Pawel Bilski

List of Publications by Year in descending order

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224 papers	4,033 citations	159358 30 h-index	223531 46 g-index
227 all docs	227 docs citations	227 times ranked	2218 citing authors

#	Article	IF	Citations
1	GlowFitâ€"a new tool for thermoluminescence glow-curve deconvolution. Radiation Measurements, 2006, 41, 659-664.	0.7	230
2	Lithium Fluoride: From LiF:Mg,Ti to LiF:Mg,Cu,P. Radiation Protection Dosimetry, 2002, 100, 199-205.	0.4	117
3	Astronaut's Organ Doses Inferred from Measurements in a Human Phantom Outside the International Space Station. Radiation Research, 2009, 171, 225-235.	0.7	116
4	Mn-doped YAlO3 crystal: a new potential TLD phosphor. Nuclear Instruments & Methods in Physics Research B, 2005, 227, 545-550.	0.6	74
5	The new EYE-Dâ„¢ dosemeter for measurements of HP(3) for medical staff. Radiation Measurements, 2011, 46, 1239-1242.	0.7	71
6	Retrospective radiation dosimetry using OSL of electronic components: Results of an inter-laboratory comparison. Radiation Measurements, 2014, 71, 475-479.	0.7	70
7	Thermoluminescence Efficiency of LiF:Mg,Cu,P (MCP-N) Detectors to Photons, Beta-Electrons, Alpha Particles and Thermal Neutrons. Radiation Protection Dosimetry, 1994, 55, 31-38.	0.4	64
8	Characteristics of LiF:Mg,Cu,P thermoluminescence at ultra-high dose range. Radiation Measurements, 2008, 43, 315-318.	0.7	58
9	A new cylindrical phantom for eye lens dosimetry development. Radiation Measurements, 2011, 46, 1231-1234.	0.7	53
10	Aluminum and Gallium Substitution in Yttrium and Lutetium Aluminumâ€"Gallium Garnets: Investigation by Single-Crystal NMR and TSL Methods. Journal of Physical Chemistry C, 2016, 120, 24400-24408.	1.5	51
11	DOSIS & DOSIS 3D: long-term dose monitoring onboard the Columbus Laboratory of the International Space Station (ISS). Journal of Space Weather and Space Climate, 2016, 6, A39.	1.1	49
12	Cosmic Radiation Exposure of Biological Test Systems During the EXPOSE-E Mission. Astrobiology, 2012, 12, 387-392.	1.5	46
13	Comparison of commercial thermoluminescent readers regarding high-dose high-temperature measurements. Radiation Measurements, 2014, 65, 8-13.	0.7	46
14	DOSIS & DOSIS 3D: radiation measurements with the DOSTEL instruments onboard the Columbus Laboratory of the ISS in the years 2009â€"2016. Journal of Space Weather and Space Climate, 2017, 7, A8.	1.1	44
15	Microdosimetric Interpretation of the Photon Energy Response of LiF:Mg,Ti Detectors. Radiation Protection Dosimetry, 2002, 100, 119-122.	0.4	41
16	Characterization of YAlO3:Mn2+ thermoluminescent detectors. Radiation Measurements, 2010, 45, 516-518.	0.7	41
17	High-perfomance Ce-doped multicomponent garnet single crystalline film scintillators. Physica Status Solidi - Rapid Research Letters, 2015, 9, 489-493.	1.2	41
18	Response of various LiF thermoluminescent detectors to high energy ions â€" Results of the ICCHIBAN experiment. Nuclear Instruments & Methods in Physics Research B, 2006, 251, 121-126.	0.6	40

#	Article	IF	Citations
19	The MATROSHKA Experiment: Results and Comparison from Extravehicular Activity (MTR-1) and Intravehicular Activity (MTR-2A/2B) Exposure. Radiation Research, 2013, 180, 622-637.	0.7	39
20	Dependence of LiF:Mg,Cu,P (MCP-N) Glow-Curve Structure on Dopant Composition and Thermal Treatment. Radiation Protection Dosimetry, 1997, 69, 187-198.	0.4	38
