

Lucas Nonato de Oliveira

List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Design of Experiments (DoE) method for solar protective films via UV-Vis and NIR spectrophotometry measurements. <i>Journal of Luminescence</i> , 2022, 242, 118558.	3.1	1
2	New Fricke Xylenol Liquid detector doped with methylene blue (FXL-mblue) irradiated with red LED light. <i>Journal of Luminescence</i> , 2021, 230, 117730.	3.1	2
3	Noise prediction based on acoustic maps and vehicle fleet composition. <i>Applied Acoustics</i> , 2021, 174, 107803.	3.3	13
4	Evaluation of high-linearity bone radiation detectors exposed to gamma-rays via FTIR measurements. <i>Applied Radiation and Isotopes</i> , 2021, 170, 109598.	1.5	0
5	A new natural detector for irradiations with blue LED light source in photodynamic therapy measurements via UV-Vis spectroscopy. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 1381-1395.	2.9	0
6	Characterization of lithium diborate, sodium diborate and commercial soda-lime glass exposed to gamma radiation via linearity analyses. <i>Radiation Physics and Chemistry</i> , 2019, 155, 133-137.	2.8	4
7	Quantitative magnetic resonance elastography for polymer-gel dosimetry phantoms. <i>Medical Engineering and Physics</i> , 2019, 66, 102-106.	1.7	3
8	Mobile Learning and Computational Simulation Applied in Environmental Acoustics. <i>IEEE Latin America Transactions</i> , 2018, 16, 265-271.	1.6	0
9	Lithium diborate glass for high-dose dosimetry using the UV-Vis and FTIR spectrophotometry techniques. <i>Radiation Measurements</i> , 2017, 106, 225-228.	1.4	4
10	Numerical Optimization of Flight Trajectory for Rockets via Artificial Neural Networks. <i>IEEE Latin America Transactions</i> , 2017, 15, 1556-1565.	1.6	2
11	Sensitivity Analysis of Cutting Force on Milling Process using Factorial Experimental Planning and Artificial Neural Networks. <i>IEEE Latin America Transactions</i> , 2016, 14, 4811-4820.	1.6	7
12	Measuring output factors and beam profiles formed by multileaf collimators using Fricke gel dosimeter. <i>Physica Medica</i> , 2014, 30, 854-857.	0.7	8
13	Fricke gel diffusion coefficient measurements for applications in radiotherapy level dosimetry. <i>Radiation Physics and Chemistry</i> , 2014, 98, 42-45.	2.8	12
14	Measurements of the Fe ³⁺ diffusion coefficient in Fricke Xylenol gel using optical density measurements. <i>Applied Radiation and Isotopes</i> , 2014, 90, 241-244.	1.5	9
15	Beta planar source quality assurance with the Fricke xylenol gel dosimeter. <i>Radiation Physics and Chemistry</i> , 2014, 96, 56-59.	2.8	4
16	8 and 10 MeV Electron Beams Small Field-Size Dosimetric Parameters Through the Fricke Xylenol Gel Dosimeter. <i>IEEE Transactions on Nuclear Science</i> , 2013, 60, 572-577.	2.0	9
17	Fricke dosimeter gel measurements of the profiles of shielded fields. <i>Applied Radiation and Isotopes</i> , 2013, 82, 239-241.	1.5	7
18	Quality Assurance of a Two-Dimensional CCD Detector System Applied in Dosimetry. <i>IEEE Transactions on Nuclear Science</i> , 2013, 60, 810-816.	2.0	8

#	ARTICLE	IF	CITATIONS
19	6 MV wedge photon beam profiles with the fricke xylenol gel dosimeter. Brazilian Journal of Physics, 2009, 39, .	1.4	5
20	Determination of diffusion coefficient in Fricke Xylenol gel dosimeter after electron beam bombardment. Surface and Coatings Technology, 2009, 203, 2367-2369.	4.8	14
21	Dosimetric parameters for small field sizes using Fricke xylenol gel, thermoluminescent and film dosimeters, and an ionization chamber. Physics in Medicine and Biology, 2007, 52, 1431-1439.	3.0	49
22	Ferrous Xylenol Gel measurements for 6 and 10 MV photons in small field sizes. Brazilian Journal of Physics, 2007, 37, 1141-1146.	1.4	21
23	VIOLÃŠNCIA DOMÃŠSTICA E SEXUAL CONTRA A MULHER: REVISÃƒO INTEGRATIVA. HoloS, 0, 8, 275.	0.0	5