

Pawel Bilski

List of Publications by Year in descending order

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2218
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#	ARTICLE	IF	CITATIONS
1	Composite Detectors Based on Single-Crystalline Films and Single Crystals of Garnet Compounds. <i>Materials</i> , 2022, 15, 1249.	1.3	12
2	Microdosimetric modeling of the relative efficiency of the optical absorption of LiF:Mg,Ti (TLD-100) detectors exposed to 1H and 4He ions. <i>Radiation Measurements</i> , 2021, 145, 106594.	0.7	3
3	Popular Medicines as Radiation Sensors. <i>IEEE Sensors Journal</i> , 2021, 21, 16637-16643.	2.4	2
4	3D Dosimetry Based on LiMgPO ₄ OSL Silicone Foils: Facilitating the Verification of Eye-Ball Cancer Proton Radiotherapy. <i>Sensors</i> , 2021, 21, 6015.	2.1	8
5	New efficient OSL detectors based on the crystals of Ce ³⁺ doped Gd ₃ Al ₅ xGaxO ₁₂ mixed garnet. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 273, 115448.	1.7	5
6	Uniformity of Thermoluminescence and Optically Stimulated Luminescence Signals Over the Length of Doped LiMgPO ₄ Crystal Rods Grown by Micro-Pulling-Down Method. <i>Materials</i> , 2021, 14, 132.	1.3	0
7	The effect of lithium fluoride on the thermal stability and thermoluminescence properties of borosilicate glass and glass-ceramics. <i>Journal of the European Ceramic Society</i> , 2020, 40, 472-479.	2.8	15
8	TL, OSL and RL emission spectra of RE-doped LiMgPO ₄ crystals. <i>Journal of Luminescence</i> , 2020, 218, 116839.	1.5	22
9	Luminescent, Scintillation, and Photoconversion Properties of Micro-Pulling-Down-Grown Single Crystals of Ce ³⁺ -Doped Gd ₃ xLu _x Al ₅ yGa _y O ₁₂ Garnets. <i>Physica Status Solidi (B): Basic Research</i> , 2020, 257, 1900429.	0.7	1
10	Position of LiF:Mg,Cu,P TL peak as an alternative method for ultra-high-dose dosimetry. <i>Radiation Measurements</i> , 2020, 139, 106486.	0.7	4
11	Study of radioluminescence in LiMgPO ₄ doped with Tb, B and Tm. <i>Radiation Measurements</i> , 2020, 136, 106408.	0.7	3
12	MPD growth of single crystals of Ce ³⁺ doped Gd ₃ xLu _x Al ₅ yGa _y O ₁₂ mixed garnets and their luminescent, scintillation and photoconversion properties. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020, 262, 114751.	1.7	2
13	Scintillation and Energy-Storage Properties of Micro-Pulling-Down Grown Crystals of Sc ³⁺ - and La ³⁺ -Doped YAlO ₃ Perovskite. <i>Crystals</i> , 2020, 10, 385.	1.0	7
14	A new approach to the 2D radiation dosimetry based on optically stimulated luminescence of LiF:Mg,Cu,P. <i>Radiation Measurements</i> , 2020, 133, 106293.	0.7	16
15	LPE Growth of Composite Thermoluminescent Detectors Based on the Lu ₃ xGdxAl ₅ O ₁₂ :Ce Single Crystalline Films and YAG:Ce Crystals. <i>Crystals</i> , 2020, 10, 189.	1.0	10
16	Composition engineering of Tb ₃ -xGdxAl ₅ -yGayO ₁₂ :Ce single crystals and their luminescent, scintillation and photoconversion properties. <i>Journal of Alloys and Compounds</i> , 2020, 849, 155808.	2.8	12
17	Investigations of the influence of Am-241 photons on the measured alpha particle response of luminescent materials. <i>Radiation Measurements</i> , 2020, 134, 106331.	0.7	2
18	Comparison of optical absorption and thermoluminescence in LiF:Mg, Ti (TLD-100) following irradiation by high energy protons and ⁹⁰ Sr/ ⁹⁰ Y beta rays. <i>Radiation Measurements</i> , 2020, 132, 106249.	0.7	7

