

Marcelino Barboza-Flores

List of Publications by Year in descending order

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142
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1,836
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331670

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143
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143
docs citations

143
times ranked

1985
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical properties and functional groups characterization of commercial HPHT micro-diamond samples. <i>Optical Materials</i> , 2022, 131, 112592.	3.6	5
2	Identification of refractory zirconia from catalytic converters in dust: An emerging pollutant in urban environments. <i>Science of the Total Environment</i> , 2021, 760, 143384.	8.0	7
3	Metal bioaccessibility, particle size distribution and polydispersity of playground dust in synthetic lysosomal fluids. <i>Science of the Total Environment</i> , 2020, 713, 136481.	8.0	24
4	Thermoluminescence response of detonation diamond microparticles exposed to beta and alpha radiation. <i>Diamond and Related Materials</i> , 2020, 106, 107823.	3.9	2
5	Thermoluminescence and infrared stimulated luminescence in long persistent monoclinic SrAl ₂ O ₄ :Eu ²⁺ ,Dy ³⁺ and SrAl ₂ O ₄ :Eu ²⁺ ,Nd ³⁺ phosphors. <i>Optical Materials</i> , 2019, 92, 46-52.	3.6	33
6	Improved Method of Study on the Photothermal Effect of Plasmonic Nanoparticles by Dynamic IR Thermography. <i>Plasmonics</i> , 2019, 14, 935-944.	3.4	4
7	Afterglow, thermoluminescence and optically stimulated luminescence characterization of micro-, nano- and ultrananocrystalline diamond films grown on silicon by HFCVD. <i>Diamond and Related Materials</i> , 2018, 85, 117-124.	3.9	13
8	X-ray Thermoluminescence Dosimetry Characterization of Commercially Available CVD Diamond. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1800246.	1.8	3
9	Raman and Thermoluminescence Studies of HPHT Synthetic Nanodiamond Powders. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1800267.	1.8	2
10	Nanoscale dose deposition in cell structures under X-ray irradiation treatment assisted with nanoparticles: An analytical approach to the relative biological effectiveness. <i>Applied Radiation and Isotopes</i> , 2018, 138, 50-55.	1.5	4
11	Thermally and optically stimulated luminescence in long persistent orthorhombic strontium aluminates doped with Eu, Dy and Eu, Nd. <i>Optical Materials</i> , 2017, 67, 91-97.	3.6	17
12	Micro-Structures of Nanodiamonds Grown on Silicon by Hot Filament Chemical Vapor Deposition. <i>International Journal of Chemical Reactor Engineering</i> , 2017, 15, .	1.1	0
13	Hollow Au-Ag bimetallic nanoparticles with high photothermal stability. <i>RSC Advances</i> , 2016, 6, 41304-41312.	3.6	29
14	Photoluminescence enhancement from GaN by beryllium doping. <i>Optical Materials</i> , 2016, 60, 398-403.	3.6	8
15	Thermally stimulated luminescence and persistent luminescence of ¹³⁷ Cs-irradiated YAG:Pr ³⁺ nanophosphors produced by combustion synthesis. <i>Radiation Measurements</i> , 2016, 94, 35-40.	1.4	8
16	Magnetite Nanoparticles Functionalized with Vitamin E Analogues: Anticancer Effects. <i>Materials Today: Proceedings</i> , 2016, 3, 703-707.	1.8	1
17	Thermoluminescence studies on HPHT diamond crystals exposed to ¹³⁷ Cs-irradiation. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 2507-2511.	1.8	3
18	Carboxylated nanodiamond and reoxygenation process of gamma irradiated red blood cells. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 2437-2444.	1.8	8

