Lhoucine Oufni

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4482668/publications.pdf

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17	183	1163117	1125743
papers	citations	8	13
		h-index	g-index

17	17	17	157
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Study of radon dispersion in typical dwelling using CFD modeling combined with passive-active measurements. Radiation Physics and Chemistry, 2017, 139, 40-48.	2.8	27
2	Title is missing!. Journal of Radioanalytical and Nuclear Chemistry, 2003, 256, 581-586.	1.5	23
3	Radon level and radon effective dose rate determination in Moroccan dwellings using SSNTDs. Radiation Measurements, 2005, 40, 118-123.	1.4	21
4	Transfer of uranium and thorium from soil to different parts of medicinal plants using SSNTD. Journal of Radioanalytical and Nuclear Chemistry, 2011, 287, 403-410.	1.5	19
5	Determination for levels of uranium and thorium in water along Oum Er-Rabia river using alpha track detectors. Journal of Radiation Research and Applied Sciences, 2017, 10, 246-251.	1.2	12
6	A Monte Carlo investigation of the dose distribution for 60Co high dose rate brachytherapy source in water and in different media. Applied Radiation and Isotopes, 2018, 136, 104-110.	1.5	11
7	Attached and unattached fractions of short-lived radon decay products in outdoor environments: effect on the human respiratory system. Radiation Protection Dosimetry, 2014, 162, 400-409.	0.8	9
8	Comparative investigation of structural, EPR, optical and photoluminescence properties of nanostructured LaPO4:Ce/RE/Me and LaPO4:Yb/Er phosphors prepared by co-precipitation method. Journal of Solid State Chemistry, 2021, 301, 122310.	2.9	9
9	Evaluation of indoor radon equilibrium factor using CFD modeling and resulting annual effective dose. Radiation Physics and Chemistry, 2018, 145, 213-221.	2.8	8
10	A new fast algorithm to achieve the dose uniformity around high dose rate brachytherapy stepping source using Tikhonov regularization. Australasian Physical and Engineering Sciences in Medicine, 2019, 42, 757-769.	1.3	8
11	A theoretical investigation of the distribution of indoor radon concentrations. Indian Journal of Physics, 2017, 91, 471-479.	1.8	7
12	Structural and Optical Investigations of Ce3+/Mn2+-Doped LaPO4 Phosphors. Journal of Electronic Materials, 2021, 50, 2137-2147.	2.2	7
13	Temperature-induced phase transition and tunable luminescence properties of Ce3+-Mn2+-Zr4+ tri-doped LaPO4 phosphor. Optical Materials, 2022, 129, 112567.	3.6	6
14	Modeling of indoor 222Rn distribution in ventilated room and resulting radiation doses measured in the respiratory tract. Journal of Radiation Research and Applied Sciences, 2017, 10, 273-282.	1.2	5
15	Structural properties and near-infrared light from Ce3+/Nd3+-co-doped LaPO4 nanophosphors for solar cell applications. Journal of Materials Science: Materials in Electronics, 2022, 33, 4197-4210.	2.2	5
16	Monte Carlo dose calculation for HDR brachytherapy source using EGS5 code. Radiation Physics and Chemistry, 2018, 150, 76-81.	2.8	3
17	A theoretical and experimental investigation of spatial distribution of radon in a typical ventilated room. Mapan - Journal of Metrology Society of India, 2018, 33, 123-130.	1.5	3