21	Method of thermoluminescent measurement of radiation doses from micrograys up to a megagray with a single LiF:Mg,Cu,P detector. Radiation Protection Dosimetry, 2011, 144, 543-547.	0.4	38
22	Behaviour of LiF:Mg,Cu,P and LiF:Mg,Ti thermoluminescent detectors for electron doses up to 1MGy. Radiation Measurements, 2010, 45, 576-578.	0.7	37
23	Aliphaticâ€“aromatic poly(azomethine)s with ester groups as thermotropic materials for opto(electronic) applications. Synthetic Metals, 2010, 160, 1856-1867.	2.1	37
24	Ultra-thin LiF:Mg,Cu,P detectors for beta dosimetry. Radiation Measurements, 1995, 24, 439-443.	0.7	35
25	Peculiarities of luminescent and scintillation properties of YAG:Ce phosphor prepared in different crystalline forms. Optical Materials, 2012, 34, 1314-1319.	1.7	35
26	Fluorescent detection of single tracks of alpha particles using lithium fluoride crystals. Nuclear Instruments & Methods in Physics Research B, 2017, 392, 41-45.	0.6	35
27	Microdosimetric Interpretation of the Anomalous Photon Energy Response of Ultra-Sensitive LiF:Mg,Cu,P TL Dosemeters. Radiation Protection Dosimetry, 1993, 47, 31-35.	0.4	34
28	A Systematic Evaluation of The Dependence of Glow Curve Structure on the Concentration of Dopants in LiF:Mg,Cu,P. Radiation Protection Dosimetry, 1996, 65, 195-198.	0.4	33
29	Development of a Method for Passive Measurement of Radiation Doses at Ultra-High Dose Range. IEEE Transactions on Nuclear Science, 2009, 56, 3759-3763.	1.2	31
30	Thermoluminescence and optically stimulated luminescence studies on LiMgPO4 crystallized by micro pulling down technique. Radiation Measurements, 2016, 85, 88-92.	0.7	31
31	A simplified numerical approach to non-radiation induced high-temperature signals in thermoluminescence. GlowVIEW â€“ a useful tool for a multiple glow-curve analysis. Radiation Measurements, 2017, 107, 102-110.	0.7	31
32	Growth and luminescent properties of scintillators based on the single crystalline films of Lu3â^'xGdxAl5O12:Ce garnet. Materials Research Bulletin, 2015, 64, 355-363.	2.7	30
33	Investigations of OSL properties of LiMgPO4:Tb,B based dosimeters. Radiation Measurements, 2016, 90, 265-268.	0.7	30
34	Thermal, optical, electrical and structural study of new symmetrical azomethine based on poly(1,4-butanediol)bis(4-aminobenzoate). Journal of Molecular Structure, 2010, 963, 175-182.	1.8	29
35	On the relationship between dose-, energy- and LET-response of thermoluminescent detectors. Radiation Protection Dosimetry, 2006, 119, 15-22.	0.4	28
36	Application of different TL detectors for the photon dosimetry in mixed radiation fields used for BNCT. Radiation Protection Dosimetry, 2006, 120, 83-86.	0.4	28

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37	Influence of concentration of magnesium on the dose response and LET-dependence of TL efficiency in LiF:Mg,Cu,P (MCP-N) detectors. Radiation Measurements, 1998, 29, 355-359.	0.7	27
38	LiF:Mg,Ti (MTT) TL Detectors optimised for high-LET radiation dosimetry. Radiation Measurements, 2004, 38, 427-430.	0.7	27
39	Sensitivity loss and recovery for individual TL peaks in LiF:Mg,Ti and LiF:Mg,Cu,P after high-dose irradiation. Radiation Measurements, 2008, 43, 357-360.	0.7	27