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19	Measurement of scientific research performance at the Universidad De Sonora, México. , 2015, , .		4
20	Effect of Au/SiO ₂ substrate on the structural and optical properties of gallium nitride grown by CVD. Bulletin of Materials Science, 2014, 37, 1625-1630.	1.7	2
21	In x Ga1âˆ“x N fibres grown on Au/SiO ₂ by chemical vapour deposition. Bulletin of Materials Science, 2014, 37, 1597-1602.	1.7	2
22	Synthesis and characterization of highly luminescent beryllium nitride. Materials Letters, 2014, 132, 179-181.	2.6	6
23	Persistent luminescence, TL and OSL characterization of beta irradiated SrAl ₂ O ₄ :Eu ²⁺ , Dy ³⁺ combustion synthesized phosphor. Nuclear Instruments & Methods in Physics Research B, 2014, 326, 99-102.	1.4	14
24	AG, TL, and IRSL dosimetric properties in Xâ€ray irradiated HPHT diamond crystals. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2359-2362.	1.8	4
25	Dose enhancing behavior of hydrothermally grown Eu-doped SnO ₂ nanoparticles. Journal of Applied Physics, 2013, 113, .	2.5	24
26	Afterglow and thermoluminescence properties in <sc>HPHT</sc> diamond crystals under beta irradiation. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 2088-2094.	1.8	5
27	Assessment of OEP health's risk in nuclear medicine. , 2012, , .		0
28	Luminescence and Structure of ZnO Grown by Physical Vapor Deposition. Advances in Materials Science and Engineering, 2012, 2012, 1-5.	1.8	13
29	Analytical approximation of the nanoscale dose distribution in an irradiated medium with an embedded nanoparticle. Journal of Physics: Conference Series, 2012, 393, 012035.	0.4	0
30	A novel fitting method for evaluating the thermal quenching parameters of TL with an application to undoped CVD diamond. Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 1779-1785.	1.8	2
31	Hydrothermally Grown Ultra-Fine SnO ₂ and SnO ₂ :Ag Nanoparticles and Their Optical Characteristics. Science of Advanced Materials, 2012, 4, 591-596.	0.7	6
32	Photoluminescence and Raman Scattering in Ag-doped ZnO Nanoparticles. Journal of Applied Physics, 2011, 109, .	2.5	254
33	Highly reproducible synthesis of hollow gold nanospheres with near infrared surface plasmon absorption using PVP as stabilizing agent. Journal of Materials Chemistry, 2011, 21, 2344-2350.	6.7	85
34	SERS spectroscopy and SERS imaging of Shewanella oneidensis using silver nanoparticles and nanowires. Chemical Communications, 2011, 47, 4129.	4.1	79
35	Persistent luminescence and thermoluminescence of UV/VIS -irradiated SrAl ₂ O ₄ : Eu ²⁺ , Dy ³⁺ phosphor. Radiation Measurements, 2011, 46, 1417-1420.	1.4	11
36	Dose effects on the long persistent luminescence properties of beta irradiated SrAl ₂ O ₄ :Eu ²⁺ , Dy ³⁺ phosphor. Radiation Measurements, 2010, 45, 311-313.	1.4	8

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37	Dose rate effects on the performance of MWCVD diamond films as TL gamma radiation dosimeter. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010, 207, 1944-1948.	1.8	4
38	Heating rate effects on the TL characteristics of hot filament CVD diamond film. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010, 207, 2114-2118.	1.8	1
39	Dosimetric Assessment of Mono-Crystalline CVD Diamonds Exposed to Beta and Ultraviolet Radiation. <i>Materials Research Society Symposia Proceedings</i> , 2009, 1203, 1.	0.1	0
40	KCl: Eu ²⁺ as a solar UV-C radiation dosimeter. Optically stimulated luminescence and thermoluminescence analyses. <i>Journal of Rare Earths</i> , 2009, 27, 579-583.	4.8	13
41	Correlation between thermally and optically stimulated luminescence in beta-irradiated undoped CVD diamond. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009, 206, 2098-2102.	1.8	2
42	Thermoluminescence assessment of 0.5, 1.0 and 4.0 µm thick HFCVD undoped diamond films. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009, 206, 2103-2108.	1.8	12
43	Preliminary results on the identification of ultraviolet and beta radiation exposure in KCl:Eu ²⁺ single crystals by thermoluminescence. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2009, 267, 2870-2873.	1.4	4
44	Temperature dependence of persistent luminescence in ¹²⁵ I-irradiated SrAl ₂ O ₄ :Eu ²⁺ , Dy ³⁺ phosphor. <i>Journal of Luminescence</i> , 2009, 129, 679-685.	3.1	30
45	Thermoluminescence kinetic parameters of microwave chemically vapour-deposited diamond films at different gamma dose rates. <i>Radiation Effects and Defects in Solids</i> , 2009, 164, 211-217.	1.2	1
46	Thermoluminescence and Optically Stimulated Luminescence Properties of TiO ₂ :Yb Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 1851-1857.	0.9	5
47	Thermoluminescence properties of undoped and nitrogen-doped CVD diamond exposed to gamma radiation. <i>Radiation Measurements</i> , 2008, 43, 379-382.	1.4	11
48	The behavior of thermally and optically stimulated luminescence of long persistent phosphor after blue light illumination. <i>Radiation Measurements</i> , 2008, 43, 241-244.	1.4	25
49	Ionoluminescence characterization of microwave and hot-filament CVD diamonds. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2008, 205, 2221-2225.	1.8	3
50	Persistent luminescence dosimetric properties of UV-irradiated SrAl ₂ O ₄ :Eu ²⁺ , Dy ³⁺ phosphor. <i>Journal of Luminescence</i> , 2008, 128, 173-184.	3.1	41
51	Ionoluminescence of trivalent rare-earth-doped strontium barium niobate. <i>Journal of Luminescence</i> , 2008, 128, 735-737.	3.1	6
52	On the role of dislocations and aggregates in UV induced afterglow luminescence of KCl:Eu at low temperatures. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 085203.	1.8	1
53	Dose rate effects on the thermoluminescence properties of HFCVD diamonds. <i>Diamond and Related Materials</i> , 2008, 17, 1283-1287.	3.9	4
54	Study of Interlayer Spacing Collapse During Polymer/Clay Nanocomposite Melt Intercalation. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 1707-1713.	0.9	21