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19	Intrinsic and Dopant-Related Luminescence of Undoped and Tb Plus Tm Double-Doped Lithium Magnesium Phosphate (LiMgPO ₄ , LMP) Crystals. <i>Materials</i> , 2020, 13, 2032.	1.3	12
20	Range-based method of alpha-particle spectrometry using LiF fluorescent nuclear track detectors. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 160, 107837.	2.5	5
21	Two-dimensional radiation dosimetry based on LiMgPO ₄ powder embedded into silicone elastomer matrix. <i>Radiation Measurements</i> , 2020, 133, 106255.	0.7	19
22	MICRODOSIMETRIC UNDERSTANDING OF DOSE RESPONSE AND RELATIVE EFFICIENCY OF THERMOLUMINESCENCE DETECTORS. <i>Radiation Protection Dosimetry</i> , 2020, 192, 165-177.	0.4	7
23	Luminescent properties of Tb and Eu activated AxB _{1-x} AlO ₃ (A = Y, Lu, Gd; B = Lu; x = 0, 0.5, 1) mixed oxides crystals prepared by micro-pulling-down method. <i>Radiation Measurements</i> , 2019, 126, 106140.	0.7	8
24	OSL and RL of LiMgPO ₄ crystals doped with rare earth elements. <i>Radiation Measurements</i> , 2019, 129, 106205.	0.7	14
25	Thermoluminescence Enhancement of LiMgPO ₄ Crystal Host by Tb ³⁺ and Tm ³⁺ Trivalent Rare-Earth Ions Co-doping. <i>Materials</i> , 2019, 12, 2861.	1.3	27
26	Fluorescent imaging of heavy charged particle tracks with LiF single crystals. <i>Journal of Luminescence</i> , 2019, 213, 82-87.	1.5	20
27	Composite thermoluminescent detectors based on the Ce ³⁺ doped LuAG/YAG and YAG/LuAG epitaxial structures. <i>Radiation Measurements</i> , 2019, 128, 106124.	0.7	11
28	Luminescent and Scintillation Properties of CeAlO ₃ Crystals and Phase-Separated CeAlO ₃ /CeAl ₁₁ O ₁₈ Metamaterials. <i>Crystals</i> , 2019, 9, 296.	1.0	7
29	The effect of CeO ₂ on the thermal stability, structure and thermoluminescence and optically stimulated luminescence properties of barium borate glass. <i>Journal of Non-Crystalline Solids</i> , 2019, 517, 61-69.	1.5	18
30	OPTICALLY STIMULATED LUMINESCENCE OF LiF:Mg,Cu,P POWDER—INFLUENCE OF THERMAL TREATMENT. <i>Radiation Protection Dosimetry</i> , 2019, 186, 488-495.	0.4	8
31	Luminescent properties of undoped and Ce ³⁺ doped crystals in Y ₂ O ₃ Lu ₂ O ₃ Al ₂ O ₃ triple oxide system grown by micro-pulling-down method. <i>Optical Materials</i> , 2019, 89, 408-413.	1.7	12
32	Luminescent properties of LiF crystals for fluorescent imaging of nuclear particles tracks. <i>Optical Materials</i> , 2019, 90, 1-6.	1.7	7
33	Optically stimulated luminescence of LiF:Mg,Cu,P with different dopant concentrations. <i>Radiation Measurements</i> , 2019, 123, 58-62.	0.7	15
34	Thermoluminescent Dosimetry of Cosmic Radiation in Space. , 2019, , 285-317.		0
35	Optical and thermal pre-readout treatments to reduce the influence of fading on LiMgPO ₄ OSL measurements. <i>Applied Radiation and Isotopes</i> , 2018, 136, 118-120.	0.7	12
36	IMAGING OF PROTON BRAGG PEAKS IN LiF. <i>Radiation Protection Dosimetry</i> , 2018, 178, 333-336.	0.4	10

