

# Ali A Ali

## List of Publications by Year in descending order

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27  
papers

986  
citations

394286

19  
h-index

526166

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

768  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication, physical, linear optical, and nuclear radiation attenuation features of sodium borosilicate glasses. <i>Journal of the Australian Ceramic Society</i> , 2022, 58, 275.	1.1	1
2	Influence of WO <sub>3</sub> on gamma radiation shielding efficiency, physical and optical properties of newly developed Li <sub>2</sub> O – CaO – Bi <sub>2</sub> O <sub>3</sub> – B <sub>2</sub> O <sub>3</sub> glasses. <i>Radiation Physics and Chemistry</i> , 2022, 198, 110240.	1.4	6
3	SrO-reinforced potassium sodium borophosphate bioactive glasses: Compositional, physical, spectral, structural properties and photon attenuation competence. <i>Journal of Non-Crystalline Solids</i> , 2021, 559, 120667.	1.5	21
4	Fabrication, physical, thermal and optical properties of oxyfluoride glasses doped with rare earth oxides. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 18951-18967.	1.1	1
5	ZnO-Bi <sub>2</sub> O <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> glasses doped with rare earth oxides: Synthesis, physical, structural characteristics, neutron and photon attenuation attitude. <i>Optik</i> , 2021, 243, 167414.	1.4	9
6	Preparation, physical, structural, optical characteristics, and gamma-ray shielding features of CeO <sub>2</sub> containing bismuth barium borate glasses. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 20060-20071.	1.1	13
7	Fabrication, physical, optical characteristics and gamma-ray competence of novel bismo-borate glasses doped with Yb <sub>2</sub> O <sub>3</sub> rare earth. <i>Physica B: Condensed Matter</i> , 2020, 583, 412055.	1.3	69
8	Controlled delivery of therapeutic ions and antibiotic drug of novel alginate-agarose matrix incorporating selenium-modified borosilicate glass designed for chronic wound healing. <i>Journal of Non-Crystalline Solids</i> , 2020, 534, 119889.	1.5	28
9	Optical properties of bismuth borotellurite glasses doped with NdCl <sub>3</sub> . <i>Journal of Molecular Structure</i> , 2019, 1175, 504-511.	1.8	62
10	Investigation of gamma-ray shielding properties of bismuth borotellurite glasses using MCNPX code and XCOM program. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	1.1	22
11	The influence of TiO <sub>2</sub> on structural, physical and optical properties of B <sub>2</sub> O <sub>3</sub> – TeO <sub>2</sub> – Na <sub>2</sub> O – CaO glasses. <i>Journal of Non-Crystalline Solids</i> , 2019, 514, 52-59.	1.5	77
12	γ-ray shielding features and crystallization of TiO <sub>2</sub> borotellurite glasses. <i>Journal of Non-Crystalline Solids</i> , 2019, 526, 119720.	1.5	38
13	Glass-forming compositions and physicochemical properties of degradable phosphate and silver-doped phosphate glasses in the P <sub>2</sub> O <sub>5</sub> – CaO – Na <sub>2</sub> O – Ag <sub>2</sub> O system. <i>Journal of Materials Research and Technology</i> , 2019, 8, 1003-1013.	2.6	22
14	Optical and Electrical Properties of Nd <sup>3+</sup> Doped TeBiY Borate Glasses. <i>Silicon</i> , 2018, 10, 1503-1511.	1.8	10
15	Spectroscopic studies of ZnO borate-tellurite glass doped with Eu <sub>2</sub> O <sub>3</sub> . <i>Journal of Materials Research and Technology</i> , 2018, 7, 240-247.	2.6	30
16	Effect of Bi <sub>2</sub> O <sub>3</sub> addition on the ultrasonic properties of pentatertiary borate glasses. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 116, 314-317.	2.5	20
17	Optical properties and gamma-shielding features of bismuth borate glasses. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	1.1	106
18	FTIR and UV spectra of pentatertiary borate glasses. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017, 105, 72-77.	2.5	90

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19	Density, Electrical and Optical Properties of Yttrium-Containing Tellurium Bismuth Borate Glasses. Journal of Electronic Materials, 2014, 43, 4023-4032.	1.0	23
20	Electrical Properties and Scaling Behavior of MWCNT/Soda Lime Silica Glass. Journal of Electronic Materials, 2013, 42, 1047-1054.	1.0	2
21	Study on the preparation and properties of silver-doped phosphate antibacterial glasses (Part I). Solid State Sciences, 2011, 13, 981-992.	1.5	51
22	Electrical properties and scaling behaviour of Sm <sup>3+</sup> doped CaF <sub>2</sub> -bismuth borate glasses. Bulletin of Materials Science, 2011, 34, 491-498.	0.8	36
23	Preparation and characterization of antibacterial P <sub>2</sub> O <sub>5</sub> -CaO-Na <sub>2</sub> O-Ag <sub>2</sub> O glasses. Journal of Biomedical Materials Research - Part A, 2011, 98A, 132-142.	2.1	40
24	Electrical properties of LiBBaTe glass doped with Nd <sub>2</sub> O <sub>3</sub> . Solid State Sciences, 2010, 12, 2148-2154.	1.5	70
25	Optical properties of Sm <sup>3+</sup> -doped CaF <sub>2</sub> bismuth borate glasses. Journal of Luminescence, 2009, 129, 1314-1319.	1.5	61
26	Electrical conductivity of silver bismuth borate tellurite glasses. Physica B: Condensed Matter, 2008, 403, 2461-2467.	1.3	19
27	The AC conductivity of tellurite glasses doped with Ho <sub>2</sub> O <sub>3</sub> . Materials Chemistry and Physics, 2006, 96, 433-438.	2.0	59