

Imen Kebaili

List of Publications by Year in descending order

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papers

611
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687363

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#	ARTICLE	IF	CITATIONS
1	Spectroscopic and Attenuation Shielding Studies on B ₂ O ₃ -SiO ₂ -LiF- ZnO-TiO ₂ Glasses. <i>Silicon</i> , 2022, 14, 3091-3100.	3.3	61
2	Synthesis of Pb ₃ O ₄ -SiO ₂ -ZnO-WO ₃ Glasses and their Fundamental Properties for Gamma Shielding Applications. <i>Silicon</i> , 2022, 14, 5661-5671.	3.3	38
3	The role of PbF ₂ on the gamma-ray photon, charged particles, and neutron shielding prowess of novel lead fluoro bismuth borate glasses. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 1123-1139.	2.2	46
4	Characterization of physicochemical properties of As ₂ Se ₃ –GeTe–AgI chalcogenide glasses for solar cell and IR applications: influence of adding AgI. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 800.	2.2	4
5	Plant-mediated green synthesis of zinc oxide nanoparticles for novel application to enhance the shelf life of tomatoes. <i>Applied Nanoscience (Switzerland)</i> , 2022, 12, 179-191.	3.1	27
6	Integrating ZnO/CdS Schottky junction for remarkably enhanced photocatalytic performance under solar spectrum. <i>Applied Nanoscience (Switzerland)</i> , 2022, 12, 1613-1626.	3.1	4
7	Cytotoxic and photocatalytic studies of hexagonal boron nitride nanotubes: a potential candidate for wastewater and air treatment. <i>RSC Advances</i> , 2022, 12, 6592-6600.	3.6	15
8	Non-woven fabric coated with candle soot for water remediation. <i>Journal of the Australian Ceramic Society</i> , 2022, 58, 617-625.	1.9	1
9	Dielectric Constant, Metallization Criterion and Optical Properties of CuO Doped TeO ₂ –B ₂ O ₃ Glasses. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 2513-2526.	3.7	2
10	High and temperature-insensitive piezoelectric performance in the lead-free Sm-doped BiFeO ₃ –BaTiO ₃ ceramics with high Curie temperature. <i>Ceramics International</i> , 2022, 48, 26608-26617.	4.8	11
11	Variations in the band gap of semiconducting glassy chalcogenides with composition. <i>Philosophical Magazine</i> , 2021, 101, 450-467.	1.6	11
12	Role of heavy metal oxides on the radiation attenuation properties of newly developed TBBE-X glasses by computational methods. <i>Physica Scripta</i> , 2021, 96, 075302.	2.5	55
13	Ge ₂₀ Se _{80-x} Bix (x=0-12) chalcogenide glasses for infrared and gamma sensing applications: structural, optical and gamma attenuation aspects. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 15509-15522.	2.2	28
14	Effect of Ag ₂ O substituted in bioactive glasses: a synergistic relationship between antibacterial zone and radiation attenuation properties. <i>Journal of Materials Research and Technology</i> , 2021, 13, 2194-2201.	5.8	11
15	The effect of adding CsCl content on physicochemical properties of (GeS ₂ –Sb ₂ S ₃) _{100-x} (CsCl) _x (0 ≤ x ≤ 100) glasses. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 15509-15522.	3.6	14
16	Physical characteristics, band-gap and glass-transition temperature estimations of (CdTe) _{100-x} (SbSe) _x glasses. <i>Physica Scripta</i> , 2021, 96, 125840.	2.5	0
17	Synthesis of BiVO ₄ /NiFe ₂ O ₄ composite for photocatalytic degradation of methylene blue. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 2793.	3.1	7
18	Synthesis and characterization of Ag-ZnO nano-composites for investigation of variations in the germination of peanut and kidney beans. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 2767-2777.	3.1	8

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19	Study of the influence of MoO ₃ concentration on the chemical structure, physical properties, and radiation absorption prowess of alumino lead borate glasses. <i>Physica Scripta</i> , 2021, 96, 125325.	2.5	4
20	Effect of lead oxide on the optical properties and radiation shielding efficiency of antimony-sodium-tungsten glasses. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	33
21	Radiation attenuation properties of bioactive glasses doped with NiO. <i>Ceramics International</i> , 2020, 46, 19880-19889.	4.8	27
22	Gamma-ray shielding parameters of lithium borotellurite glasses using Geant4 code. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	15
23	Effect of (SbS) addition on the physical properties of quaternary (CdTe) _{100-x} (SbS) _x (0 ≤ x ≤ 28 at. %) glasses and band gap engineering. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	10
24	Effect of TiO ₂ /V ₂ O ₅ substitution on the optical and radiation shielding properties of alkali borate glasses: A Monte Carlo investigation. <i>Ceramics International</i> , 2020, 46, 25671-25677.	4.8	27
25	Photon and electron attenuation parameters of phosphate and borate bioactive glasses by using Geant4 simulations. <i>Ceramics International</i> , 2020, 46, 24435-24442.	4.8	74
26	Estimation of gamma-rays, and fast and the thermal neutrons attenuation characteristics for bismuth tellurite and bismuth boro-tellurite glass systems. <i>Journal of Materials Science</i> , 2020, 55, 5750-5771.	3.7	60
27	Impact of indium content on the thermoelectric power, dark conductivity, and photoconductivity of GeAsTe thin films. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	5
28	Theoretical characterization and band gap tuning of Sn _x (GeSe ₂) _{100-x} thin films. <i>Materials Chemistry and Physics</i> , 2020, 251, 123133.	4.0	23
29	Ferromagnetic Properties of Ni ₉ S ₈ /MoS ₂ Hybrid Structure. <i>Journal of Superconductivity and Novel Magnetism</i> , 0, 1.	1.8	0