

Helen Jamil Khoury

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

360
citations

933264

10
h-index

887953

17
g-index

52
all docs

52
docs citations

52
times ranked

390
citing authors

#	ARTICLE	IF	CITATIONS
1	Contribution of the fluoroscopy and cine modes to patient exposure in paediatric interventional cardiology procedures. <i>Radiation Physics and Chemistry</i> , 2022, 200, 110341.	1.4	0
2	Dose evaluation in paediatric patients undergoing skull examinations. <i>Radiation Physics and Chemistry</i> , 2022, 200, 110382.	1.4	0
3	X-ray spectrometry applied for characterization of bricks of Brazilian historical sites. <i>X-Ray Spectrometry</i> , 2021, 50, 45-52.	0.9	2
4	First Latin American and Caribbean interlaboratory comparison exercise for SSDs on reference irradiation capabilities in personal dose equivalent. <i>Journal of Radiological Protection</i> , 2021, 41, 37-45.	0.6	0
5	Investigating centering, scan length, and arm position impact on radiation dose across 4 countries from 4 continents during pandemic: Mitigating key radioprotection issues. <i>Physica Medica</i> , 2021, 84, 125-131.	0.4	2
6	PRACTICAL CHALLENGES WITH IMAGING COVID-19 IN BRAZIL: MITIGATION IN AND BEYOND THE PANDEMIC. <i>Radiation Protection Dosimetry</i> , 2021, 195, 92-98.	0.4	2
7	Protecci3n Radiol3gica en Radiolog3a Dental. <i>C E S Odontologia</i> , 2021, 34, 52-67.	0.1	0
8	Scan factors and practices associated with radiation doses for chest CT: current Brazilian scenario. <i>Journal of Radiological Protection</i> , 2021, 41, 481-494.	0.6	0
9	CHEST CT USAGE IN COVID-19 PNEUMONIA: MULTICENTER STUDY ON RADIATION DOSES AND DIAGNOSTIC QUALITY IN BRAZIL. <i>Radiation Protection Dosimetry</i> , 2021, 197, 135-145.	0.4	3
10	ESR dating of megafauna enamel teeth from Lagoa Uri de Cima Archaeological Site (Pernambuco,) Tj ETQq0 0 0 rgBT, /Overlock 10 Tf 50	0.7	0
11	Image evaluation and breast density categories as a function of mammary positioning in full-field digital mammography. <i>Acta Radiologica</i> , 2020, 61, 868-874.	0.5	1
12	Development of a realistic 3D printed eye lens dosimeter using CAD integrated with Monte Carlo simulation. <i>Biomedical Physics and Engineering Express</i> , 2020, 6, 015009.	0.6	3
13	An overview of acquisition parameters, dose measurements and organ doses in abdominal CT scans in Brazil. <i>Journal of Radiological Protection</i> , 2020, 40, 1111-1122.	0.6	0
14	Estimating brain radiation dose to the main operator in interventional radiology. <i>Journal of Radiological Protection</i> , 2020, 40, 1170-1177.	0.6	4
15	Evaluation of a 3D printed OSL eye lens dosimeter for photon dosimetry. <i>Journal of Radiological Protection</i> , 2020, 40, 1247-1257.	0.6	4
16	Evaluation of the thermally and optically stimulated response of an Italian Obsidian irradiated in 60Co beams. <i>Radiation Physics and Chemistry</i> , 2019, 155, 115-120.	1.4	1
17	RADIATION DOSES TO ANAESTHETISTS DURING PROSTATIC ARTERY EMBOLIZATION INTERVENTIONAL PROCEDURES. <i>Radiation Protection Dosimetry</i> , 2019, 185, 196-200.	0.4	1
18	Energy and air kerma dependence of response of a photodiode-based dosimetric system for radioprotection. <i>Radiation Measurements</i> , 2019, 122, 73-79.	0.7	3

