Roya Boodaghi Malidarre

List of Publications by Year
in descending order

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17	535	687363	940533
papers	citations	13	16
		h-index	g-index

17	17	17	76
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An extensive study on the neutron-gamma shielding and mass stopping power of (70-x) CRTâ€“30K₂Oâ€“xBaO glass system for ²⁵²Cf neutron source. Environmental Technology (United Kingdom), 2023, 44, 875-885.	2.2	21
2	Simulation and prediction of the attenuation behaviour of the KNNâ€“LMNâ€“based lead-free ceramics by FLUKA code and artificial neural network (ANN)â€“based algorithm. Environmental Technology (United) Tj ETQq0 0 0 rgBT /Overlock 10	2.2	26
3	A Monte Carlo study on attenuation characteristics of colemanite- and barite-containing resources irradiated by 252Cf source against neutronâ€“gamma photon. Polymer Bulletin, 2022, 79, 7843-7870.	3.3	12
4	Physical, structural, and mechanical properties of the concrete by FLUKA code and phy-X/PSD software. Radiation Physics and Chemistry, 2022, 193, 109958.	2.8	45
5	A comprehensive study on the charged-uncharged particle shielding features of (70â€‰â€™â€‰x) CRTâ€“30K2Oâ€“xBaO glass system. Journal of the Australian Ceramic Society, 2022, 58, 841-850.	1.9	16
6	Deep Learning Prediction for gamma-ray attenuation behavior of the KNN-LMN based lead-free ceramics. Emerging Materials Research, 2022, 11, 1-6.	0.7	9
7	Investigation and ANN-based prediction of the radiation shielding, structural and mechanical properties of the Hydroxyapatite (HAP) bio-composite as artificial bone. Radiation Physics and Chemistry, 2022, 197, 110208.	2.8	28
8	Evaluation of Bioactive Borosilicate Added Ag Glasses in Terms of Radiation Shielding, Structural, Optical, and Electrical Properties. Silicon, 2022, 14, 12371-12379.	3.3	14
9	The influence of <scp>Nd₂O₃</scp> on the radiation shielding, physical, mechanical, and acoustic properties of the (75â€‰â€™â€‰x)<scp>TeO₂</scp>â€“15<scp>MgO</scp>â€“10<scp>Na₂O</scp>â€“x<scp> glasses as a potent radiation shielding material. Polymer Composites, 2022, 43, 5418-5425.	4.6	8
10	Monte Carlo simulation of radiation shielding properties of the glass system containing Bi2O3. European Physical Journal Plus, 2021, 136, 1.	2.6	53
11	Monte Carlo simulation study on TeO2â€“Bi2Oâ€“PbOâ€“MgOâ€“B2O3 glass for neutron-gamma 252Cf source. Journal of Materials Science: Materials in Electronics, 2021, 32, 11666-11682.	2.2	63
12	<scp>Monte Carlo</scp> simulations study on gamma rayâ€“neutron shielding characteristics for vinyl ester composites. Polymer Composites, 2021, 42, 4764-4774.	4.6	47
13	Monte Carlo simulation on shielding properties of neutron-gamma from 252Cf source for Alumino-Boro-Silicate glasses. Radiation Physics and Chemistry, 2021, 186, 109540.	2.8	37
14	Gamma photon-neutron attenuation parameters of marble concrete by MCNPX code. Radiation Effects and Defects in Solids, 2021, 176, 906-918.	1.2	30
15	Fast Neutrons Shielding Properties for HAP-Fe2O3 Composite Materials. International Journal of Computational and Experimental Science and Engineering, 2021, 7, 143-145.	10.0	65
16	Monte Carlo simulation of a waste sodaâ€“limeâ€“silica glass system containing Sb₂O₃ for gamma-ray shielding. Emerging Materials Research, 2020, 9, 1334-1340.	0.7	62
17	Simulation of Radiation Absorption Capacity of HAPâ€“ZnO Composite Materials. Arabian Journal for Science and Engineering, 0, , 1.	3.0	0