

Aiyeshah Alhodaib

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

235
citations

1163117

8
h-index

1058476

14
g-index

22
all docs

22
docs citations

22
times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	Low Leakage-Current InAsSb Nanowire Photodetectors on Silicon. Nano Letters, 2016, 16, 182-187.	9.1	63
2	Microstructure and optical studies of electron beam evaporated ZnSe _{1-x} Te _x nanocrystalline thin films. Journal of Alloys and Compounds, 2012, 532, 16-24.	5.5	44
3	Hydrogel Containing Solid Lipid Nanoparticles Loaded with Argan Oil and Simvastatin: Preparation, In Vitro and Ex Vivo Assessment. Gels, 2022, 8, 277.	4.5	23
4	Experimental Investigation on Silicon Powder Mixed-EDM of Nimonic-90 Superalloy. Metals, 2021, 11, 1673.	2.3	22
5	Influence of gamma ray on optical and structural properties of commercial glass enriched with copper oxide. Inorganic Chemistry Communication, 2021, 124, 108388.	3.9	20
6	Room-Temperature Mid-Infrared Emission from Faceted InAsSb Multi Quantum Wells Embedded in InAs Nanowires. Nano Letters, 2018, 18, 235-240.	9.1	11
7	Exploration of microplastic pollution with particular focus on source identification and spatial patterns in riverine water, sediment and fish of the Swat River, Pakistan. RSC Advances, 2022, 12, 9556-9566.	3.6	10
8	Study of vacancy ordered double perovskites In ₂ PtX ₆ (X = Cl, Br, I) for solar cells and renewable energy, alternative of hybrid perovskites. Journal of Solid State Chemistry, 2022, 309, 123015.	2.9	10
9	Synthesis, characterization and application of organoclays for adsorptive desulfurization of fuel oil. Scientific Reports, 2022, 12, 7362.	3.3	9
10	Comparative Evaluation of Biomedical Applications of Zinc Nanoparticles Synthesized by Using Withania somnifera Plant Extracts. Plants, 2022, 11, 1525.	3.5	9
11	Effects of Strontium on the Structural, Optical, and Microwave Dielectric Properties of Ba ₂ Ti ₉ O ₂₀ Ceramics Synthesized by a Mixed Oxide Route. ACS Omega, 2022, 7, 25573-25579.	3.5	5
12	Effect of Rare-Earth Ions on the Optical and PL Properties of Novel Borosilicate Glass Developed from Agricultural Waste. Materials, 2021, 14, 5607.	2.9	4
13	Design and Evaluation of pH-Sensitive Nanoformulation of Bergenin Isolated from Bergenia ciliata. Polymers, 2022, 14, 1639.	4.5	2
14	Evaluation of In Doped GaAs Alloys to Optimize Electronic, Thermoelectric and Mechanical Properties. Materials, 2022, 15, 1781.	2.9	1
15	Sequestration of Anionic and Cationic Dyes through Thermally Activated Slate and Their Kinetics and Thermodynamic Characteristics. ACS Omega, 2022, 7, 12212-12221.	3.5	1
16	Nanowires for Room-Temperature Mid-Infrared Emission. , 0, , .		0
17	Simulation of heat generation factors in kesterite CZTSSe thin film solar cells. Optical and Quantum Electronics, 2022, 54, 1.	3.3	0
18	Fabrication, characterization and simulation analysis of perovskite solar cells with dopant-free solution-processible C ₆ PcH ₂ hole transporting material. Optical and Quantum Electronics, 2022, 54, 1.	3.3	0

#	ARTICLE	IF	CITATIONS
19	Biogeochemical Behavior of Lead and Nickel as Influenced by Phosphatic Fertilizer Applied to Rice (<i>Oryza sativa</i> L.) Cultivars Grown under City Effluent Irrigation. <i>Water (Switzerland)</i> , 2022, 14, 1319.	2.7	0
20	Preparation of Bioglasses Developed from Bypass Cement Dust for Bone Regeneration and Comparing Their Radiation Damage Prediction with Natural Bone. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 0, , 1.	3.7	0
21	Effect of Co ²⁺ doping on the structural and dielectric properties of La _{0.8} K _{0.2} MnO ₃ perovskite. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 0, , .	1.8	0