40	Relative efficiency of TL detectors to energetic ion beams. Radiation Measurements, 2010, 45, 1495-1498.	0.7	27
41	Scintillating screens based on the LPE grown Tb 3 Al 5 O 12 :Ce single crystalline films. Optical Materials, 2017, 65, 73-81.	1.7	27
42	Thermoluminescence Enhancement of LiMgPO4 Crystal Host by Tb3+ and Tm3+ Trivalent Rare-Earth Ions Co-doping. Materials, 2019, 12, 2861.	1.3	27
43	Thermoluminescence emission characteristics of LiF(Mg,Cu,P) with different dopant concentrations. Radiation Measurements, 1995, 24, 411-416.	0.7	26
44	High-dose characterization of different LiF phosphors. Radiation Measurements, 2007, 42, 582-585.	0.7	26
45	Characterization, liquid crystalline behavior, electrochemical and optoelectrical properties of new poly(azomethine)s and a poly(imide) with siloxane linkages. Optical Materials, 2011, 34, 61-74.	1.7	26
46	Eye lens dosimetry: task 2 within the ORAMED project. Radiation Protection Dosimetry, 2011, 144, 473-477.	0.4	26
47	Investigation of thermoluminescence properties of mobile phone screen displays as dosimeters for accidental dosimetry. Radiation Physics and Chemistry, 2014, 104, 88-92.	1.4	26
48	Dosimetry of densely ionising radiation with three LiF phosphors for space applications. Radiation Protection Dosimetry, 2006, 120, 397-400.	0.4	25
49	The response of different types of TL lithium fluoride detectors to high-energy mixed radiation fields. Radiation Measurements, 2008, 43, 1144-1148.	0.7	25
50	OSL signal of lithium fluoride and its relationship with TL glow-curves. Radiation Measurements, 2014, 71, 61-64.	0.7	25
51	Investigation of OSL signal of resistors from mobile phones for accidental dosimetry. Radiation Measurements, 2014, 71, 466-470.	0.7	25
52	Growth and luminescent properties of scintillators based on the single crystalline films of (Lu,Gd)3(Al,Ga)5O12:Ce garnets. Journal of Luminescence, 2016, 169, 828-837.	1.5	25
53	Comparative studies on OSL properties of LiMgPO4:Tb,B powders and crystals. Radiation Measurements, 2017, 106, 94-99.	0.7	25
54	Modeling the Response of Thermoluminescence Detectors Exposed to Low- and High-LET Radiation Fields. Journal of Radiation Research, 2002, 43, S59-S62.	0.8	24

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55	Response of various types of lithium fluoride MCP detectors to high and ultra-high thermal neutron doses. Radiation Measurements, 2011, 46, 1882-1885.	0.7	24
56	Analysis of TL and OSL kinetics of lithium aluminate. Radiation Measurements, 2014, 71, 143-147.	0.7	24
57	Properties of lithium aluminate for application as an OSL dosimeter. Radiation Physics and Chemistry, 2014, 104, 76-79.	1.4	24
58	Characterization of the RisÃ¸ TL/OSL DA-20 reader for application in TL dosimetry. Radiation Measurements, 2015, 74, 1-5.	0.7	24
59	Modelling of the Thermoluminescence Response of LiF:Mg,Cu,P (MCP-N) Detectors after Doses of Low-Energy Photons. Radiation Protection Dosimetry, 1999, 84, 103-107.	0.4	23
60	Comparative investigations of the relative thermoluminescent efficiency of LiF detectors to protons at different proton therapy facilities. Radiation Measurements, 2015, 82, 8-13.	0.7	23
61	Thermoluminescent response of differently doped lithium magnesium phosphate (LiMgPO4, LMP) crystals to protons, neutrons and alpha particles. Radiation Measurements, 2018, 113, 14-19.	0.7	23
