

Essaid Chham

List of Publications by Year in descending order

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papers

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1040056

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15
docs citations

15
times ranked

212
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of different combinations of meteorological parameters for predicting daily global solar radiation using artificial neural networks. Building and Environment, 2019, 149, 607-622.	6.9	40
2	A cluster analysis of back trajectories to study the behaviour of radioactive aerosols in the south-east of Spain. Journal of Environmental Radioactivity, 2015, 147, 142-152.	1.7	29
3	Monte Carlo analysis of the influence of germanium dead layer thickness on the HPGe gamma detector experimental efficiency measured by use of extended sources. Applied Radiation and Isotopes, 2015, 95, 30-35.	1.5	24
4	On the prediction of the daily global solar radiation intensity on south-facing plane surfaces inclined at varying angles. Energy Conversion and Management, 2016, 120, 397-411.	9.2	24
5	Impact of air masses on the distribution of ^{210}Pb in the southeast of Iberian Peninsula air. Journal of Environmental Radioactivity, 2017, 177, 169-183.	1.7	19
6	Neutronic and thermal-hydraulic analysis of new irradiation channels inside the Moroccan TRIGA Mark II research reactor core. Applied Radiation and Isotopes, 2016, 116, 178-184.	1.5	13
7	Sources of the seasonal-trend behaviour and periodicity modulation of ^7Be air concentration in the atmospheric surface layer observed in southeastern Spain. Atmospheric Environment, 2019, 213, 148-158.	4.1	12
8	^7Be spatial and temporal pattern in southwest of Europe (Spain): Evaluation of a predictive model. Chemosphere, 2018, 205, 194-202.	8.2	11
9	Conversion coefficients for photon exposure of the human lens eye: EGSnrc and MCNP6 Monte Carlo simulation. Radiation Physics and Chemistry, 2019, 156, 159-168.	2.8	9
10	Neutronic study of the 2-MW TRIGA MARK-II research reactor by the deterministic codes DRAGON5 & DONJON5. Applied Radiation and Isotopes, 2020, 157, 109026.	1.5	9
11	Fuel reloads optimization for TRIGA research reactor using Genetic Algorithm coupled with neutronic and thermal-hydraulic codes. Progress in Nuclear Energy, 2021, 133, 103637.	2.9	9
12	OpenNTP: Implementation of the S_N method in cartesian 2D geometry and the CP method in cylindrical and spherical 1D geometry. Computer Physics Communications, 2021, 261, 107812.	7.5	6
13	Optimization of the n-type HPGe detector parameters using the "design of experiments" technique. Radiation Physics and Chemistry, 2021, 189, 109733.	2.8	6
14	Modeling and simulation of a TRIGA MARK-II research reactor using WIMSD-5B and CITATION codes. Applied Radiation and Isotopes, 2019, 148, 64-75.	1.5	4
15	Impact of the meteorological parameters on the behaviour of ^7Be at ground level in Tetouan city, Morocco from June 2015 to February 2017. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 271-280.	1.5	2