

Mohamed E Krar

List of Publications by Year in descending order

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5
papers

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citations

2258059

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2550090

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docs citations

5
times ranked

8
citing authors

#	ARTICLE	IF	CITATIONS
1	New numerical simulation approach to calibrate the NaI(Tl) detectors array using non-axial extended spherical sources. <i>Journal of Instrumentation</i> , 2013, 8, P11005-P11005.	1.2	27
2	A new mathematical model for determining full-energy peak efficiency of an array of two gamma detectors counting rectangular parallelepiped sources. <i>Nuclear Technology and Radiation Protection</i> , 2013, 28, 370-380.	0.8	9
3	Studying the full energy peak efficiency for a two ^{137}Cs -detectors combination of different dimensions. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 719, 50-56.	1.6	8
4	New Numerical Algorithm Method Considering the Self-Absorption of the Spherical Radioactive Sources Matrix to Calibrate a System of Two Nai Gamma Detectors. <i>Nuclear Technology</i> , 2014, 187, 208-219.	1.2	0
5	Direct mathematical calculation of the self-shielding factor for cylindrical radioactive sources. <i>Journal of Taibah University for Science</i> , 2016, 10, 266-270.	2.5	0