles synthesized by a heat treatment approach with structural, morphological and optical characteristics. Journal of Materials Science: Materials in Electronics, 2018, 29, 1025-1033.	1.1	22
27	Thermal Calcination-Based Production of SnO ₂ Nanopowder: An Analysis of SnO ₂ Nanoparticle Characteristics and Antibacterial Activities. Nanomaterials, 2018, 8, 250.	1.9	48
28	Effect of polyvinylpyrrolidone on cerium oxide nanoparticle characteristics prepared by a facile heat treatment technique. Results in Physics, 2017, 7, 611-619.	2.0	32
29	Microstructure and superconducting properties of Ca substituted Y(Ba _{1-x} Ca _x) ₂ Cu ₃ O _{7-δ} ceramics prepared by thermal treatment method. Results in Physics, 2017, 7, 407-412.	2.0	21
30	Preparation of Zeolite/Zinc Oxide Nanocomposites for toxic metals removal from water. Results in Physics, 2017, 7, 723-731.	2.0	93
31	Structural and superconducting properties of Y(Ba _{1-x}) ₂ Cu ₃ O _{7-δ} ceramics. Ceramics International, 2017, 43, 11339-11344.	2.3	11
32	Synthesis and characterization of CdSe nanoparticles via thermal treatment technique. Results in Physics, 2017, 7, 1556-1562.	2.0	46
33	Simple synthesis of ZnSe nanoparticles by thermal treatment and their characterization. Results in Physics, 2017, 7, 1175-1180.	2.0	47
34	Influence of gamma radiation on the structural and optical properties of thulium-doped glass. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2017, 226, 158-163.	1.7	19
35	Calcined Solution-Based PVP Influence on ZnO Semiconductor Nanoparticle Properties. Crystals, 2017, 7, 2.	1.0	35
36	Down-top nanofabrication of binary (CdO) _x (ZnO) _{1-x} nanoparticles and their antibacterial activity. International Journal of Nanomedicine, 2017, Volume 12, 8309-8323.	3.3	31

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37	Formation of a Colloidal CdSe and ZnSe Quantum Dots via a Gamma Radiolytic Technique. Applied Sciences (Switzerland), 2016, 6, 278.	1.3	12
38	The Impact of Polyvinylpyrrolidone on Properties of Cadmium Oxide Semiconductor Nanoparticles Manufactured by Heat Treatment Technique. Polymers, 2016, 8, 113.	2.0	38
39	Fabrication and characterization of semiconductor nickel oxide (NiO) nanoparticles manufactured using a facile thermal treatment. Results in Physics, 2016, 6, 1024-1030.	2.0	77
40	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.	1.9	43
41	A Simple Up-Scalable Thermal Treatment Method for Synthesis of ZnO Nanoparticles. Metals, 2015, 5, 2383-2392.	1.0	43
42	Optimisation of the Photonic Efficiency of TiO ₂ Decorated on MWCNTs for Methylene Blue Photodegradation. PLoS ONE, 2015, 10, e0125511.	1.1	9
43	Up-scalable synthesis of size-controlled copper ferrite nanocrystals by thermal treatment method. Materials Science in Semiconductor Processing, 2015, 40, 564-569.	1.9	94
44	A Facile Thermal-Treatment Route to Synthesize ZnO Nanosheets and Effect of Calcination Temperature. PLoS ONE, 2014, 9, e103134.	1.1	66
45	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.	0.6	13
46	Structural, Optical, and Magnetic Characterization of Spinel Zinc Chromite Nanocrystallines Synthesised by Thermal Treatment Method. Journal of Nanomaterials, 2014, 2014, 1-7.	1.5	40
47	A facile thermal-treatment route to synthesize the semiconductor CdO nanoparticles and effect of calcination. Materials Science in Semiconductor Processing, 2014, 26, 460-466.	1.9	58
48	The Influence of Calcination Temperature on the Formation of Zinc Oxide Nanoparticles by Thermal-Treatment. Applied Mechanics and Materials, 0, 446-447, 181-184.	0.2	11
49	Synthesis, Structural and Morphological Properties of Cadmium Oxide Nanoparticles Prepared by Thermal Treatment Method. Advanced Materials Research, 0, 1107, 291-294.	0.3	9
50	Effects of Calcination Temperature on Microstructure and Superconducting Properties of Y123 Ceramic Prepared Using Thermal Treatment Method. Solid State Phenomena, 0, 268, 325-329.	0.3	5
51	Synthesis, Structural and Optical Properties of Cerium Oxide Nanoparticles Prepared by Thermal Treatment Method. Solid State Phenomena, 0, 268, 132-137.	0.3	4
52	Structural and Morphological Properties of Manganese-Zinc Ferrite Nanoparticles Prepared by Thermal Treatment Route. Solid State Phenomena, 0, 290, 307-313.	0.3	3