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37	High-Dose TL Dosimetry of Reactor Neutrons. Radiation Protection Dosimetry, 2018, 180, 235-239.	0.4	3
38	Proton induced target fragmentation studies on solid state nuclear track detectors using Carbon radiators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 888, 196-201.	0.7	5
39	OSL dosimetric properties and efficiency of Brazilian natural calcium fluoride pellets. Applied Radiation and Isotopes, 2018, 135, 166-170.	0.7	10
40	Thermoluminescent response of differently doped lithium magnesium phosphate (LiMgPO ₄ , LMP) crystals to protons, neutrons and alpha particles. Radiation Measurements, 2018, 113, 14-19.	0.7	23
41	LITHIUM FLUORIDE CRYSTALS AS FLUORESCENT NUCLEAR TRACK DETECTORS. Radiation Protection Dosimetry, 2018, 178, 337-340.	0.4	16
42	Intrinsic and defect-related luminescence of YAlO ₃ and LuAlO ₃ single crystals and films. Optical Materials, 2018, 86, 376-381.	1.7	18
43	Thermally induced fading of Mn-doped YAP nanoceramics. Journal of Physics: Conference Series, 2018, 987, 012009.	0.3	6
44	Detection of neutrons with LiF fluorescent nuclear track detectors. Radiation Measurements, 2018, 116, 35-39.	0.7	16
45	Thermoluminescent Properties of Cerium-Doped Lu ₂ SO ₅ and Y ₂ SiO ₅ Single Crystalline Films Scintillators Grown from PbO-B ₂ O ₃ and Bi ₂ O ₃ Fluxes. Crystals, 2018, 8, 120.	1.0	5
46	THE 13TH SYMPOSIUM ON NEUTRON AND ION DOSIMETRY NEUDOS-13. Radiation Protection Dosimetry, 2018, 180, 1-2.	0.4	2
47	Photoluminescence and Thermoluminescence of the Oxygen-Deficient YAG, YAP, and YAM Phosphors. Acta Physica Polonica A, 2018, 133, 977-980.	0.2	11
48	OSL signal of IC chips from mobile phones for dose assessment in accidental dosimetry. Radiation Measurements, 2017, 98, 1-9.	0.7	14
49	Comparative studies on OSL properties of LiMgPO ₄ :Tb,B powders and crystals. Radiation Measurements, 2017, 106, 94-99.	0.7	25
50	Analysis of TL and OSL kinetics in lithium magnesium phosphate crystals. Radiation Measurements, 2017, 106, 100-106.	0.7	21
51	Dose estimation based on OSL signal from banknotes in accident dosimetry. Radiation Measurements, 2017, 101, 1-6.	0.7	7
52	Luminescent properties of Tm 3d ⁿ Lu x Al 5 O 12 :Ce single crystalline films. Optical Materials, 2017, 69, 444-448.	1.7	2
53	Radiophotoluminescence spectra of lithium fluoride TLDs after exposures to different radiation modalities. Radiation Measurements, 2017, 97, 14-19.	0.7	14
54	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

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55	Study of impurities in alpha-Al ₂ O ₃ powders and crystals using EPR spectroscopy. Chinese Journal of Physics, 2017, 55, 2100-2105.	2.0	2
56	A simplified numerical approach to non-radiation induced high-temperature signals in thermoluminescence. GlowVIEW – a useful tool for a multiple glow-curve analysis. Radiation Measurements, 2017, 107, 102-110.	0.7	31
57	Thermoluminescence kinetics of undoped and doped (Ti, Cu, Ce) lithium aluminate crystals. Radiation Measurements, 2017, 106, 107-112.	0.7	7
58	DOSIS & DOSIS 3D: radiation measurements with the DOSTEL instruments onboard the Columbus Laboratory of the ISS in the years 2009–2016. Journal of Space Weather and Space Climate, 2017, 7, A8.	1.1	44
59	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
60	Two-dimensional thermoluminescence method for checking LiF crystals homogeneity. Journal of Crystal Growth, 2017, 457, 320-324.	0.7	6
61	LPE Growth of Single Crystalline Film Scintillators Based on Ce ³⁺ Doped Tb _{3-x} Gd _x Al _{5-y} Ga _y O ₁₂ Mixed Garnets. Crystals, 2017, 7, 262.	1.0	13
62	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
63	Composition engineering of single crystalline films based on the multicomponent garnet compounds. Optical Materials, 2016, 61, 3-10.	1.7	12
64	Luminescent and scintillation properties of the Pr ³⁺ doped single crystalline films of Lu ₃ Al _{5-x} Ga _x O ₁₂ garnet. Radiation Measurements, 2016, 90, 183-187.	0.7	3
65	Aluminum and Gallium Substitution in Yttrium and Lutetium Aluminum–Gallium Garnets: Investigation by Single-Crystal NMR and TSL Methods. Journal of Physical Chemistry C, 2016, 120, 24400-24408.	1.5	51
66	Luminescent and scintillation properties of Sc ³⁺ and La ³⁺ doped Y ₂ SiO ₅ powders and single crystalline films. Journal of Luminescence, 2016, 179, 445-450.	1.5	6
67	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
68	Luminescent and scintillation properties of YAG:Dy and YAG:Dy,Ce single crystalline films. Radiation Measurements, 2016, 90, 308-313.	0.7	5
69	Influence of cosmic radiation spectrum and its variation on the relative efficiency of LiF thermoluminescent detectors – Calculations and measurements. Radiation Measurements, 2016, 88, 33-40.	0.7	6
70	Evaluation of the relative TL efficiency of the thermoluminescent detectors to heavy charged particles. Radiation Protection Dosimetry, 2016, 168, 27-32.	0.4	10
71	Growth and luminescent properties of scintillators based on the single crystalline films of (Lu,Gd) ₃ (Al,Ga) ₅ O ₁₂ :Ce garnets. Journal of Luminescence, 2016, 169, 828-837.	1.5	25
72	Thermoluminescence and optically stimulated luminescence studies on LiMgPO ₄ crystallized by micro pulling down technique. Radiation Measurements, 2016, 85, 88-92.	0.7	31

