

Abdulkadir Sh Aydarous

List of Publications by Year in descending order

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papers

114
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1307543

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g-index

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21
docs citations

21
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99
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Gafchromic EBT3 films for ultraviolet radiation dosimetry. Radiation Effects and Defects in Solids, 2014, 169, 249-255.	1.2	17
2	Effects of X-ray irradiation on the structural and optical properties of microcrystalline Alq3 powder and its potential dosimetry application. Radiation Physics and Chemistry, 2021, 188, 109656.	2.8	15
3	Fabrication of Alq3/PMMA nanocomposite sheet and its potential applications as radiation dosimeter. Journal of Luminescence, 2022, 242, 118588.	3.1	11
4	Measurements of natural radioactivity and the resulting radiation doses from commercial granites. Radiation Protection Dosimetry, 2010, 142, 363-368.	0.8	9
5	Dose distribution measurements and calculations for Dounreay hot particles. Radiation Protection Dosimetry, 2007, 128, 146-158.	0.8	8
6	Photoluminescence emission spectra of Makrofol® DE 1-1 upon irradiation with ultraviolet radiation. Results in Physics, 2017, 7, 333-337.	4.1	8
7	Origins and Dosimetry of 'Hot Particles' from Nuclear Plant Operation. Radiation Protection Dosimetry, 2000, 92, 131-137.	0.8	7
8	Investigation of absorption spectra of Gafchromic EBT2 film's components and their impact on UVR dosimetry. Radiation Physics and Chemistry, 2016, 122, 55-59.	2.8	6
9	Radiological hazard assessment and sensitivity analysis for soil samples in Taghdoua area of Ranyah, Saudi Arabia. Journal of Radiation Research and Applied Sciences, 2022, 15, 119-128.	1.2	6
10	Development of an ICCD-scintillator system for measurement of spatial dose distributions around 'hot particles'. Radiation Protection Dosimetry, 2004, 108, 317-326.	0.8	5
11	Fabrication of size-controlled Alq3 nanoparticles within PMMA matrix in the form of nanocomposite sheet for potential use as UV dosimeter. Optical Materials, 2022, 128, 112402.	3.6	5
12	The use of positron annihilation Doppler broadening spectroscopy in the characterization of radiochromic dosimetry films. Radiation Measurements, 2015, 75, 1-5.	1.4	4
13	Characterization of Makrofol® DE 1-1 (bisphenol-A) Tj ETQq1 1 0.784314 4 Chemistry, 2021, 180, 109101.	2.8	4
14	Comparison of measured and calculated spatial dose distributions for a bench-mark 106Ru/106Rh hot particle source. Radiation Protection Dosimetry, 2007, 130, 133-140.	0.8	2
15	Calculated effects of backscattering on skin dosimetry for nuclear fuel fragments. Radiation Protection Dosimetry, 2007, 130, 141-148.	0.8	2
16	A preliminary investigation of the EBT2 radiochromic films response to low energy fast neutrons. Applied Radiation and Isotopes, 2012, 70, 1442-1445.	1.5	2
17	Evaluation of some pollutant levels in environmental samples collected from the area of the new campus of Taif University. Isotopes in Environmental and Health Studies, 2013, 49, 132-151.	1.0	1
18	Characterization of Makrofol® DE 1-1 for alpha particle radiography. Radiation Physics and Chemistry, 2017, 138, 81-86.	2.8	1

#	ARTICLE	IF	CITATIONS
19	Depth dose determination for a mixed radiation field using a thin plastic scintillator dosimetry system. Nuclear Technology and Radiation Protection, 2012, 27, 20-27.	0.8	1
20	The effect of volume- and surface-distributed activity sources on surface doses. Radiation Protection Dosimetry, 2010, 141, 64-71.	0.8	0
21	Virtual Nuclear Laboratory for Undergraduate Students. Journal of Applied Sciences, 2013, 13, 907-912.	0.3	0