

Lhoucine Oufni

List of Publications by Year in descending order

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