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73	Investigations of OSL properties of LiMgPO ₄ :Tb,B based dosimeters. Radiation Measurements, 2016, 90, 265-268.	0.7	30
74	New OSL detectors based on LiMgPO ₄ crystals grown by micro pulling down method. Dosimetric properties vs. growth parameters. Radiation Measurements, 2016, 90, 303-307.	0.7	20
75	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
76	High-performance Ce-doped multicomponent garnet single crystalline film scintillators. Physica Status Solidi - Rapid Research Letters, 2015, 9, 489-493.	1.2	41
77	Cosmic radiation exposure of biological test systems during the EXPOSE-R mission. International Journal of Astrobiology, 2015, 14, 27-32.	0.9	14
78	Sensitivity changes of LiF:Mg,Ti and LiF:Mg,Cu,P TL detectors after proton exposures. Radiation Measurements, 2015, 74, 26-30.	0.7	6
79	Characterization of the RisÅ TL/OSL DA-20 reader for application in TL dosimetry. Radiation Measurements, 2015, 74, 1-5.	0.7	24
80	Growth and luminescent properties of scintillators based on the single crystalline films of Lu ₃ Al ₅ O ₁₂ :Ce garnet. Materials Research Bulletin, 2015, 64, 355-363.	2.7	30
81	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
82	Glinian litu - nowy detektor dozymetryczny. Przegląd Elektrotechniczny, 2015, 1, 119-122.	0.1	0
83	Some features of YAlO ₃ :Mn-based crystalline and ceramic TL detectors. , 2014, , .		3
84	TL and OSL properties of LiMgPO ₄ :Tb,B. , 2014, , .		0
85	OSL properties of lithium aluminate crystals grown with Micro-Pulling-Down technique. , 2014, , .		0
86	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
87	Thermoluminescence properties of LSO:Ce and YSO:Ce films grown from PbO and Bi ₂ O ₃ fluxes. , 2014, , .		0
88	Dosimetric properties and stability of thermoluminescent foils made from LiF:Mg,Cu,P or CaSO ₄ :Dy during long-term use. Radiation Physics and Chemistry, 2014, 104, 212-215.	1.4	9
89	Radial distribution of dose within heavy charged particle tracks – Models and experimental verification using LiF:Mg,Cu,P TL detectors. Radiation Measurements, 2014, 71, 242-246.	0.7	6
90	OSL signal of lithium fluoride and its relationship with TL glow-curves. Radiation Measurements, 2014, 71, 61-64.	0.7	25

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91	Analysis of TL and OSL kinetics of lithium aluminate. Radiation Measurements, 2014, 71, 143-147.	0.7	24
92	Luminescent and scintillation properties of YAG:Tm and YAG:Ce,Tm single crystalline films. Optical Materials, 2014, 36, 1685-1687.	1.7	4
93	Organic-inorganic detectors with Al ₂ O ₃ :C microcrystallites. Radiation Measurements, 2014, 71, 174-177.	0.7	2
94	Comparison of commercial thermoluminescent readers regarding high-dose high-temperature measurements. Radiation Measurements, 2014, 65, 8-13.	0.7	46
95	Luminescent properties of Mn-doped Y ₃ Al ₅ O ₁₂ single crystalline films. Optical Materials, 2014, 36, 1680-1684.	1.7	6
96	Relative TL and OSL efficiency to protons of various dosimetric materials. Radiation Protection Dosimetry, 2014, 161, 112-115.	0.4	8
97	Thermoluminescent Properties of Undoped and Ce-Doped Lutetium Orthosilicate and Yttrium Orthosilicate Single Crystals and Single Crystalline Films Scintillators. IEEE Transactions on Nuclear Science, 2014, 61, 276-281.	1.2	6
98	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
99	On LiF:Mg,Cu,P and LiF:Mg,Ti phosphors high & ultra-high dose features. Radiation Measurements, 2014, 71, 25-30.	0.7	19
100	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
101	Retrospective radiation dosimetry using OSL of electronic components: Results of an inter-laboratory comparison. Radiation Measurements, 2014, 71, 475-479.	0.7	70
102	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
103	Thermoluminescence measurements of neutron streaming through JET Torus Hall ducts. Fusion Engineering and Design, 2014, 89, 2235-2240.	1.0	21
104	Radio-photoluminescence of highly irradiated LiF:Mg,Ti and LiF:Mg,Cu,P detectors. Radiation Measurements, 2014, 71, 31-35.	0.7	15
105	Properties of lithium aluminate for application as an OSL dosimeter. Radiation Physics and Chemistry, 2014, 104, 76-79.	1.4	24
106	Investigation of OSL signal of resistors from mobile phones for accidental dosimetry. Radiation Measurements, 2014, 71, 466-470.	0.7	25
107	OSL dosimetric properties of cerium doped lutetium orthosilicates. Radiation Measurements, 2014, 71, 139-142.	0.7	14
108	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