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55	Comparison Between Isothermal Cold and Melt Crystallization of Polylactide/Clay Nanocomposites. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 1658-1668.	0.9	24
56	Fabrication and characterization of new LiF:Eu ³⁺ sintered phosphors exposed to beta particles. <i>Radiation Effects and Defects in Solids</i> , 2007, 162, 715-721.	1.2	1
57	Dopant concentration effect on the TL response of ZrO ₂ :Lu ³⁺ nanocrystals under β -ray irradiation. <i>Proceedings of SPIE</i> , 2007, 6639, 79.	0.8	0
58	Dose rate effects on the thermoluminescence properties of MWCVD diamond films. <i>Radiation Effects and Defects in Solids</i> , 2007, 162, 587-595.	1.2	8
59	Ionoluminescence of diamond, synthetic diamond and simulants. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 580, 400-403.	1.6	10
60	Thermoluminescence properties of undoped and Tb ³⁺ and Ce ³⁺ doped YAG nanophosphor under UV-, X- and β -ray irradiation. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 255, 357-364.	1.4	22
61	On the use of MWCVD diamond as thermoluminescent gamma dosimeter. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 260, 592-598.	1.4	5
62	Photoluminescence, afterglow and thermoluminescence in irradiated with blue and UV light. <i>Radiation Measurements</i> , 2007, 42, 668-671.	1.4	20
63	Dose rate effects on the thermoluminescence kinetics properties of MWCVD diamond films. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2007, 204, 3053-3058.	1.8	5
64	Thermal annealing effects on the TL response of beta-irradiated HPHT Ib type synthetic diamond. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2007, 204, 3041-3046.	1.8	7
65	Afterglow and thermally stimulated luminescence induced by UV radiation in CVD diamond. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2007, 204, 3047-3052.	1.8	7
66	Thermoluminescence properties of ZnO and ZnO:Yb nanophosphors. <i>Applied Physics Letters</i> , 2006, 89, 183118.	3.3	36
67	Beta radiation induced thermoluminescence in pure ZrO ₂ prepared by sol-gel. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 2543-2547.	3.1	23
68	Afterglow, TL and IRSL in beta-irradiated HPHT type Ib synthetic diamond. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006, 203, 3167-3172.	1.8	4
69	All optical read-out radiation dosimeter using CVD synthetic diamond. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006, 203, 3173-3178.	1.8	4
70	Gamma radiation effects on commercial Mexican bread making wheat flour. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2006, 245, 455-458.	1.4	27
71	β radiation thermoluminescence performance of HFCVD diamond films. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2006, 248, 103-108.	1.4	18
72	Optical absorption, TL and IRSL of basic plagioclase megacrysts from the pinacate (Sonora, Mexico) quaternary alkalic volcanics. <i>Radiation Protection Dosimetry</i> , 2006, 119, 233-237.	0.8	0