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19	Evaluation of the MOSkin dosimeter for diagnostic X-ray CT beams. <i>Physica Medica</i> , 2019, 60, 150-155.	0.4	4
20	PERFORMANCE OF THE INSTADOSETM DOSEMETER FOR INTERVENTIONAL RADIOLOGY AND RADIOLOGY APPLICATION. <i>Radiation Protection Dosimetry</i> , 2019, 183, 522-528.	0.4	3
21	Estudo da variaçãõ da viscosidade do vidro LKB a partir da adiãõ de Al ₂ O ₃ . <i>Scientia Plena</i> , 2019, 15, .	0.1	0
22	EPR spectroscopy in LiF:Mg,Cu,P thermoluminescent powder samples irradiated with high gamma doses. <i>Journal of Luminescence</i> , 2018, 198, 284-288.	1.5	2
23	Rheological effect of gamma radiation on gel-like formulation: Appraisal for the construction of radiopharmaceuticals for cutaneous application. <i>Radiation Physics and Chemistry</i> , 2018, 145, 19-25.	1.4	6
24	Optically stimulated luminescence of CaF ₂ :Ce. <i>Journal of Luminescence</i> , 2018, 199, 266-270.	1.5	7
25	Evaluation of a LiF:Mg,Ti thermoluminescent ring dosimeter according to the IEC 62387:2012 Standards. <i>Journal of Physics: Conference Series</i> , 2018, 975, 012036.	0.3	3
26	The performance of a multi guard ring (MGR) diode for clinical electron beams dosimetry. <i>Applied Radiation and Isotopes</i> , 2018, 141, 112-117.	0.7	2
27	Mathematical modelling of scanner-specific bowtie filters for Monte Carlo CT dosimetry. <i>Physics in Medicine and Biology</i> , 2017, 62, 781-809.	1.6	7
28	Radiation Exposure of Patients and Interventional Radiologists during Prostatic Artery Embolization: A Prospective Single-Operator Study. <i>Journal of Vascular and Interventional Radiology</i> , 2017, 28, 517-521.	0.2	53
29	Spectroscopic account of the point defects related to the sensitization of TL peaks beyond 220 Å°C in natural quartz. <i>Journal of Luminescence</i> , 2017, 188, 118-128.	1.5	10
30	Development and tests of a 30 cm pencil-type ionization chamber for dosimetry in standard and clinical CT beams. <i>Biomedical Physics and Engineering Express</i> , 2017, 3, 055008.	0.6	1
31	Study on patient dosimetry and image quality in digital mammography. <i>Research on Biomedical Engineering</i> , 2017, 33, 138-143.	1.5	1
32	Dating of fossil human teeth and shells from Toca do Enoque site at Serra das Confusães National Park, Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2016, 88, 847-855.	0.3	6
33	LATIN AMERICAN IMAGE QUALITY SURVEY IN DIGITAL MAMMOGRAPHY STUDIES. <i>Radiation Protection Dosimetry</i> , 2016, 174, ncv049.	0.4	1
34	Latin American dose survey results in mammography studies under IAEA programme: radiological protection of patients in medical exposures (TSA3). <i>Radiation Protection Dosimetry</i> , 2015, 163, 473-479.	0.4	8
35	Synthesis and thermoluminescent response of CaF ₂ doped with Tm ³⁺ . <i>Radiation Measurements</i> , 2014, 71, 51-54.	0.7	7
36	Characterization of the burning conditions of archaeological pebbles using the thermal sensitization of the 110Å°C TL peak of quartz. <i>Radiation Measurements</i> , 2014, 71, 485-489.	0.7	6

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37	OSL and photo-transferred TL of quartz single crystals sensitized by high-dose of gamma-radiation and moderate heat-treatments. <i>Applied Radiation and Isotopes</i> , 2014, 94, 93-100.	0.7	10
38	On LiF:Mg,Cu,P and LiF:Mg,Ti phosphors high & ultra-high dose features. <i>Radiation Measurements</i> , 2014, 71, 25-30.	0.7	19
39	Determination of diagnostic reference levels in general radiography in Latin America. <i>Radiation Protection Dosimetry</i> , 2013, 156, 303-309.	0.4	9
40	IAEA Survey of Pediatric CT Practice in 40 Countries in Asia, Europe, Latin America, and Africa: Part 1, Frequency and Appropriateness. <i>American Journal of Roentgenology</i> , 2012, 198, 1021-1031.	1.0	47
41	Manufacturing polycrystalline pellets of natural quartz for applications in thermoluminescence dosimetry. <i>Materials Research</i> , 2012, 15, 536-543.	0.6	8
42	Kinetic analysis of the 300°C TL peak in Solon ³ pole natural quartz sensitized by heat and gamma radiation. <i>Radiation Measurements</i> , 2011, 46, 1421-1425.	0.7	6
43	Response of TL lithium fluoride detectors (MTS) to high gamma radiation doses. <i>Radiation Measurements</i> , 2011, 46, 1878-1881.	0.7	8
44	Thermoluminescence response of the larimar rocks. <i>Radiation Measurements</i> , 2010, 45, 540-542.	0.7	2
45	Correlating the TL response of ⁶⁰ Co-irradiated natural quartz to aluminum and hydroxyl point defects. <i>Journal of Luminescence</i> , 2010, 130, 1551-1556.	1.5	10
46	Effect of particle size in the TL response of natural quartz sensitized by high dose of gamma radiation and heat-treatments. <i>Materials Research</i> , 2010, 13, 265-271.	0.6	13
47	Point defects and pre-dose requirements for sensitization of the 300°C TL peak in natural quartz. <i>Physics and Chemistry of Minerals</i> , 2009, 36, 75-85.	0.3	14
48	TL dosimetry of natural quartz sensitized by heat-treatment and high dose irradiation. <i>Radiation Measurements</i> , 2008, 43, 487-491.	0.7	17
49	Assessment of dosimetric quantities for patients undergoing X-ray examinations in a large public hospital in Brazil—a preliminary study. <i>Radiation Protection Dosimetry</i> , 2008, 132, 73-79.	0.4	9
50	Effect of high gamma doses on the sensitization of natural quartz used for thermoluminescence dosimetry. <i>Radiation Effects and Defects in Solids</i> , 2007, 162, 101-107.	0.4	17
51	Defect analysis in natural quartz from Brazilian sites for ionising radiation dosimetry. <i>Radiation Protection Dosimetry</i> , 2006, 119, 168-171.	0.4	8