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109	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
110	Photoluminescence measurements of LiF TL detectors. Radiation Measurements, 2013, 56, 209-212.	0.7	17
111	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
112	Dose reassessment by using PTTL method in MTS-N (LiF:Mg, Ti) thermoluminescent detectors. Radiation Measurements, 2013, 56, 389-392.	0.7	7
113	Thermoluminescence fading studies: Implications for long-duration space measurements in Low Earth Orbit. Radiation Measurements, 2013, 56, 303-306.	0.7	11
114	Relative thermoluminescent efficiency of LiF detectors for proton radiation: Batch variability and energy dependence. Radiation Measurements, 2013, 56, 205-208.	0.7	11
115	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
116	Comparative study of TL and OSL properties of LSO and LSO:Ce single crystals and single crystalline films. Radiation Measurements, 2013, 56, 196-199.	0.7	9
117	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
118	TSL properties of Y_2SiO_5 and $\text{Y}_2\text{SiO}_5\text{:Ce}$ ($\text{A}=\text{Y}, \text{Lu}$) single crystals and single crystalline films. , 2012, , .		0
119	Cosmic Radiation Exposure of Biological Test Systems During the EXPOSE-E Mission. Astrobiology, 2012, 12, 387-392.	1.5	46
120	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
121	Luminescent properties of $\text{YAlO}_3\text{:Mn}$ single crystalline films. Optical Materials, 2012, 34, 1979-1983.	1.7	8
122	Peculiarities of luminescent and scintillation properties of YAG:Ce phosphor prepared in different crystalline forms. Optical Materials, 2012, 34, 1314-1319.	1.7	35
123	Photoluminescence of gamma-, proton- and alpha-irradiated LiF detectors. Open Physics, 2012, 10, .	0.8	6
124	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
125	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
126	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

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127	Calculation of the relative efficiency of thermoluminescent detectors to space radiation. Radiation Measurements, 2011, 46, 1728-1731.	0.7	10
128	Response of TL lithium fluoride detectors (MTS) to high gamma radiation doses. Radiation Measurements, 2011, 46, 1878-1881.	0.7	8
129	The new EYE-Dâ„¢ dosemeter for measurements of HP(3) for medical staff. Radiation Measurements, 2011, 46, 1239-1242.	0.7	71
130	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
131	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
132	A new cylindrical phantom for eye lens dosimetry development. Radiation Measurements, 2011, 46, 1231-1234.	0.7	53
133	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
134	Eye lens dosimetry: task 2 within the ORAMED project. Radiation Protection Dosimetry, 2011, 144, 473-477.	0.4	26
135	Dose perturbation behind tantalum clips in ocular proton therapy. Radiation Measurements, 2010, 45, 694-697.	0.7	9
136	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
137	Spectrally resolved thermoluminescence of highly irradiated LiF:Mg,Cu,P detectors. Radiation Measurements, 2010, 45, 579-582.	0.7	18
138	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
139	Thermoluminescent method for the measurements of tritium production in neutronics experiments. Radiation Measurements, 2010, 45, 736-738.	0.7	3
140	Characterization of YAIO3:Mn2+ thermoluminescent detectors. Radiation Measurements, 2010, 45, 516-518.	0.7	41
141	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
142	Relative efficiency of TL detectors to energetic ion beams. Radiation Measurements, 2010, 45, 1495-1498.	0.7	27
143	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
144	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