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73	Thermoluminescence response of new $\text{KClXBr}1\hat{\wedge}^{\wedge}\text{X:EuCl3}$ sintered phosphors exposed to beta and gamma radiation. Radiation Protection Dosimetry, 2006, 119, 172-175.	0.8	3
74	Optically stimulated luminescence dosimetry performance of natural Brazilian topaz exposed to beta radiation. Radiation Protection Dosimetry, 2006, 119, 161-163.	0.8	1
75	Performance of CVD diamond as an optically and thermally stimulated luminescence dosemeter. Radiation Protection Dosimetry, 2006, 119, 226-229.	0.8	3
76	Dose dependences of radiation induced yield in mixed radiation fields. Radiation Protection Dosimetry, 2006, 119, 80-84.	0.8	1
77	Thermoluminescence behaviour of $\text{KCl}1\hat{\wedge}^{\wedge}\text{xBrx:Pb}2+$ exposed to gamma radiation. Radiation Protection Dosimetry, 2006, 119, 280-284.	0.8	2
78	Optical absorption and thermoluminescence in single NaCl:Cu crystals exposed to 60Co and UV light. Radiation Protection Dosimetry, 2006, 119, 102-105.	0.8	14
79	Dose rate effect on the yield of radiation induced response with thermal fading. Radiation Measurements, 2005, 39, 329-335.	1.4	4
80	Thermoluminescence properties of new ZnO nanophosphors exposed to beta irradiation. Optical Materials, 2005, 27, 1235-1239.	3.6	40
81	Thermoluminescence characterization of nanocrystalline and single Y3Al5O12 crystal exposed to \hat{I}^2 -irradiation for dosimetric applications. Optical Materials, 2005, 27, 1240-1244.	3.6	22
82	OSL and TL dosimeter characterization of boron doped CVD diamond films. Optical Materials, 2005, 27, 1231-1234.	3.6	6
83	Optically stimulated luminescence properties of nanocrystalline Y3Al5O12 phosphor exposed to \hat{I}^2 radiation. Optical Materials, 2005, 27, 1245-1249.	3.6	9
84	F-center effects in the luminescent properties of $\text{KCl}1\text{-xBrx}$ with divalent lead impurity. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 568-571.	0.8	2
85	Thermoluminescence characterization of a MWCVD diamond film exposed to \hat{I}^2 -rays and UV radiation. Physica Status Solidi A, 2005, 202, 2206-2211.	1.7	10
86	TL, OSL, Raman spectroscopy and SEM characterization of boron doped diamond films. Physica Status Solidi A, 2005, 202, 2154-2159.	1.7	9
87	Thermoluminescence and optically stimulated luminescence properties of nanocrystalline $\text{Er}3+$ and $\text{Yb}3+$ doped Y3Al5O12 exposed to \hat{I}^2 -rays. Journal Physics D: Applied Physics, 2005, 38, 3854-3859.	2.8	23
88	Defects generated by irradiation with gamma rays in lead doped $\text{KCl}\hat{\wedge}^{\wedge}\text{KBr}$ mixed single crystals. Radiation Measurements, 2004, 38, 695-698.	1.4	1
89	A new chemical bath deposition method for fabricating ZnS , $\text{Zn(OH)}2$, and ZnO thin films, and the optical and structural characterization of these materials. Applied Physics A: Materials Science and Processing, 2004, 79, 1941-1945.	2.3	19
90	Optically stimulated luminescence dosimetry on CVD diamond films. Physica Status Solidi A, 2004, 201, 2548-2552.	1.7	9

