

# 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	Recent developments of optically stimulated luminescence materials and techniques for radiation dosimetry and clinical applications. <i>Journal of Medical Physics</i> , 2008, 33, 85.	0.3	98
2	Role of dopants in LiF TLD materials. <i>Radiation Measurements</i> , 2008, 43, 303-308.	1.4	36
3	Further studies on the dosimetric characteristics of LiF:Mg,Cu,Si "A high sensitivity thermoluminescence dosimeter (TLD). <i>Radiation Measurements</i> , 2008, 43, 446-449.	1.4	29
4	Preliminary study on development and characterization of high sensitivity LiAlO <sub>2</sub> optically stimulated luminescence material. <i>Radiation Measurements</i> , 2012, 47, 837-840.	1.4	29
5	Characteristics of LiAlO <sub>2</sub> " Radioluminescence and optically stimulated luminescence. <i>Radiation Measurements</i> , 2013, 56, 217-222.	1.4	20
6	Thermoluminescence of chip inductors and resistors in new generation mobile phones for retrospective accident dosimetry. <i>Radiation Measurements</i> , 2017, 105, 26-32.	1.4	20
7	On the use of new generation mobile phone (smart phone) for retrospective accident dosimetry. <i>Radiation Physics and Chemistry</i> , 2015, 116, 151-154.	2.8	19
8	Thermoluminescence of AMOLED substrate glasses in recent mobile phones for retrospective dosimetry. <i>Radiation Measurements</i> , 2019, 122, 53-56.	1.4	17
9	Dual-step thermal treatment for the stability of glow curve structure and the TL sensitivity of the newly developed LiF:Mg,Cu,Si. <i>Radiation Measurements</i> , 2007, 42, 597-600.	1.4	16
10	Further studies on higher temperature TL glow peaks of 7LiF:Mg,Ti. <i>Applied Radiation and Isotopes</i> , 2009, 67, 1078-1083.	1.5	15
11	Multilayer Structuring of Nonleaded Metal (BiSn)/Polymer/Tungsten Composites for Enhanced $\gamma$ -Ray Shielding. <i>Advanced Engineering Materials</i> , 2020, 22, 1901448.	3.5	15
12	Influence of dopants on the glow curve structure and energy dependence of LiF:Mg,Cu,Si detectors. <i>Radiation Measurements</i> , 2011, 46, 329-333.	1.4	11
13	Dose re-estimation using thermoluminescence of chip inductors and resistors following the dose estimation by using optically stimulated luminescence readout for retrospective accident dosimetry. <i>Radiation Measurements</i> , 2016, 90, 257-261.	1.4	9
14	Optimization of preparation procedure of LiF:Mg,Cu,Si TLD for improving the reusability. <i>Radiation Measurements</i> , 2010, 45, 583-585.	1.4	8
15	Characterization of thermoluminescence of chip cards for emergency dosimetry. <i>Radiation Measurements</i> , 2020, 134, 106321.	1.4	8
16	TL response of pairs of 6LiF:Mg,Cu,Si/7LiF:Mg,Cu,Si and TLD-600/TLD-700 to 0.1 " 12 MeV neutrons. <i>Radiation Measurements</i> , 2013, 56, 223-227.	1.4	6
17	Thermoluminescence glow curve deconvolution of LiF:Mg,Cu,Si with more realistic kinetic models. <i>Radiation Measurements</i> , 2013, 59, 151-154.	1.4	6
18	Use of OSL and TL of Electronic Components of Portable Devices for Retrospective Accident Dosimetry. <i>Defect and Diffusion Forum</i> , 0, 347, 229-245.	0.4	6

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19	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
20	Thermally assisted optically stimulated luminescence protocol of mobile phone substrate glasses for accident dosimetry. Radiation Measurements, 2021, 146, 106625.	1.4	6
21	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
22	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
23	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
24	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
25	An algorithm for the integrated deconvolution of radioluminescence and thermally/optically stimulated luminescence glow curves. Radiation Measurements, 2015, 79, 7-12.	1.4	3
26	The first KREDOS-EPR intercomparison exercise using alanine pellet dosimeter in South Korea. Nuclear Engineering and Technology, 2020, 52, 2379-2386.	2.3	3
27	Development of Thermoluminescence and Optical Stimulated Luminescence Measurements System. Journal of Radiation Protection and Research, 2015, 40, 46-54.	0.6	3
28	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
29	An Integrated System for Radioluminescence, Thermoluminescence and Optically Stimulated Luminescence Measurements. Journal of Radiation Protection and Research, 2018, 43, 160-169.	0.6	2
30	Dosimetric Radiation Protection Quantities - Impact of the Forthcoming ICRP Recommendations. Journal of Nuclear Science and Technology, 2008, 45, 221-224.	1.3	1
31	An algorithm for unified analysis on the thermoluminescence glow curve. Radiation Measurements, 2014, 71, 193-196.	1.4	1
32	On the use of silicon photomultipliers for thermoluminescence measurements. Radiation Physics and Chemistry, 2021, 182, 109381.	2.8	1
33	Reference dosimetry for inter-laboratory comparison on retrospective dosimetry techniques in realistic field irradiation experiment using <sup>192</sup> Ir. Nuclear Engineering and Technology, 2022, , .	2.3	1
34	QUANTIFICATION OF THE KAERI'S MOVABLE NEUTRON IRRADIATOR BY USING A <sup>6</sup> LiI(Eu) SCINTILLATOR. Radiation Protection Dosimetry, 2019, 187, 273-278.	0.8	0