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145	Liquid-crystalline phases formed by symmetrical azines with different terminal chains: Thermal, optical and electrical study. <i>Synthetic Metals</i> , 2010, 160, 859-865.	2.1	22
146	Aliphatic- π -aromatic poly(azomethine)s with ester groups as thermotropic materials for opto(electronic) applications. <i>Synthetic Metals</i> , 2010, 160, 1856-1867.	2.1	37
147	Development of a Method for Passive Measurement of Radiation Doses at Ultra-High Dose Range. <i>IEEE Transactions on Nuclear Science</i> , 2009, 56, 3759-3763.	1.2	31
148	Astronaut's Organ Doses Inferred from Measurements in a Human Phantom Outside the International Space Station. <i>Radiation Research</i> , 2009, 171, 225-235.	0.7	116
149	Spectrally resolved thermoluminescence and the surface fitting analysis. An application to LiF:Mg,Cu,P. <i>Optical Materials</i> , 2008, 30, 696-698.	1.7	4
150	Sensitivity loss and recovery for individual TL peaks in LiF:Mg,Ti and LiF:Mg,Cu,P after high-dose irradiation. <i>Radiation Measurements</i> , 2008, 43, 357-360.	0.7	27
151	Characteristics of LiF:Mg,Cu,P thermoluminescence at ultra-high dose range. <i>Radiation Measurements</i> , 2008, 43, 315-318.	0.7	58
152	The response of different types of TL lithium fluoride detectors to high-energy mixed radiation fields. <i>Radiation Measurements</i> , 2008, 43, 1144-1148.	0.7	25
153	An improved method of estimating ionisation density using TLDs. <i>Radiation Measurements</i> , 2008, 43, 679-682.	0.7	14
154	Measurements and Monte Carlo simulations of the response of the RADOS personal dosimeters with MTS-N (LiF:Mg,Ti) and MCP-N (LiF:Mg,Cu,P) thermoluminescent detectors to X- and gamma-rays. <i>Radiation Measurements</i> , 2008, 43, 616-620.	0.7	11
155	Natural radiation and its hazard in copper ore mines in Poland. <i>Acta Geophysica</i> , 2008, 56, 505-517.	1.0	6
156	Development of a method of passive measurement of radiation doses at ultra-high dose range. , 2008, , .		0
157	Validation of modelling the radiation exposure due to solar particle events at aircraft altitudes. <i>Radiation Protection Dosimetry</i> , 2008, 131, 51-58.	0.4	19
158	The problems associated with the monitoring of complex workplace radiation fields at European high-energy accelerators and thermonuclear fusion facilities. <i>Radiation Protection Dosimetry</i> , 2007, 126, 491-496.	0.4	9
159	Thermoluminescence glow peak parameters for LiF:Mg,Ti with modified activator concentration. <i>Radiation Measurements</i> , 2007, 42, 601-604.	0.7	12
160	Thermoluminescent properties of CVD diamonds for radiation protection and radiotherapy applications. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2007, 204, 3036-3040.	0.8	6
161	High-dose characterization of different LiF phosphors. <i>Radiation Measurements</i> , 2007, 42, 582-585.	0.7	26
162	On the relationship between dose-, energy- and LET-response of thermoluminescent detectors. <i>Radiation Protection Dosimetry</i> , 2006, 119, 15-22.	0.4	28

#	ARTICLE	IF	CITATIONS
163	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
164	GlowFit—a new tool for thermoluminescence glow-curve deconvolution. Radiation Measurements, 2006, 41, 659-664.	0.7	230
165	Response of various LiF thermoluminescent detectors to high energy ions — Results of the ICCHIBAN experiment. Nuclear Instruments & Methods in Physics Research B, 2006, 251, 121-126.	0.6	40
166	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
167	Analysis of spectrally resolved thermoluminescence of LiF:Mg,Cu,P detectors by the surface fitting method using algorithm for unrestricted peak positions. Radiation Protection Dosimetry, 2006, 119, 89-92.	0.4	4
168	Dosimetry of densely ionising radiation with three LiF phosphors for space applications. Radiation Protection Dosimetry, 2006, 120, 397-400.	0.4	25
169	Absorbed dose measurements of a handheld 50 kVP X-ray source in water with thermoluminescence dosimeters. Radiation Protection Dosimetry, 2006, 120, 78-82.	0.4	10
170	On the dose response of some CVD diamond thermoluminescent detectors. Radiation Protection Dosimetry, 2006, 119, 319-322.	0.4	8
171	Microdosimetric modelling of the response of thermoluminescence detectors to low- and high-LET ionising radiation. Radiation Protection Dosimetry, 2006, 122, 378-381.	0.4	4
172	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
173	Mn-doped YAlO ₃ crystal: a new potential TLD phosphor. Nuclear Instruments & Methods in Physics Research B, 2005, 227, 545-550.	0.6	74
174	Dosimetry of BNCT beams with novel thermoluminescent detectors. Radiation Protection Dosimetry, 2004, 110, 623-626.	0.4	3
175	Investigations of doses on board commercial passenger aircraft using CR-39 and thermoluminescent detectors. Radiation Protection Dosimetry, 2004, 110, 377-380.	0.4	5
176	Dosimetry of heavy charged particles with thermoluminescence detectors—models and applications. Radiation Protection Dosimetry, 2004, 110, 315-318.	0.4	10
177	Surface fitting—a new tool for spectrally resolved thermoluminescence analysis. Radiation Measurements, 2004, 38, 793-797.	0.7	4
178	Post-Dilatation Intravascular Brachytherapy Trials on Hypercholesterolemic Rabbits Using ³² P-Phosphate Solutions in Angioplasty Balloons. CardioVascular and Interventional Radiology, 2004, 27, 42-50.	0.9	4
179	LiF:Mg,Ti (MTT) TL Detectors optimised for high-LET radiation dosimetry. Radiation Measurements, 2004, 38, 427-430.	0.7	27
180	Measurement of 2-D dose distributions by large-area thermoluminescent detectors. Radiation Measurements, 2004, 38, 833-837.	0.7	17