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91	TL, OSL, and phototransferred TL in beta-irradiated anion-defective Al ₂ O ₃ . Radiation Measurements, 2004, 38, 685-688.	1.4	7
92	Preparation, photo- and thermo-luminescence characterization of Tb ³⁺ and Ce ³⁺ doped nanocrystalline Y ₃ Al ₅ O ₁₂ exposed to UV-irradiation. Optical Materials, 2004, 25, 285-293.	3.6	49
93	Thermoluminescence characterization of Tb ³⁺ and Ce ³⁺ doped nanocrystalline Y ₃ Al ₅ O ₁₂ exposed to X- and β -irradiation. Optical Materials, 2004, 27, 293-299.	3.6	36
94	Monoclinic ZrO ₂ as a broad spectral response thermoluminescence UV dosimeter. Radiation Measurements, 2003, 37, 187-190.	1.4	51
95	Thermoluminescence characterization of CVD diamond film exposed to UV and beta radiation. Physica Status Solidi A, 2003, 199, 125-130.	1.7	11
96	Behaviour of F and F ₂ Centres Under Thermal Stimulation in KCl:Eu ²⁺ Irradiated with Ionizing and UV Radiation. Radiation Effects and Defects in Solids, 2003, 158, 269-274.	1.2	2
97	Photoluminescence and thermoluminescence of YAG:Ce ³⁺ , Tb ³⁺ nanocrystalline under UV-, X- and β -irradiation. , 2003, , .		3
98	APPLICATION OF CVD DIAMOND FILMS FOR UV THERMOLUMINESCENCE DOSIMETER. International Journal of Modern Physics B, 2002, 16, 1003-1007.	2.0	6
99	Ultraviolet Thermoluminescent Dosimetry using High Temperature Peaks in KCl:Eu ²⁺ Crystals. Radiation Protection Dosimetry, 2002, 100, 425-427.	0.8	3
100	Thermoluminescence in CVD Diamond Films: Application to Actinometric Dosimetry. Radiation Protection Dosimetry, 2002, 100, 443-446.	0.8	4
101	Thermoluminescence Properties of KCl _{1-x} KBr _x :Pb ²⁺ Mixed Crystals. Radiation Protection Dosimetry, 2002, 100, 455-457.	0.8	3
102	Application of a Thermoluminescence Method for Detection of Irradiated Spices. Radiation Protection Dosimetry, 2002, 101, 137-140.	0.8	7
103	Study of the Phototransferred Thermoluminescence in KCl:Eu ²⁺ Phosphors. Radiation Protection Dosimetry, 2002, 100, 183-185.	0.8	2
104	Chemically vapor deposited diamond film ultraviolet thermoluminescence dosimeter. Materials Letters, 2002, 56, 80-84.	2.6	5
105	Thermoluminescence properties of aluminum oxide thin films obtained by pulsed laser deposition. Radiation Measurements, 2002, 35, 355-359.	1.4	15
106	Optical Properties of Sol-Gel-Prepared Iron-Doped SiO ₂ *. Inorganic Materials, 2002, 38, 45-47.	0.8	4
107	Solar ultraviolet-B detectors using Eu ²⁺ doped alkali halide crystals. Journal of Alloys and Compounds, 2001, 323-324, 847-850.	5.5	6
108	Optical characterisation of rare earths in natural fluorapatite. Journal of Alloys and Compounds, 2001, 323-324, 851-854.	5.5	12

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109	Comparative investigations of TL and OSL in KCl:Eu ²⁺ crystals irradiated with UV and X-rays. Radiation Effects and Defects in Solids, 2001, 154, 319-324.	1.2	6
110	Thermally and optically stimulated luminescence correlated processes in X-ray irradiated KCl:Eu ²⁺ . Radiation Measurements, 2001, 33, 797-800.	1.4	16
111	UV induced afterglow of KCl:Eu,KBr:Eu and NaCl:Eu at low temperature. Radiation Measurements, 2001, 33, 813-817.	1.4	7
112	Luminescence of CsPbCl ₃ -like Quantum Dots in CsCl : Pb Crystals. Physica Status Solidi (B): Basic Research, 2001, 225, 247-255.	1.5	19
113	Cathodoluminescence in Europium doped KCl crystals. Radiation Effects and Defects in Solids, 2001, 154, 313-317.	1.2	0
114	Thermoluminescence, Optical Stimulated Luminescence and Defect Creation in Europium Doped KCl and KBr Crystals. Physica Status Solidi (B): Basic Research, 2000, 220, 671-676.	1.5	15
115	\hat{I}^2 -ray irradiation thermoluminescence and dosimetric characterization of KCl \hat{I}^x Br \hat{I} :Eu ²⁺ mixed crystals. Radiation Measurements, 1998, 29, 487-491.	1.4	10
116	Luminescent quantum efficiency of ions in mixed crystals. Journal of Physics Condensed Matter, 1998, 10, 4113-4118.	1.8	4
117	Coexistence of the impurity and perturbed exciton levels in the relaxed excited state of CsCl:Pb crystal. Journal of Physics Condensed Matter, 1998, 10, 5449-5461.	1.8	13
118	Evidence of STE emission in low temperature thermoluminescence of pure KCl UV-irradiated at 15 K. Radiation Effects and Defects in Solids, 1998, 146, 251-259.	1.2	0
119	Outdoor evaluation of the thermoluminescent properties of \hat{I}^{\pm} -Al ₂ O ₃ crystals. Applied Physics Letters, 1997, 70, 1674-1675.	3.3	5
120	The F band of mixed ionic crystals as a function of temperature. Radiation Effects and Defects in Solids, 1997, 140, 171-179.	1.2	0
121	INFLUENCE OF COMPOSITION IN THE FORMATION OF Eu ²⁺ AGGREGATED PHASES IN KCl \hat{I}^x Br \hat{I} :Eu ²⁺ MIXED CRYSTALS. Journal of Physics and Chemistry of Solids, 1997, 58, 1027-1031.	4.0	6
122	Exciton 4.29 and 3.65 eV luminescence in CsI:Tl and CsI:Pb. Journal of Physics Condensed Matter, 1997, 9, 7249-7256.	1.8	15
123	Dosimetric properties of KCl:Eu ²⁺ under \hat{I}^{\pm} , \hat{I}^2 , \hat{I}^3 , x ray, and ultraviolet irradiation. Applied Physics Letters, 1996, 68, 3398-3400.	3.3	20
124	Actinometric thermoluminescence response of KCl \hat{I}^x Br \hat{I} :Eu ²⁺ mixed crystals. Applied Physics Letters, 1996, 69, 1388-1390.	3.3	20
125	A Method for Evaluating TLD Signal Changes Caused by Climatic and Other Factors in Environmental Measurements. Radiation Protection Dosimetry, 1996, 66, 179-182.	0.8	2
126	Dependence of Sensitisation of LiF:Mg,Ti (TLD-100) on the Partial Readout End Temperature. Radiation Protection Dosimetry, 1996, 65, 207-210.	0.8	1