62	The response of TL lithium fluoride detectors to 24ÂGeV/c protons for doses ranging up to 1ÂMGy. Radiation Measurements, 2010, 45, 643-645.	0.7	22
63	Liquid-crystalline phases formed by symmetrical azines with different terminal chains: Thermal, optical and electrical study. Synthetic Metals, 2010, 160, 859-865.	2.1	22
64	Comparison of the response of various TLDs to cosmic radiation and ion beams: Current results of the HAMLET project. Radiation Measurements, 2011, 46, 1680-1685.	0.7	22
65	TL, OSL and RL emission spectra of RE-doped LiMgPO4 crystals. Journal of Luminescence, 2020, 218, 116839.	1.5	22
66	Dosimetric Characteristics of LiF:Mg,Cu,P Phosphors - A Track Structure Interpretation. Radiation Protection Dosimetry, 1993, 47, 53-58.	0.4	21
67	Thermoluminescence measurements of neutron streaming through JET Torus Hall ducts. Fusion Engineering and Design, 2014, 89, 2235-2240.	1.0	21
68	Analysis of TL and OSL kinetics in lithium magnesium phosphate crystals. Radiation Measurements, 2017, 106, 100-106.	0.7	21
69	Thermoluminescence Properties of LiF(Mg,Cu,P) with Different Cu Concentrations. Radiation Protection Dosimetry, 1996, 65, 199-202.	0.4	20
70	Investigation of Efficiency of Thermoluminescence Detectors for Particle Therapy Beams. Radiation Protection Dosimetry, 1997, 70, 501-504.	0.4	20
71	Two-dimensional thermoluminescence dosimetry using planar detectors and a TL reader with CCD camera readout. Radiation Protection Dosimetry, 2006, 120, 129-132.	0.4	20
72	New OSL detectors based on LiMgPO4 crystals grown by micro pulling down method. Dosimetric properties vs. growth parameters. Radiation Measurements, 2016, 90, 303-307.	0.7	20

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73	Fluorescent imaging of heavy charged particle tracks with LiF single crystals. Journal of Luminescence, 2019, 213, 82-87.	1.5	20
74	Validation of modelling the radiation exposure due to solar particle events at aircraft altitudes. Radiation Protection Dosimetry, 2008, 131, 51-58.	0.4	19
75	Alpha particle and proton relative thermoluminescence efficiencies in LiF:Mg,Cu,P:is track structure theory up to the task?. Radiation Protection Dosimetry, 2012, 150, 359-374.	0.4	19
76	On LiF:Mg,Cu,P and LiF:Mg,Ti phosphors high & ultra-high dose features. Radiation Measurements, 2014, 71, 25-30.	0.7	19
77	Two-dimensional radiation dosimetry based on LiMgPO4 powder embedded into silicone elastomer matrix. Radiation Measurements, 2020, 133, 106255.	0.7	19
78	TL Emission Spectra from Differently Doped LiF:Mg Detectors. Radiation Protection Dosimetry, 2002, 100, 451-454.	0.4	18
79	Spectrally resolved thermoluminescence of highly irradiated LiF:Mg,Cu,P detectors. Radiation Measurements, 2010, 45, 579-582.	0.7	18
80	Epitaxial Growth of LuAG:Ce and LuAG:Ce,Pr Films and Their Scintillation Properties. IEEE Transactions on Nuclear Science, 2016, 63, 1726-1732.	1.2	18
81	Intrinsic and defect-related luminescence of YAlO3 and LuAlO3 single crystals and films. Optical Materials, 2018, 86, 376-381.	1.7	18
82	The effect of CeO2 on the thermal stability, structure and thermoluminescence and optically stimulated luminescence properties of barium borate glass. Journal of Non-Crystalline Solids, 2019, 517, 61-69.	1.5	18
83	Self-attenuation of TL light from LiFâ€"a comparison of different experimental methods. Radiation Measurements, 2001, 33, 679-685.	0.7	17