#	ARTICLE	IF	CITATIONS
181	Physical and chemical limitations to preparation of beta radioactive stents by direct neutron activation. <i>Biomaterials</i> , 2003, 24, 427-433.	5.7	7
182	CVD diamond wafers as large-area thermoluminescence detectors for measuring the spatial distribution of dose. <i>Physica Status Solidi A</i> , 2003, 199, 119-124.	1.7	11
183	Lithium Fluoride: From LiF:Mg,Ti to LiF:Mg,Cu,P. <i>Radiation Protection Dosimetry</i> , 2002, 100, 199-205.	0.4	117
184	Investigation of Radiation Doses in Open Space using TLD Detectors. <i>Radiation Protection Dosimetry</i> , 2002, 100, 533-536.	0.4	11
185	Characterisation of Thermoluminescent LiF:Mg,Ti (MTS-N) Detectors in the 85-550 K Temperature Range. <i>Radiation Protection Dosimetry</i> , 2002, 100, 297-300.	0.4	3
186	TL Emission Spectra from Differently Doped LiF:Mg Detectors. <i>Radiation Protection Dosimetry</i> , 2002, 100, 451-454.	0.4	18
187	Validation of a Radiotherapy Treatment Planning System using an Anthropomorphic Phantom and MTS-N Thermoluminescent Detectors. <i>Radiation Protection Dosimetry</i> , 2002, 101, 477-480.	0.4	1
188	Microdosimetric Interpretation of the Photon Energy Response of LiF:Mg,Ti Detectors. <i>Radiation Protection Dosimetry</i> , 2002, 100, 119-122.	0.4	41
189	Miniature Thermoluminescent Detectors for Dosimetry in Radiotherapy. <i>Radiation Protection Dosimetry</i> , 2002, 101, 473-476.	0.4	9
190	Modeling the Response of Thermoluminescence Detectors Exposed to Low- and High-LET Radiation Fields. <i>Journal of Radiation Research</i> , 2002, 43, S59-S62.	0.8	24
191	Response of TL Dosimeters to Cosmic Radiation On Board Passenger Aircraft. <i>Radiation Protection Dosimetry</i> , 2002, 100, 549-552.	0.4	3
192	A Study of the Thermoluminescent Properties of CVD Diamond Detectors. <i>Physica Status Solidi A</i> , 2002, 193, 470-475.	1.7	16
193	Post-stenting Intravascular Brachytherapy Trials on Hypercholesterolemic Rabbits Using ³² P Liquid Sources: Implications for Prevention of In-Stent Restenosis. <i>CardioVascular and Interventional Radiology</i> , 2002, 25, 307-313.	0.9	4
194	Thermoluminescence dosimetry of liquid sources of variable size and composition. <i>Radiation Measurements</i> , 2002, 35, 245-249.	0.7	3
195	Dosimetric properties of sintered TL detectors. <i>Radiation Measurements</i> , 2001, 33, 537-540.	0.7	11
196	Dosimetry properties of Tm-doped single CaF ₂ crystals. <i>Radiation Measurements</i> , 2001, 33, 571-576.	0.7	14
197	Self-attenuation of TL light from LiF:Ca – a comparison of different experimental methods. <i>Radiation Measurements</i> , 2001, 33, 679-685.	0.7	17
198	Supralinearity of peak 4 and 5 in thermoluminescent lithium fluoride MTS-N () detectors at different Mg and Ti concentration. <i>Radiation Measurements</i> , 2001, 33, 807-812.	0.7	16