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127	Optical Properties of Complex Anion Vacancy Centres and Photo-Excited Electronic Processes in Anion Defective Alpha-Al ₂ O ₃ . Radiation Protection Dosimetry, 1996, 65, 235-238.	0.8	23
128	RES structure of Bi ³⁺ centres in KCl: Bi, S and CaO:Bi crystals. Physica Status Solidi (B): Basic Research, 1996, 194, 619-631.	1.5	15
129	Dosimetric characteristics of ultraviolet and γ -irradiated KBr:Eu ²⁺ thermoluminescence crystals. Applied Physics Letters, 1996, 69, 1068-1070.	3.3	11
130	Stokes shift of the F center electronic transitions in mixed ionic crystals. Radiation Effects and Defects in Solids, 1996, 138, 153-158.	1.2	8
131	Room-temperature effects of UV radiation in KBr: crystals. Journal of Physics Condensed Matter, 1996, 8, 4983-4992.	1.8	12
132	Thermoluminescence $\hat{\pm}$ -Al ₂ O ₃ :C detectors (TLD-500K): Some results of a long-term testing. Radiation Measurements, 1995, 24, 427-429.	1.4	2
133	Fading and self-irradiation of potassium halide thermoluminescence dosimeters. Applied Physics Letters, 1995, 66, 3126-3127.	3.3	8
134	A simple calibration method for potassium halide thermoluminescence dosimeters. Applied Physics Letters, 1995, 67, 3266-3268.	3.3	7
135	The role of F centres in the thermoluminescence of low-energy UV- and X-irradiated KCl:Eu ²⁺ . Journal of Physics Condensed Matter, 1994, 6, 10397-10405.	1.8	22
136	Self-irradiation in potassium halide thermoluminescent crystals. Applied Physics Letters, 1994, 64, 1789-1790.	3.3	12
137	Nonthermoluminescent dosimetry based on the afterglow response of europium-doped alkali halides. Applied Physics Letters, 1993, 63, 3017-3019.	3.3	20
138	Ultraviolet dosimetric properties of $\hat{\pm}$ -Al ₂ O ₃ crystals. Applied Physics Letters, 1993, 63, 894-895.	3.3	11
139	A laboratory project to obtain the low-temperature lattice constants of ionic crystals. European Journal of Physics, 1992, 13, 189-192.	0.6	4
140	Influence of the aggregation-precipitation state on the thermoluminescence of non-irradiated KCl _(1-x) Br _x :Eu ²⁺ mixed crystals. Radiation Effects and Defects in Solids, 1991, 119-121, 75-80.	1.2	3
141	HFS and isotope shift in the atomic spectrum of ²⁰⁵ Pb. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1987, 7, 165-170.	1.0	3
142	Hyperfine spectrum of ²⁰⁷ Bi by absorption spectroscopy: Isotope shift systematics in heavy elements. Zeitschrift für Physik A, 1985, 321, 85-89.	1.4	17