Helen Jamil Khoury

List of Publications by Year
in descending order

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51	360	933264	887953
papers	citations	10 h-index	17 g-index

52	52	52	390
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Radiation Exposure of Patients and Interventional Radiologists during Prostatic Artery Embolization: A Prospective Single-Operator Study. Journal of Vascular and Interventional Radiology, 2017, 28, 517-521.	0.2	53
2	IAEA Survey of Pediatric CT Practice in 40 Countries in Asia, Europe, Latin America, and Africa: Part 1, Frequency and Appropriateness. American Journal of Roentgenology, 2012, 198, 1021-1031.	1.0	47
3	On LiF:Mg,Cu,P and LiF:Mg,Ti phosphors high & ultra-high dose features. Radiation Measurements, 2014, 71, 25-30.	0.7	19
4	Effect of high gamma doses on the sensitization of natural quartz used for thermoluminescence dosimetry. Radiation Effects and Defects in Solids, 2007, 162, 101-107.	0.4	17
5	TL dosimetry of natural quartz sensitized by heat-treatment and high dose irradiation. Radiation Measurements, 2008, 43, 487-491.	0.7	17
6	Point defects and pre-dose requirements for sensitization of the 300Â°C TL peak in natural quartz. Physics and Chemistry of Minerals, 2009, 36, 75-85.	0.3	14
7	Effect of particle size in the TL response of natural quartz sensitized by high dose of gamma radiation and heat-treatments. Materials Research, 2010, 13, 265-271.	0.6	13
8	Correlating the TL response of Î³-irradiated natural quartz to aluminum and hydroxyl point defects. Journal of Luminescence, 2010, 130, 1551-1556.	1.5	10
9	OSL and photo-transferred TL of quartz single crystals sensitized by high-dose of gamma-radiation and moderate heat-treatments. Applied Radiation and Isotopes, 2014, 94, 93-100.	0.7	10
10	Spectroscopic account of the point defects related to the sensitization of TL peaks beyond 220 Â°C in natural quartz. Journal of Luminescence, 2017, 188, 118-128.	1.5	10
11	Assessment of dosimetric quantities for patients undergoing X-ray examinations in a large public hospital in Brazil--a preliminary study. Radiation Protection Dosimetry, 2008, 132, 73-79.	0.4	9
12	Determination of diagnostic reference levels in general radiography in Latin America. Radiation Protection Dosimetry, 2013, 156, 303-309.	0.4	9
13	ESR dating of megafauna enamel teeth from Lagoa Uri de Cima Archaeological Site (Pernambuco,) Tj ETQq1 1 0.784314 rgBT /Overlo	0.7	9
14	Defect analysis in natural quartz from Brazilian sites for ionising radiation dosimetry. Radiation Protection Dosimetry, 2006, 119, 168-171.	0.4	8
15	Response of TL lithium fluoride detectors (MTS) to high gamma radiation doses. Radiation Measurements, 2011, 46, 1878-1881.	0.7	8
16	Manufacturing polycrystalline pellets of natural quartz for applications in thermoluminescence dosimetry. Materials Research, 2012, 15, 536-543.	0.6	8
17	Latin American dose survey results in mammography studies under IAEA programme: radiological protection of patients in medical exposures (TSA3). Radiation Protection Dosimetry, 2015, 163, 473-479.	0.4	8
18	Synthesis and thermoluminescent response of CaF2 doped with Tm3+. Radiation Measurements, 2014, 71, 51-54.	0.7	7