84	Measurement of 2-D dose distributions by large-area thermoluminescent detectors. Radiation Measurements, 2004, 38, 833-837.	0.7	17
85	On the correctness of the thermoluminescent high-temperature ratio (HTR) method for estimating ionization density effects in mixed radiation fields. Radiation Measurements, 2010, 45, 42-50.	0.7	17
86	Photoluminescence measurements of LiF TL detectors. Radiation Measurements, 2013, 56, 209-212.	0.7	17
87	Supralinearity of peak 4 and 5 in thermoluminescent lithium fluoride MTS-N () detectors at different Mg and Ti concentration. Radiation Measurements, 2001, 33, 807-812.	0.7	16
88	A Study of the Thermoluminescent Properties of CVD Diamond Detectors. Physica Status Solidi A, 2002, 193, 470-475.	1.7	16
89	LITHIUM FLUORIDE CRYSTALS AS FLUORESCENT NUCLEAR TRACK DETECTORS. Radiation Protection Dosimetry, 2018, 178, 337-340.	0.4	16
90	Detection of neutrons with LiF fluorescent nuclear track detectors. Radiation Measurements, 2018, 116, 35-39.	0.7	16

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91	A new approach to the 2D radiation dosimetry based on optically stimulated luminescence of LiF:Mg,Cu,P. Radiation Measurements, 2020, 133, 106293.	0.7	16
92	Application of Individually Calibrated Solid LiF,Ti (MTS-N) Detectors in Clinical Dosimetry. Radiation Protection Dosimetry, 1999, 85, 377-380.	0.4	15
93	Evaluation of the relative thermoluminescence efficiency of LiF:Mg,Ti and LiF:Mg,Cu,P TL detectors to low-energy heavy ions. Radiation Measurements, 2013, 51-52, 7-12.	0.7	15
94	Spectral characteristic of high-dose high-temperature emission from LiF:Mg,Cu,P (MCP-N) TL detectors. Radiation Measurements, 2013, 53-54, 22-30.	0.7	15
95	NUNDO: a numerical model of a human torso phantom and its application to effective dose equivalent calculations for astronauts at the ISS. Radiation and Environmental Biophysics, 2014, 53, 719-727.	0.6	15
96	Radio-photoluminescence of highly irradiated Lif:Mg,Ti and Lif:Mg,Cu,P detectors. Radiation Measurements, 2014, 71, 31-35.	0.7	15
97	Optically stimulated luminescence of LiF:Mg,Cu,P with different dopant concentrations. Radiation Measurements, 2019, 123, 58-62.	0.7	15
98	The effect of lithium fluoride on the thermal stability and thermoluminescence properties of borosilicate glass and glass-ceramics. Journal of the European Ceramic Society, 2020, 40, 472-479.	2.8	15
99	Dosimetry properties of Tm-doped single CaF2 crystals. Radiation Measurements, 2001, 33, 571-576.	0.7	14
100	An improved method of estimating ionisation density using TLDs. Radiation Measurements, 2008, 43, 679-682.	0.7	14
101	OSL dosimetric properties of cerium doped lutetium orthosilicates. Radiation Measurements, 2014, 71, 139-142.	0.7	14
102	Cosmic radiation exposure of biological test systems during the EXPOSE-R mission. International Journal of Astrobiology, 2015, 14, 27-32.	0.9	14
103	OSL signal of IC chips from mobile phones for dose assessment in accidental dosimetry. Radiation Measurements, 2017, 98, 1-9.	0.7	14
104	Radiophotoluminescence spectra of lithium fluoride TLDs after exposures to different radiation modalities. Radiation Measurements, 2017, 97, 14-19.	0.7	14
105	OSL and RL of LiMgPO4 crystals doped with rare earth elements. Radiation Measurements, 2019, 129, 106205.	0.7	14
