Jungil Lee

List of Publications by Year in descending order

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34 papers	417 citations	840776 11 h-index	752698 20 g-index
35 all docs	35 docs citations	35 times ranked	281 citing authors

#	Article	IF	Citations
1	A small-scale realistic inter-laboratory accident dosimetry comparison using the TL/OSL from mobile phone components. Radiation Measurements, 2022, 150, 106696.	1.4	5
2	Reference dosimetry for inter-laboratory comparison on retrospective dosimetry techniques in realistic field irradiation experiment using 192Ir. Nuclear Engineering and Technology, 2022, , .	2.3	1
3	On the use of silicon photomultipliers for thermoluminescence measurements. Radiation Physics and Chemistry, 2021, 182, 109381.	2.8	1
4	Thermally assisted optically stimulated luminescence protocol of mobile phone substrate glasses for accident dosimetry. Radiation Measurements, 2021, 146, 106625.	1.4	6
5	Multilayer Structuring of Nonleaded Metal (BiSn)/Polymer/Tungsten Composites for Enhanced Î³â€Ray Shielding. Advanced Engineering Materials, 2020, 22, 1901448.	3.5	15
6	Characterization of thermoluminescence of chip cards for emergency dosimetry. Radiation Measurements, 2020, 134, 106321.	1.4	8
7	The first KREDOS-EPR intercomparison exercise using alanine pellet dosimeter in South Korea. Nuclear Engineering and Technology, 2020, 52, 2379-2386.	2.3	3
8	Thermoluminescence of AMOLED substrate glasses in recent mobile phones for retrospective dosimetry. Radiation Measurements, 2019, 122, 53-56.	1.4	17
9	QUANTIFICATION OF THE KAERIâ€™S MOVABLE NEUTRON IRRADIATOR BY USING A 6LiI(Eu) SCINTILLATOR. Radiation Protection Dosimetry, 2019, 187, 273-278.	0.8	0
10	A study on dose conversion from a material to human body using mesh phantom for retrospective dosimetry. Radiation Measurements, 2019, 126, 106126.	1.4	6
11	EVALUATION OF NEUTRON SCATTERING CORRECTION USING THE SEMI-EMPIRICAL METHOD AND THE SHADOW-CONE METHOD FOR THE NEUTRON FIELD OF THE KOREA ATOMIC ENERGY RESEARCH INSTITUTE. Radiation Protection Dosimetry, 2018, 180, 46-50.	0.8	5
12	Dose re-evaluation in personal dosimetry using the phototransferred thermoluminescence method of LiF:Mg,Cu,Si TLD. Radiation Measurements, 2018, 118, 20-25.	1.4	2
13	An Integrated System for Radioluminescence, Thermoluminescence and Optically Stimulated Luminescence Measurements. Journal of Radiation Protection and Research, 2018, 43, 160-169.	0.6	2
14	Thermoluminescence of chip inductors and resistors in new generation mobile phones for retrospective accident dosimetry. Radiation Measurements, 2017, 105, 26-32.	1.4	20
15	Dose re-estimation using thermoluminescence of chip inductors and resistors following the dose estimation by using optically stimulated luminescence readout for retrospective accident dosimetry. Radiation Measurements, 2016, 90, 257-261.	1.4	9
16	An algorithm for the integrated deconvolution of radioluminescence and thermally/optically stimulated luminescence glow curves. Radiation Measurements, 2015, 79, 7-12.	1.4	3
17	On the use of new generation mobile phone (smart phone) for retrospective accident dosimetry. Radiation Physics and Chemistry, 2015, 116, 151-154.	2.8	19
18	Development of Thermoluminescence and Optical Stimulated Luminescence Measurements System. Journal of Radiation Protection and Research, 2015, 40, 46-54.	0.6	3

#	Article	IF	Citations
19	Effect of pre-irradiation annealing treatments on the response of high-temperature glow peaks of LiF:Mg,Ti. Radiation Measurements, 2014, 71, 43-46.	1.4	3
20	An algorithm for unified analysis on the thermoluminescence glow curve. Radiation Measurements, 2014, 71, 193-196.	1.4	1
21	Characteristics of LiAlO2 â€“ Radioluminescence and optically stimulated luminescence. Radiation Measurements, 2013, 56, 217-222.	1.4	20
22	TL response of pairs of 6LiF:Mg,Cu,Si/7LiF:Mg,Cu,Si and TLD-600/TLD-700 to 0.1â€“12ÂMeV neutrons. Radiation Measurements, 2013, 56, 223-227.	1.4	6
23	Thermoluminescence glow curve deconvolution of LiF:Mg,Cu,Si with more realistic kinetic models. Radiation Measurements, 2013, 59, 151-154.	1.4	6
24	Preliminary study on development and characterization of high sensitivity LiAlO2 optically stimulated luminescence material. Radiation Measurements, 2012, 47, 837-840.	1.4	29
25	LiF:Mg,Cu,Si material with intense high-temperature TL peak prepared by various thermal treatment conditions. Radiation Measurements, 2011, 46, 1496-1499.	1.4	5
26	Influence of dopants on the glow curve structure and energy dependence of LiF:Mg,Cu,Si detectors. Radiation Measurements, 2011, 46, 329-333.	1.4	11
27	Optimization of preparation procedure of LiF:Mg,Cu,Si TLD for improving the reusability. Radiation Measurements, 2010, 45, 583-585.	1.4	8
28	Further studies on higher temperature TL glow peaks of 7LiF:Mg,Ti. Applied Radiation and Isotopes, 2009, 67, 1078-1083.	1.5	15
29	Role of dopants in LiF TLD materials. Radiation Measurements, 2008, 43, 303-308.	1.4	36
30	Further studies on the dosimetric characteristics of LiF:Mg,Cu,Siâ€”A high sensitivity thermoluminescence dosimeter (TLD). Radiation Measurements, 2008, 43, 446-449.	1.4	29
31	Dosimetric Radiation Protection Quantities - Impact of the Forthcoming ICRP Recommendations. Journal of Nuclear Science and Technology, 2008, 45, 221-224.	1.3	1
32	Recent developments of optically stimulated luminescence materials and techniques for radiation dosimetry and clinical applications. Journal of Medical Physics, 2008, 33, 85.	0.3	98
33	Dual-step thermal treatment for the stability of glow curve structure and the TL sensitivity of the newly developed LiF:Mg,Cu,Si. Radiation Measurements, 2007, 42, 597-600.	1.4	16
34	Use of OSL and TL of Electronic Components of Portable Devices for Retrospective Accident Dosimetry. Defect and Diffusion Forum, 0, 347, 229-245.	0.4	6