

Ali A Ali

List of Publications by Year in descending order

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27
papers

986
citations

394286

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526166

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27
all docs

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docs citations

27
times ranked

768
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Optical properties and gamma-shielding features of bismuth borate glasses. Applied Physics A: Materials Science and Processing, 2018, 124, 1. | 1.1 | 106 |
| 2 | FTIR and UV spectra of pentatertiary borate glasses. Measurement: Journal of the International Measurement Confederation, 2017, 105, 72-77. | 2.5 | 90 |
| 3 | The influence of TiO ₂ on structural, physical and optical properties of B ₂ O ₃ –TeO ₂ –Na ₂ O–CaO glasses. Journal of Non-Crystalline Solids, 2019, 514, 52-59. | 1.5 | 77 |
| 4 | Electrical properties of LiBBaTe glass doped with Nd ₂ O ₃ . Solid State Sciences, 2010, 12, 2148-2154. | 1.5 | 70 |
| 5 | Fabrication, physical, optical characteristics and gamma-ray competence of novel bismo-borate glasses doped with Yb ₂ O ₃ rare earth. Physica B: Condensed Matter, 2020, 583, 412055. | 1.3 | 69 |
| 6 | Optical properties of bismuth borotellurite glasses doped with NdCl ₃ . Journal of Molecular Structure, 2019, 1175, 504-511. | 1.8 | 62 |
| 7 | Optical properties of Sm ³⁺ -doped CaF ₂ bismuth borate glasses. Journal of Luminescence, 2009, 129, 1314-1319. | 1.5 | 61 |
| 8 | The AC conductivity of tellurite glasses doped with Ho ₂ O ₃ . Materials Chemistry and Physics, 2006, 96, 433-438. | 2.0 | 59 |
| 9 | Study on the preparation and properties of silver-doped phosphate antibacterial glasses (Part I). Solid State Sciences, 2011, 13, 981-992. | 1.5 | 51 |
| 10 | Preparation and characterization of antibacterial P ₂ O ₅ –CaO–Na ₂ O–Ag ₂ O glasses. Journal of Biomedical Materials Research - Part A, 2011, 98A, 132-142. | 2.1 | 40 |
| 11 | γ-ray shielding features and crystallization of TiO ₂ borotellurite glasses. Journal of Non-Crystalline Solids, 2019, 526, 119720. | 1.5 | 38 |
| 12 | Electrical properties and scaling behaviour of Sm ³⁺ -doped CaF ₂ -bismuth borate glasses. Bulletin of Materials Science, 2011, 34, 491-498. | 0.8 | 36 |
| 13 | Spectroscopic studies of ZnO borate–tellurite glass doped with Eu ₂ O ₃ . Journal of Materials Research and Technology, 2018, 7, 240-247. | 2.6 | 30 |
| 14 | Controlled delivery of therapeutic ions and antibiotic drug of novel alginate-agarose matrix incorporating selenium-modified borosilicate glass designed for chronic wound healing. Journal of Non-Crystalline Solids, 2020, 534, 119889. | 1.5 | 28 |
| 15 | Density, Electrical and Optical Properties of Yttrium-Containing Tellurium Bismuth Borate Glasses. Journal of Electronic Materials, 2014, 43, 4023-4032. | 1.0 | 23 |
| 16 | Investigation of gamma-ray shielding properties of bismuth borotellurite glasses using MCNPX code and XCOM program. Applied Physics A: Materials Science and Processing, 2019, 125, 1. | 1.1 | 22 |
| 17 | Glass-forming compositions and physicochemical properties of degradable phosphate and silver-doped phosphate glasses in the P ₂ O ₅ –CaO–Na ₂ O–Ag ₂ O system. Journal of Materials Research and Technology, 2019, 8, 1003-1013. | 2.6 | 22 |
| 18 | SrO-reinforced potassium sodium borophosphate bioactive glasses: Compositional, physical, spectral, structural properties and photon attenuation competence. Journal of Non-Crystalline Solids, 2021, 559, 120667. | 1.5 | 21 |

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|----|--|-----|-----------|
| 19 | Effect of Bi ₂ O ₃ addition on the ultrasonic properties of pentatertiary borate glasses. Measurement: Journal of the International Measurement Confederation, 2018, 116, 314-317. | 2.5 | 20 |
| 20 | Electrical conductivity of silver bismuth borate tellurite glasses. Physica B: Condensed Matter, 2008, 403, 2461-2467. | 1.3 | 19 |
| 21 | Preparation, physical, structural, optical characteristics, and gamma-ray shielding features of CeO ₂ containing bismuth barium borate glasses. Journal of Materials Science: Materials in Electronics, 2020, 31, 20060-20071. | 1.1 | 13 |
| 22 | Optical and Electrical Properties of Nd ³⁺ Doped TeBiY Borate Glasses. Silicon, 2018, 10, 1503-1511. | 1.8 | 10 |
| 23 | ZnO-Bi ₂ O ₃ -B ₂ O ₃ glasses doped with rare earth oxides: Synthesis, physical, structural characteristics, neutron and photon attenuation attitude. Optik, 2021, 243, 167414. | 1.4 | 9 |
| 24 | Influence of WO ₃ on gamma radiation shielding efficiency, physical and optical properties of newly developed Li ₂ O - CaO - Bi ₂ O ₃ - B ₂ O ₃ glasses. Radiation Physics and Chemistry, 2022, 198, 110240. | 1.4 | 6 |
| 25 | Electrical Properties and Scaling Behavior of MWCNT-Soda Lime Silica Glass. Journal of Electronic Materials, 2013, 42, 1047-1054. | 1.0 | 2 |
| 26 | Fabrication, physical, thermal and optical properties of oxyfluoride glasses doped with rare earth oxides. Journal of Materials Science: Materials in Electronics, 2021, 32, 18951-18967. | 1.1 | 1 |
| 27 | Fabrication, physical, linear optical, and nuclear radiation attenuation features of sodium borosilicate glasses. Journal of the Australian Ceramic Society, 2022, 58, 275. | 1.1 | 1 |