106	LPE Growth of Single Crystalline Film Scintillators Based on Ce3+ Doped Tb3â^'xGdxAl5â^'yGayO12 Mixed Garnets. Crystals, 2017, 7, 262.	1.0	13
107	Microdosimetric Analysis of the Response of LiF Thermoluminescent Detectors for Radiations of Different Qualities. Radiation Protection Dosimetry, 1994, 52, 405-408.	0.4	13
108	Properties of Different Thin-Layer LiF:Mg,Cu,P TL Detectors for Beta Dosimetry. Radiation Protection Dosimetry, 1996, 66, 101-104.	0.4	12

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109	Dosimetry of low-energy protons and light ions. Physics in Medicine and Biology, 2001, 46, 473-485.	1.6	12
110	Thermoluminescence glow peak parameters for LiF:Mg,Ti with modified activator concentration. Radiation Measurements, 2007, 42, 601-604.	0.7	12
111	Composition engineering of single crystalline films based on the multicomponent garnet compounds. Optical Materials, 2016, 61, 3-10.	1.7	12
112	Optical and thermal pre-readout treatments to reduce the influence of fading on LiMgPO4 OSL measurements. Applied Radiation and Isotopes, 2018, 136, 118-120.	0.7	12
113	Luminescent properties of undoped and Ce3+ doped crystals in Y2O3 Lu2O3 Al2O3 triple oxide system grown by micro-pulling-down method. Optical Materials, 2019, 89, 408-413.	1.7	12
114	Composition engineering of Tb3-xGdxAl5-yGayO12:Ce single crystals and their luminescent, scintillation and photoconversion properties. Journal of Alloys and Compounds, 2020, 849, 155808.	2.8	12
115	Intrinsic and Dopant-Related Luminescence of Undoped and Tb Plus Tm Double-Doped Lithium Magnesium Phosphate (LiMgPO4, LMP) Crystals. Materials, 2020, 13, 2032.	1.3	12
116	Composite Detectors Based on Single-Crystalline Films and Single Crystals of Garnet Compounds. Materials, 2022, 15, 1249.	1.3	12
117	Comparison of LiF:Mg,Cu,P. (MCP-N, GR-200A) and Alpha-Al203:C TL Detectors in Short-Term Measurements of Natural Radiation. Radiation Protection Dosimetry, 1996, 66, 157-160.	0.4	11
118	Dosimetric properties of sintered TL detectors. Radiation Measurements, 2001, 33, 537-540.	0.7	11
119	Influence of UV Light on the Thermoluminescence of CVD Diamond Detectors Irradiated by Ionizing Radiation. Physica Status Solidi A, 2001, 185, 183-189.	1.7	11
120	Investigation of Radiation Doses in Open Space using TLD Detectors. Radiation Protection Dosimetry, 2002, 100, 533-536.	0.4	11
121	CVD diamond wafers as large-area thermoluminescence detectors for measuring the spatial distribution of dose. Physica Status Solidi A, 2003, 199, 119-124.	1.7	11
122	Measurements and Monte Carlo simulations of the response of the RADOS personal dosemeters with MTS-N (LiF:Mg,Ti) and MCP-N (LiF:Mg,Cu,P) thermoluminescent detectors to X- and gamma-rays. Radiation Measurements, 2008, 43, 616-620.	0.7	11
123	Novel methods of tritium production rate measurements in HCLL TBM mock-up experiment with liquid scintillation technique. Fusion Engineering and Design, 2011, 86, 2429-2432.	1.0	11
124	Measurements of high-temperature emission spectra of highly irradiated LiF:Mg,Cu,P (MCP-N) TL detectors. Radiation Measurements, 2013, 56, 183-186.	0.7	11
125	Thermoluminescence fading studies: Implications for long-duration space measurements in Low Earth Orbit. Radiation Measurements, 2013, 56, 303-306.	0.7	11
