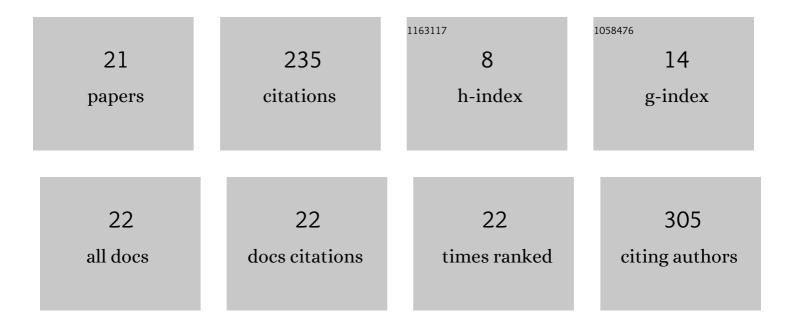
Aiyeshah Alhodaib

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Simulation of heat generation factors in kesterite CZTSSe thin film solar cells. Optical and Quantum Electronics, 2022, 54, 1. | 3.3 | 0 |
| 2 | 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 |
| 3 | Evaluation of In Doped GaAs Alloys to Optimize Electronic, Thermoelectric and Mechanical Properties. Materials, 2022, 15, 1781. | 2.9 | 1 |
| 4 | 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 |
| 5 | Fabrication, characterization and simulation analysis of perovskite solar cells with dopant-free solution-processible C6PcH2 hole transporting material. Optical and Quantum Electronics, 2022, 54, 1. | 3.3 | 0 |
| 6 | Study of vacancy ordered double perovskites In2PtX6 (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 |
| 7 | Design and Evaluation of pH-Sensitive Nanoformulation of Bergenin Isolated from Bergenia ciliata. Polymers, 2022, 14, 1639. | 4.5 | 2 |
| 8 | Biogeochemical Behavior of Lead and Nickel as Influenced by Phosphatic Fertilizer Applied to Rice (Oryza sativa L.) Cultivars Grown under City Effluent Irrigation. Water (Switzerland), 2022, 14, 1319. | 2.7 | 0 |
| 9 | 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 |
| 10 | Synthesis, characterization and application of organoclays for adsorptive desulfurization of fuel oil. Scientific Reports, 2022, 12, 7362. | 3.3 | 9 |
| 11 | Comparative Evaluation of Biomedical Applications of Zinc Nanoparticles Synthesized by Using Withania somnifera Plant Extracts. Plants, 2022, 11, 1525. | 3.5 | 9 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | Experimental Investigation on Silicon Powder Mixed-EDM of Nimonic-90 Superalloy. Metals, 2021, 11, 1673. | 2.3 | 22 |
| 16 | Room-Temperature Mid-Infrared Emission from Faceted InAsSb Multi Quantum Wells Embedded in InAs Nanowires. Nano Letters, 2018, 18, 235-240. | 9.1 | 11 |
| 17 | Low Leakage-Current InAsSb Nanowire Photodetectors on Silicon. Nano Letters, 2016, 16, 182-187. | 9.1 | 63 |
| 18 | Microstructure and optical studies of electron beam evaporated ZnSe1â^'xTex nanocrystalline thin films, Journal of Alloys and Compounds, 2012, 532, 16-24 | 5.5 | 44 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Nanowires for Room-Temperature Mid-Infrared Emission. , 0, , . | | 0 |
| 20 | Preparation of Bioglasses Developed from Bypass Cement Dust for Bone Regeneration and Comparing Their Radiation Damage Prediction with Natural Bone. Journal of Inorganic and Organometallic Polymers and Materials, 0, , 1. | 3.7 | 0 |
| 21 | Effect of Coâ€doping on the structural and dielectric properties of La _{0.8} K _{0.2} MnO ₃ perovskite. Physica Status Solidi (A) Applications and Materials Science, 0, , . | 1.8 | 0 |