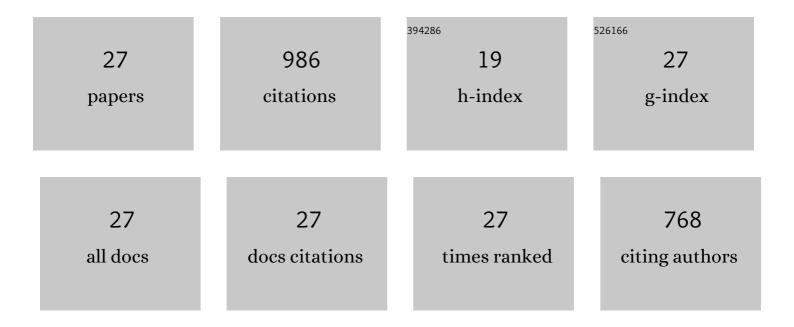
Ali A Ali

List of Publications by Year in descending order

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#	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 pentaternary borate glasses. Measurement: Journal of the International Measurement Confederation, 2017, 105, 72-77.	2.5	90
3	The influence of TiO2 on structural, physical and optical properties of B2O3 –TeO2 – Na2O – CaO glasses. Journal of Non-Crystalline Solids, 2019, 514, 52-59.	1.5	77
4	Electrical properties of LiBBaTe glass doped with Nd2O3. 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 Yb2O3 rare earth. Physica B: Condensed Matter, 2020, 583, 412055.	1.3	69
6	Optical properties of bismuth borotellurite glasses doped with NdCl3. Journal of Molecular Structure, 2019, 1175, 504-511.	1.8	62
7	Optical properties of Sm3+-doped CaF2 bismuth borate glasses. Journal of Luminescence, 2009, 129, 1314-1319.	1.5	61
8	The AC conductivity of tellurite glasses doped with Ho2O3. 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 TiO2 borotellurite glasses. Journal of Non-Crystalline Solids, 2019, 526, 119720.	1.5	38
12	Electrical properties and scaling behaviour of Sm3 +  doped CaF2-bismuth borate glasses. Bulletin of Materials Science, 2011, 34, 491-498.	0.8	36
13	Spectroscopic studies of ZnO borate–tellurite glass doped with Eu2O3. 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 P2O5–CaO–Na2O–Ag2O 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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#	Article	IF	CITATIONS
19	Effect of Bi2O3 addition on the ultrasonic properties of pentaternary 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 CeO2 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 Nd3+ Doped TeBiY Borate Glasses. Silicon, 2018, 10, 1503-1511.	1.8	10
23	ZnO-Bi2O3-B2O3 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 WO3 on gamma radiation shielding efficiency, physical and optical properties of newly developed Li2O – CaO – Bi2O3 – B2O3 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