126	Relative thermoluminescent efficiency of LiF detectors for proton radiation: Batch variability and energy dependence. Radiation Measurements, 2013, 56, 205-208.	0.7	11

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127	Composite thermoluminescent detectors based on the Ce3+ doped LuAG/YAG and YAG/LuAG epitaxial structures. Radiation Measurements, 2019, 128, 106124.	0.7	11
128	Photoluminescence and Thermoluminescence of the Oxygen-Deficient YAG, YAP, and YAM Phosphors. Acta Physica Polonica A, 2018, 133, 977-980.	0.2	11
129	Dosimetry of heavy charged particles with thermoluminescence detectors--models and applications. Radiation Protection Dosimetry, 2004, 110, 315-318.	0.4	10
130	Absorbed dose measurements of a handheld 50 kVP X-ray source in water with thermoluminescence dosemeters. Radiation Protection Dosimetry, 2006, 120, 78-82.	0.4	10
131	Thermoluminescence measurements of liquid crystal azomethines and poly(azomethines) with different shapes as thermo-detectors. Journal of Luminescence, 2010, 130, 2362-2367.	1.5	10
132	Calculation of the relative efficiency of thermoluminescent detectors to space radiation. Radiation Measurements, 2011, 46, 1728-1731.	0.7	10
133	Microdosimetric analysis of response of LiF:Mg,Cu,P (MCP-N) TL detectors for alpha-particles and ultra-high doses of gamma-rays. Radiation Measurements, 2011, 46, 1349-1352.	0.7	10
134	Evaluation of the relative TL efficiency of the thermoluminescent detectors to heavy charged particles. Radiation Protection Dosimetry, 2016, 168, 27-32.	0.4	10
135	Scintillating Screens Based on the Single Crystalline Films of Multicomponent Garnets: New Achievements and Possibilities. IEEE Transactions on Nuclear Science, 2016, 63, 497-502.	1.2	10
136	IMAGING OF PROTON BRAGG PEAKS IN LiF. Radiation Protection Dosimetry, 2018, 178, 333-336.	0.4	10
137	OSL dosimetric properties and efficiency of Brazilian natural calcium fluoride pellets. Applied Radiation and Isotopes, 2018, 135, 166-170.	0.7	10
138	LPE Growth of Composite Thermoluminescent Detectors Based on the Lu3â^'xGdxAl5O12:Ce Single Crystalline Films and YAG:Ce Crystals. Crystals, 2020, 10, 189.	1.0	10
139	Miniature Thermoluminescent Detectors for Dosimetry in Radiotherapy. Radiation Protection Dosimetry, 2002, 101, 473-476.	0.4	9
140	The problems associated with the monitoring of complex workplace radiation fields at European high-energy accelerators and thermonuclear fusion facilities. Radiation Protection Dosimetry, 2007, 126, 491-496.	0.4	9
141	Dose perturbation behind tantalum clips in ocular proton therapy. Radiation Measurements, 2010, 45, 694-697.	0.7	9
142	High-dose high-temperature emission of LiF:Mg,Cu,P: Thermally and radiation induced loss & recovery of its sensitivity. Radiation Measurements, 2013, 56, 171-178.	0.7	9
143	Comparative study of TL and OSL properties of LSO and LSO:Ce single crystals andÂsingle crystalline films. Radiation Measurements, 2013, 56, 196-199.	0.7	9
144	Dosimetric properties and stability of thermoluminescent foils made from LiF:Mg,Cu,P or CaSO4:Dy during long-term use. Radiation Physics and Chemistry, 2014, 104, 212-215.	1.4	9

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145	Comparative analysis of the scintillation and thermoluminescent properties of Ce-doped LSO and YSO crystals and films. Optical Materials, 2014, 36, 1715-1719.	1.7	9
