Faycal Kharfi

List of Publications by Year
in descending order

14 papers	**61** citations	1684188 **5** h-index	1588992 **8** g-index
15 all docs	**15** docs citations	**15** times ranked	**34** citing authors

#	Article	IF	Citations
1	Implementation of neutron tomography around the Algerian Es-Salam research reactor: preliminary studies and first steps. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 542, 213-218.	1.6	10
2	Characterization and MCNP simulation of neutron energy spectrum shift after transmission through strong absorbing materials and its impact on tomography reconstructed image. Applied Radiation and Isotopes, 2012, 70, 2355-2361.	1.5	9
3	Characterization of weak, fair and strong neutron absorbing materials by means of neutron transmission: Beam hardening effect. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 565, 416-422.	1.6	8
4	Spatial resolution limit study of a CCD camera and scintillator based neutron imaging system according to MTF determination and analysis. Applied Radiation and Isotopes, 2012, 70, 162-166.	1.5	8
5	Implementation and characterisation of new neutron imaging system for dynamic processes investigation at the Es-Salam research reactor. Applied Radiation and Isotopes, 2011, 69, 1359-1364.	1.5	5
6	New analytical approach for neutron beam-hardening correction. Applied Radiation and Isotopes, 2016, 107, 353-358.	1.5	4
7	Irradiated black pepper identification based on thermoluminescence of silicate minerals. Journal of Radioanalytical and Nuclear Chemistry, 2018, 315, 503-507.	1.5	4
8	TL dating and XRF clay provenance analysis of ancient brick at Cuicul Roman city, Algeria. Journal of Radioanalytical and Nuclear Chemistry, 2019, 320, 395-403.	1.5	4
9	Neutron tomography simulation by MAVRIC/Monaco code. Applied Radiation and Isotopes, 2018, 135, 160-165.	1.5	3
10	Dyadic wavelet for image coding implementation on a Xilinx MicroBlaze processor: Application to neutron radiography. Applied Radiation and Isotopes, 2013, 82, 200-210.	1.5	2
11	Comparison of measured and calculated doses in a Rando phantom with a realistic lung radiotherapy treatment plan including heterogeneities. Radiation and Environmental Biophysics, 2018, 57, 365-373.	1.4	2
12	X-ray computed tomography system for laboratory small-object imaging: Enhanced tomography solutions. Applied Radiation and Isotopes, 2015, 101, 33-39.	1.5	1
13	Computed Tomography/Magnetic Resonance Imaging (CT/MRI) Image Registration and Fusion Assessment for Accurate Glioblastoma Radiotherapy Treatment Planning. International Journal of Cancer Management, 2020, 13, .	0.4	1
14	Establishing a timeline map for Cuicul archaeological Roman city by thermoluminescence dating. Journal of Radioanalytical and Nuclear Chemistry, 2020, 326, 41-50.	1.5	0