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19	Mathematical modelling of scanner-specific bowtie filters for Monte Carlo CT dosimetry. Physics in Medicine and Biology, 2017, 62, 781-809.	1.6	7
20	Optically stimulated luminescence of CaF2:Ce. Journal of Luminescence, 2018, 199, 266-270.	1.5	7
21	Kinetic analysis of the 300ÂÂ°C TL peak in SolonÃ³pole natural quartz sensitized by heat and gamma radiation. Radiation Measurements, 2011, 46, 1421-1425.	0.7	6
22	Characterization of the burning conditions of archaeological pebbles using the thermal sensitization of the 110ÂÂ°C TL peak of quartz. Radiation Measurements, 2014, 71, 485-489.	0.7	6
23	Dating of fossil human teeth and shells from Toca do Enoque site at Serra das ConfusÃµes National Park, Brazil. Anais Da Academia Brasileira De Ciencias, 2016, 88, 847-855.	0.3	6
24	Rheological effect of gamma radiation on gel-like formulation: Appraisal for the construction of radiopharmaceuticals for cutaneous application. Radiation Physics and Chemistry, 2018, 145, 19-25.	1.4	6
25	Evaluation of the MOSkin dosimeter for diagnostic X-ray CT beams. Physica Medica, 2019, 60, 150-155.	0.4	4
26	Estimating brain radiation dose to the main operator in interventional radiology. Journal of Radiological Protection, 2020, 40, 1170-1177.	0.6	4
27	Evaluation of a 3D printed OSL eye lens dosimeter for photon dosimetry. Journal of Radiological Protection, 2020, 40, 1247-1257.	0.6	4
28	Evaluation of a LiF:Mg,Ti thermoluminescent ring dosimeter according to the IEC 62387:2012 Standards. Journal of Physics: Conference Series, 2018, 975, 012036.	0.3	3
29	Energy and air kerma dependence of response of a photodiode-based dosimetric system for radioprotection. Radiation Measurements, 2019, 122, 73-79.	0.7	3
30	PERFORMANCE OF THE INSTADOSETM DOSEMETER FOR INTERVENTIONAL RADIOLOGY AND CARDIOLOGY APPLICATION. Radiation Protection Dosimetry, 2019, 183, 522-528.	0.4	3
31	Development of a realistic 3D printed eye lens dosemeter using CAD integrated with Monte Carlo simulation. Biomedical Physics and Engineering Express, 2020, 6, 015009.	0.6	3
32	CHEST CT USAGE IN COVID-19 PNEUMONIA: MULTICENTER STUDY ON RADIATION DOSES AND DIAGNOSTIC QUALITY IN BRAZIL. Radiation Protection Dosimetry, 2021, 197, 135-145.	0.4	3
33	Thermoluminescence response of the larimar rocks. Radiation Measurements, 2010, 45, 540-542.	0.7	2
34	EPR spectroscopy in LiF:Mg,Cu,P thermoluminescent powder samples irradiated with high gamma doses. Journal of Luminescence, 2018, 198, 284-288.	1.5	2
35	The performance of a multi guard ring (MGR) diode for clinical electron beams dosimetry. Applied Radiation and Isotopes, 2018, 141, 112-117.	0.7	2
36	Xâ€ray spectrometry applied for characterization of bricks of Brazilian historical sites. X-Ray Spectrometry, 2021, 50, 45-52.	0.9	2

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37	Investigating centering, scan length, and arm position impact on radiation dose across 4 countries from 4 continents during pandemic: Mitigating key radioprotection issues. Physica Medica, 2021, 84, 125-131.	0.4	2
38	PRACTICAL CHALLENGES WITH IMAGING COVID-19 IN BRAZIL: MITIGATION IN AND BEYOND THE PANDEMIC. Radiation Protection Dosimetry, 2021, 195, 92-98.	0.4	2
39	LATIN AMERICAN IMAGE QUALITY SURVEY IN DIGITAL MAMMOGRAPHY STUDIES. Radiation Protection Dosimetry, 2016, 174, ncw049.	0.4	1
40	Development and tests of a 30 cm pencil-type ionization chamber for dosimetry in standard and clinical CT beams. Biomedical Physics and Engineering Express, 2017, 3, 055008.	0.6	1
41	Study on patient dosimetry and image quality in digital mammography. Research on Biomedical Engineering, 2017, 33, 138-143.	1.5	1
42	Evaluation of the thermally and optically stimulated response of an Italian Obsidian irradiated in 60Co beams. Radiation Physics and Chemistry, 2019, 155, 115-120.	1.4	1
43	RADIATION DOSES TO ANAESTHETISTS DURING PROSTATIC ARTERY EMBOLIZATION INTERVENTIONAL PROCEDURES. Radiation Protection Dosimetry, 2019, 185, 196-200.	0.4	1
44	Image evaluation and breast density categories as a function of mammary positioning in full-field digital mammography. Acta Radiologica, 2020, 61, 868-874.	0.5	1
45	An overview of acquisition parameters, dose measurements and organ doses in abdominal CT scans in Brazil. Journal of Radiological Protection, 2020, 40, 1111-1122.	0.6	0
46	First Latin American and Caribbean interlaboratory comparison exercise for SSDLs on reference irradiation capabilities in personal dose equivalent. Journal of Radiological Protection, 2021, 41, 37-45.	0.6	0
47	ProtecciÃ³n RadiolÃ³gica en RadiologÃa Dental. C E S Odontologia, 2021, 34, 52-67.	0.1	0
48	Scan factors and practices associated with radiation doses for chest CT: current Brazilian scenario. Journal of Radiological Protection, 2021, 41, 481-494.	0.6	0
49	Estudo da variaÃ§Ã£o da viscosidade do vidro LKB a partir da adiÃ§Ã£o de Al2O3. Scientia Plena, 2019, 15, .	0.1	0
50	Contribution of the fluoroscopy and cine modes to patient exposure in paediatric interventional cardiology procedures. Radiation Physics and Chemistry, 2022, 200, 110341.	1.4	0
51	Dose evaluation in paediatric patients undergoing skull examinations. Radiation Physics and Chemistry, 2022, 200, 110382.	1.4	0