

Bartłomiej Ciesielski

List of Publications by Year in descending order

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36
papers

777
citations

623734

14
h-index

526287

27
g-index

38
all docs

38
docs citations

38
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	EPR dosimetry in glass: a review. Radiation and Environmental Biophysics, 2022, , 1.	1.4	2
2	The effect of sunlight and UV lamp exposure on EPR signals in X-ray irradiated touch screens of mobile phones. Radiation and Environmental Biophysics, 2020, 59, 539-552.	1.4	4
3	Time evolution of radiation-induced EPR signals in different types of mobile phone screen glasses. Radiation and Environmental Biophysics, 2019, 58, 493-500.	1.4	9
4	The effect of sunlight and UV lamps on EPR signal in nails. Radiation and Environmental Biophysics, 2019, 58, 287-293.	1.4	10
5	EPR dosimetry in nail samples irradiated in vivo during total body irradiation procedures. Radiation Measurements, 2018, 116, 24-34.	1.4	11
6	Verification of radiotherapy doses by EPR dosimetry in patients' teeth. Radiation Measurements, 2016, 92, 86-92.	1.4	8
7	THE EFFECT OF BACKGROUND SIGNAL AND ITS REPRESENTATION IN DECONVOLUTION OF EPR SPECTRA ON ACCURACY OF EPR DOSIMETRY IN BONE. Radiation Protection Dosimetry, 2016, 172, 275-282.	0.8	3
8	EPR dosimetry in nails – A review. Applied Spectroscopy Reviews, 2016, 51, 73-92.	6.7	29
9	The effect of dose and water treatment on EPR signals in irradiated fingernails. Radiation Protection Dosimetry, 2014, 162, 6-9.	0.8	17
10	A comment on the article on EPR in silver – alanine nanocomposites for radiation detection by Guidelli et al. in Nanoscale, 4, 2012. Nanoscale, 2014, 6, 14570-14571.	5.6	1
11	EPR dosimetry intercomparison using smart phone touch screen glass. Radiation and Environmental Biophysics, 2014, 53, 311-20.	1.4	48
12	Effects of water treatment and sample granularity on radiation sensitivity and stability of EPR signals in X-ray irradiated bone samples. Radiation Protection Dosimetry, 2014, 159, 141-148.	0.8	8
13	Application of EPR dosimetry in bone for ex vivo measurements of doses in radiotherapy patients. Radiation Protection Dosimetry, 2014, 162, 38-42.	0.8	17
14	The 4th international comparison on EPR dosimetry with tooth enamel. Radiation Measurements, 2011, 46, 765-771.	1.4	65
15	Analysis of various modifications in spectra analysis on accuracy of dose reconstructions in EPR dosimetry in tooth enamel. Radiation Measurements, 2011, 46, 783-788.	1.4	10
16	The effect of dose on light-sensitivity of radicals in alanine EPR dosimeters. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 69, 1405-1416.	3.9	7
17	Interlaboratory comparison of tooth enamel dosimetry on Semipalatinsk region: Part 1, general view. Radiation Measurements, 2007, 42, 1005-1014.	1.4	42
18	Interlaboratory comparison of tooth enamel dosimetry on Semipalatinsk region: Part 2, Effects of spectrum processing. Radiation Measurements, 2007, 42, 1015-1020.	1.4	39

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19	Reconstruction of doses absorbed by radiotherapy patients by means of EPR dosimetry in tooth enamel. <i>Radiation Measurements</i> , 2007, 42, 1021-1024.	1.4	9
20	The effect of heating on background and radiation-induced EPR signals in tooth enamel. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 63, 870-874.	3.9	5
21	EPR/alanine dosimetry in LDR brachytherapy—a feasibility study. <i>Radiation Protection Dosimetry</i> , 2006, 120, 171-175.	0.8	21
22	Combined effects of high doses and temperature on radiation-induced radicals and their relative contributions to EPR signal in gamma-irradiated alanine. <i>Radiation Protection Dosimetry</i> , 2006, 120, 184-190.	0.8	7
23	The 3rd international intercomparison on EPR tooth dosimetry: Part 1, general analysis. <i>Applied Radiation and Isotopes</i> , 2005, 62, 163-171.	1.5	70
24	Photoacoustic and EPR investigation of gamma irradiated alanine samples. <i>European Physical Journal Special Topics</i> , 2005, 129, 249-252.	0.2	0
25	EPR study of light illumination effects on radicals in gamma-irradiated l-alanine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 1327-1333.	3.9	20
26	In vivo alanine/EPR dosimetry in daily clinical practice: a feasibility study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2003, 56, 899-905.	0.8	42
27	The second international intercomparison on EPR tooth dosimetry. <i>Radiation Measurements</i> , 2000, 32, 549-557.	1.4	111
28	The Effect of High-Linear Energy Transfer Ions on the Electron Paramagnetic Resonance Signal Induced in Alanine. <i>Radiation Research</i> , 1998, 150, 469.	1.5	12
29	Determination of Boron Dose for BNCT Using Fricke and EPR Dosimetry. , 1996, , 467-471.		1
30	The Effects of Boron on the Electron Paramagnetic Resonance Spectra of Alanine Irradiated with Thermal Neutrons. <i>Radiation Research</i> , 1995, 144, 59.	1.5	13
31	The Effects of Dose and Radiation Quality on the Shape and Power Saturation of the EPR Signal in Alanine. <i>Radiation Research</i> , 1994, 140, 105.	1.5	38
32	Energy response of agar-alanine free radical dosimetry to therapeutic electron beams. <i>Medical Physics</i> , 1993, 20, 1453-1455.	3.0	9
33	Application of Fricke Dosimetry for Bnct. , 1993, , 53-57.		2
34	Dose enhancement in buildup region by lead, aluminum, and lucite absorbers for 15 MVp photon beam. <i>Medical Physics</i> , 1989, 16, 609-613.	3.0	14
35	The energy response of agar-alanine phantom dosimeter to gamma radiation. <i>Medical Physics</i> , 1988, 15, 380-383.	3.0	13
36	Continuous three-dimensional radiation dosimetry in tissue-equivalent phantoms using electron paramagnetic resonance in L- α -alanine. <i>Medical Physics</i> , 1987, 14, 646-652.	3.0	10