AlÄº AÅkin

List of Publications by Year
in descending order

10	247	1163117 8	1372567 10
papers	citations	h-index	g-index

10	10	10	196
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural, elastic, optical and Î³-ray shielding behavior of Dy3+ ions doped heavy metal incorporated borate glasses. Journal of Non-Crystalline Solids, 2020, 545, 120269.	3.1	64
2	Synthesis, physical, structural and shielding properties of newly developed B2O3â€“ZnOâ€“PbOâ€“Fe2O3 glasses using Geant4 code and WinXCOM program. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	59
3	An investigation on physical, structural and gamma ray shielding features of Dy3+ ions doped Telluroborate glasses. Journal of Non-Crystalline Solids, 2019, 522, 119574.	3.1	32
4	Gamma and neutron shielding characterizations of the Ag2Oâ€“V2O5â€“MoO3â€“TeO2 quaternary tellurite glass system with the Geant4 simulation toolkit and Phy-X software. Ceramics International, 2020, 46, 6046-6051.	4.8	23
5	Physical, structural, optical, and radiation shielding properties of B2O3â€“Gd2O3â€“Y2O3 glass system. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	20
6	Gamma ray shielding behavior of Li2O-doped PbOâ€“MoO3â€“B2O3 glass system. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	18
7	Structural, optical, and gamma-ray-sensing characterization of (35Ââ^'Âx) PbOâ€“10 MgOâ€“10Na2Oâ€“5 Fe2O3â€“10 BaOâ€“(30Ââ^'Âx) B2O3 glasses. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	13
8	Investigation of the radiation shielding capability of $${x}hbox {PbO}$$â€“$$(50-x)hbox {BaO}$$â€“$$50{hbox {B}}_2 {hbox {O}}_3$$ glass system using Geant4, Fluka, WinXCOM and comparison of data with the experimental data. Pramana - Journal of Physics, 2020, 94, 1.	1.8	10
9	Assessment of the mass attenuation coefficients of granite, basalt, andesite and tuff stones with the Geant4 model of a high-purity germanium detector. Pramana - Journal of Physics, 2019, 93, 1.	1.8	6
10	Evaluation of the gamma and neutron shielding properties of $$64hbox {TeO}_2+15hbox {ZnO}+(20-x)hbox {CdO}+xhbox {BaO}+1mathrm{V}_2hbox {O}_5$$ glass system using Geant4 simulation and Phy-X database software. Pramana - Journal of Physics, 2020, 94, 1.	1.8	2