#	ARTICLE	IF	CITATIONS
199	Influence of UV Light on the Thermoluminescence of CVD Diamond Detectors Irradiated by Ionizing Radiation. <i>Physica Status Solidi A</i> , 2001, 185, 183-189.	1.7	11
200	Dosimetry of low-energy protons and light ions. <i>Physics in Medicine and Biology</i> , 2001, 46, 473-485.	1.6	12
201	Thermoluminescence dosimetry in evaluation of liquid ³² P sources for intravascular brachytherapy. <i>Radiation Measurements</i> , 2000, 32, 205-210.	0.7	7
202	Modelling of the Thermoluminescence Response of LiF:Mg,Cu,P (MCP-N) Detectors after Doses of Low-Energy Photons. <i>Radiation Protection Dosimetry</i> , 1999, 84, 103-107.	0.4	23
203	Optimisation of LiF:Mg,Ti Detectors for Dosimetry in Proton Radiotherapy. <i>Radiation Protection Dosimetry</i> , 1999, 85, 367-371.	0.4	4
204	Characterisation of the Low-Energy X Ray Response of Polish TLDs to Synchrotron Radiation and the Determination of Some TLD Quantities. <i>Radiation Protection Dosimetry</i> , 1999, 84, 169-173.	0.4	6
205	Proton Irradiation of ⁷ LiF:Mg,Ti Thermoluminescent Detectors: Influence of Dopant Concentration on Dose Response and LET Dependence of TL Efficiency. <i>Radiation Protection Dosimetry</i> , 1999, 84, 179-184.	0.4	5
206	Application of Individually Calibrated Solid LiF,Ti (MTS-N) Detectors in Clinical Dosimetry. <i>Radiation Protection Dosimetry</i> , 1999, 85, 377-380.	0.4	15
207	Estimation of the Time Elapsed Between Exposure and Readout Using Peak Ratios of LiF:Mg,Cu,P (MCP-N,GR200A). <i>Radiation Protection Dosimetry</i> , 1999, 85, 149-152.	0.4	8
208	Influence of concentration of magnesium on the dose response and LET-dependence of TL efficiency in LiF:Mg,Cu,P (MCP-N) detectors. <i>Radiation Measurements</i> , 1998, 29, 355-359.	0.7	27
209	Investigation of Efficiency of Thermoluminescence Detectors for Particle Therapy Beams. <i>Radiation Protection Dosimetry</i> , 1997, 70, 501-504.	0.4	20
210	Dependence of LiF:Mg,Cu,P (MCP-N) Glow-Curve Structure on Dopant Composition and Thermal Treatment. <i>Radiation Protection Dosimetry</i> , 1997, 69, 187-198.	0.4	38
211	Properties of Different Thin-Layer LiF:Mg,Cu,P TL Detectors for Beta Dosimetry. <i>Radiation Protection Dosimetry</i> , 1996, 66, 101-104.	0.4	12
212	Thermoluminescence Properties of LiF(Mg,Cu,P) with Different Cu Concentrations. <i>Radiation Protection Dosimetry</i> , 1996, 65, 199-202.	0.4	20
213	A Systematic Evaluation of The Dependence of Glow Curve Structure on the Concentration of Dopants in LiF:Mg,Cu,P. <i>Radiation Protection Dosimetry</i> , 1996, 65, 195-198.	0.4	33
214	Comparison of LiF:Mg,Cu,P. (MCP-N, GR-200A) and Alpha-Al ₂ O ₃ :C TL Detectors in Short-Term Measurements of Natural Radiation. <i>Radiation Protection Dosimetry</i> , 1996, 66, 157-160.	0.4	11
215	Thermoluminescence emission characteristics of LiF(Mg,Cu,P) with different dopant concentrations. <i>Radiation Measurements</i> , 1995, 24, 411-416.	0.7	26
216	Ultra-thin LiF:Mg,Cu,P detectors for beta dosimetry. <i>Radiation Measurements</i> , 1995, 24, 439-443.	0.7	35

#	ARTICLE	IF	CITATIONS
217	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
218	Microdosimetric Analysis of the Response of LiF Thermoluminescent Detectors for Radiations of Different Qualities. Radiation Protection Dosimetry, 1994, 52, 405-408.	0.4	13
219	Microdosimetric Analysis of the Response of LiF Thermoluminescent Detectors for Radiations of Different Qualities. Radiation Protection Dosimetry, 1994, 52, 405-408.	0.4	2
220	Dosimetric Characteristics of LiF:Mg,Cu,P Phosphors - A Track Structure Interpretation. Radiation Protection Dosimetry, 1993, 47, 53-58.	0.4	21
221	New TL Detectors for Personal Neutron Dosimetry. Radiation Protection Dosimetry, 1993, 47, 419-423.	0.4	6
222	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
223	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	5
224	New TL Detectors for Personal Neutron Dosimetry. Radiation Protection Dosimetry, 1993, 47, 419-423.	0.4	2