Rachid Khelifi

List of Publications by Year
in descending order

13 papers	119 citations	1684188 5 h-index	1281871 11 g-index
13 all docs	13 docs citations	13 times ranked	129 citing authors

#	Article	IF	Citations
1	Monte Carlo simulation of NaI(Tl) detector and GRAVEL deconvolution for biological, geological samples and their dosimetry evaluation. Journal of Instrumentation, 2021, 16, P09024.	1.2	1
2	Beam shaping assembly design of 7Li(p,n)7Be neutron source for boron neutron capture therapy of deep-seated tumor. Applied Radiation and Isotopes, 2018, 139, 316-324.	1.5	31
3	Monte Carlo based dosimetry for neutron capture therapy of brain tumors. EPJ Web of Conferences, 2016, 128, 04003.	0.3	1
4	Comparison between beta radiation dose distribution due to LDR and HDR ocular brachytherapy applicators using GATE Monte Carlo platform. Physica Medica, 2016, 32, 1007-1018.	0.7	10
5	Monte Carlo study of a flexible device for in situ PGNAA using 241Am–Be source: application to total chlorine determination. Journal of Radioanalytical and Nuclear Chemistry, 2016, 309, 189-193.	1.5	1
6	Dosimetry of Strontium eye applicator: Comparison of Monte Carlo calculations and radiochromic film measurements. Journal of Physics: Conference Series, 2015, 573, 012072.	0.4	2
7	Toward prompt gamma spectrometry for monitoring boron distributions during extra corporal treatment of liver metastases by boron neutron capture therapy: A Monte Carlo simulation study. Applied Radiation and Isotopes, 2009, 67, S359-S361.	1.5	6
8	Detection limits of pollutants in water for PGNAA using Am–Be source. Nuclear Instruments & Methods in Physics Research B, 2007, 262, 329-332.	1.4	26
9	Flux calculation in LSNAA using an 241Am-Be source. Journal of Radioanalytical and Nuclear Chemistry, 2007, 274, 639-642.	1.5	5
10	Prompt gamma neutron activation analysis of bulk concrete samples with an Am–Be neutron source. Applied Radiation and Isotopes, 1999, 51, 9-13.	1.5	33
11	Gamma ray spectra simulation and optimization in neutron activation analysis. Vacuum, 1997, 48, 99-102.	3.5	1
12	A simple method to correct for pulse pile-up and dead time losses: Application to cyclic activation analysis with 14-MeV neutrons. Applied Radiation and Isotopes, 1994, 45, 631-633.	1.5	1
13	Simulation and optimization of cyclic activation Analysis of short-lived isotopes with 14MeV neutron generator. Biological Trace Element Research, 1994, 43-45, 679-686.	3.5	1