146	Estimation of the Time Elapsed Between Exposure and Readout Using Peak Ratios of LiF:Mg,Cu,P (MCP-N,GR200A). Radiation Protection Dosimetry, 1999, 85, 149-152.	0.4	8
147	Dosimetric properties of new cards with high-sensitivity MCP-N (LiF:Mg,Cu,P) detectors for Harshaw automatic reader. Radiation Protection Dosimetry, 2006, 125, 251-253.	0.4	8
148	On the dose response of some CVD diamond thermoluminescent detectors. Radiation Protection Dosimetry, 2006, 119, 319-322.	0.4	8
149	Response of TL lithium fluoride detectors (MTS) to high gamma radiation doses. Radiation Measurements, 2011, 46, 1878-1881.	0.7	8
150	Luminescent properties of YAlO3:Mn single crystalline films. Optical Materials, 2012, 34, 1979-1983.	1.7	8
151	Relative TL and OSL efficiency to protons of various dosimetric materials. Radiation Protection Dosimetry, 2014, 161, 112-115.	0.4	8
152	Dependence of the thermoluminescent high-temperature ratio (HTR) of LiF:Mg,Ti detectors on proton energy and dose. Radiation Measurements, 2014, 71, 39-42.	0.7	8
153	Luminescent properties of Tb and Eu activated AxB1-xAlO3 (A = Y, Lu, Gd; B = Lu; x = 0, 0.5, 1) mixed oxides crystals prepared by micro-pulling-down method. Radiation Measurements, 2019, 126, 106140.	0.7	8
154	OPTICALLY STIMULATED LUMINESCENCE OF LiF:Mg,Cu,P POWDERâ€"INFLUENCE OF THERMAL TREATMENT. Radiation Protection Dosimetry, 2019, 186, 488-495.	0.4	8
155	3D Dosimetry Based on LiMgPO4 OSL Silicone Foils: Facilitating the Verification of Eye-Ball Cancer Proton Radiotherapy. Sensors, 2021, 21, 6015.	2.1	8
156	Thermoluminescence dosimetry in evaluation of liquid 32P sources for intravascular brachytherapy. Radiation Measurements, 2000, 32, 205-210.	0.7	7
157	Physical and chemical limitations to preparation of beta radioactive stents by direct neutron activation. Biomaterials, 2003, 24, 427-433.	5.7	7
158	Dose reassessment by using PTTL method in MTS-N (LiF:Mg, Ti) thermoluminescent detectors. Radiation Measurements, 2013, 56, 389-392.	0.7	7
159	Dose estimation based on OSL signal from banknotes in accident dosimetry. Radiation Measurements, 2017, 101, 1-6.	0.7	7
160	Thermoluminescence kinetics of undoped and doped (Ti, Cu, Ce) lithium aluminate crystals. Radiation Measurements, 2017, 106, 107-112.	0.7	7
161	Luminescent and Scintillation Properties of CeAlO3 Crystals and Phase-Separated CeAlO3/CeAl11O18 Metamaterials. Crystals, 2019, 9, 296.	1.0	7
162	Luminescent properties of LiF crystals for fluorescent imaging of nuclear particles tracks. Optical Materials, 2019, 90, 1-6.	1.7	7

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163	Scintillation and Energy-Storage Properties of Micro-Pulling-Down Grown Crystals of Sc3+- and La3+-Doped YAlO3 Perovskite. Crystals, 2020, 10, 385.	1.0	7
164	Comparison of optical absorption and thermoluminescence in LiF:Mg, TI (TLD-100) following irradiation by high energy protons and 90Sr/90Y beta rays. Radiation Measurements, 2020, 132, 106249.	0.7	7
165	MICRODOSIMETRIC UNDERSTANDING OF DOSE RESPONSE AND RELATIVE EFFICIENCY OF THERMOLUMINESCENCE DETECTORS. Radiation Protection Dosimetry, 2020, 192, 165-177.	0.4	7
166	New TL Detectors for Personal Neutron Dosimetry. Radiation Protection Dosimetry, 1993, 47, 419-423.	0.4	6
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