

# V V Laguta

## List of Publications by Year in descending order

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210  
papers

4,540  
citations

109311

35  
h-index

149686

56  
g-index

210  
all docs

210  
docs citations

210  
times ranked

3444  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Sn on the energy storage performance and electric conduction mechanisms of BCZT ceramic. <i>Materials Today: Proceedings</i> , 2022, 51, 2005-2014.	1.8	2
2	Effect of Li <sup>+</sup> co-doping on the luminescence and defects creation processes in Gd <sub>3</sub> (Ga,Al)5O <sub>12</sub> :Ce scintillation crystals. <i>Journal of Luminescence</i> , 2022, 242, 118548.	3.1	8
3	Untangling the controversy on Ce <sup>3+</sup> luminescence in LaAlO <sub>3</sub> crystals. <i>Materials Advances</i> , 2022, 3, 3500-3512.	5.4	7
4	Inherent Spin-Polarization Coupling in a Magnetoelectric Vortex. <i>Nano Letters</i> , 2022, 22, 3976-3982.	9.1	3
5	Incorporation of the Ce <sup>3+</sup> activator ions in LaAlO <sub>3</sub> crystals: EPR and NMR study. <i>Journal of Solid State Chemistry</i> , 2022, 313, 123295.	2.9	4
6	Optical spectroscopy and unusual temperature shift of $f_0$ zero-phonon luminescence lines: KTaO <sub>3</sub> :Er. <i>Ferroelectrics</i> , 2022, 591, 191-200.	0.6	1
7	Undoped and Eu, Na co-doped LiCaAlF <sub>6</sub> scintillation crystals: Paramagnetic centers, charge trapping and energy transfer properties. <i>Journal of Alloys and Compounds</i> , 2021, 858, 158297.	5.5	1
8	Coherent electric field manipulation of Fe <sup>3+</sup> spins in PbTiO <sub>3</sub> . <i>Science Advances</i> , 2021, 7, .	10.3	17
9	Effect of W and Mo co-doping on the photo- and thermally stimulated luminescence and defects creation processes in Gd <sub>3</sub> (Ga,Al)5O <sub>12</sub> :Ce crystals. <i>Optical Materials</i> , 2021, 114, 110923.	3.6	4
10	Electron and hole trapping in Li <sub>2</sub> MoO <sub>4</sub> cryogenic scintillator. <i>Optical Materials</i> , 2021, 114, 110971.	3.6	7
11	Room-temperature ferroelectricity, superparamagnetism and large magnetoelectricity of solid solution PbFe <sub>1/2</sub> Ta <sub>1/2</sub> O <sub>3</sub> with (PbMg <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> ) <sub>0.7</sub> (PbTiO <sub>3</sub> ) <sub>0.3</sub> . <i>Journal of Materials Science</i> , 2020, 55, 1399-1413.	3.7	5
12	Luminescence and charge trapping features of archPbMoO <sub>4</sub> lead molybdate crystals grown from archaeological lead. <i>Journal of Luminescence</i> , 2020, 224, 117305.	3.1	8
13	Structural, dielectric and magnetic studies of (0 $\bar{1}$ 3) type multiferroic (1 $\bar{1}$ x) BaTi <sub>0.8</sub> Sn <sub>0.2</sub> O <sub>3</sub> (x) La <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> (0 $\bar{1}$ x) composite ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 19343-19354.	2.2	4
14	Energy transfer to luminescent impurity by thermally quenching excitons in CdWO <sub>4</sub> :Sm. <i>Journal of Luminescence</i> , 2020, 228, 117609.	3.1	7
15	Specific absorption in Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> :Eu ceramics and the role of stable Eu <sup>2+</sup> in energy transfer processes. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8823-8839.	5.5	13
16	Magnetoelectric coupling in multiferroic Z-type hexaferrite revealed by electric-field-modulated magnetic resonance studies. <i>Journal of Materials Science</i> , 2020, 55, 7624-7633.	3.7	8
17	Rare-earth ions incorporation into Lu <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> scintillator crystals: Electron paramagnetic resonance and luminescence study. <i>Optical Materials</i> , 2020, 106, 109930.	3.6	6
18	Electron and Hole Trapping in Ce <sup>3+</sup> - and Pr <sup>3+</sup> -Doped Lutetium Pyrosilicate Scintillator Crystals Studied by Electron Paramagnetic Resonance. <i>Physical Review Applied</i> , 2020, 13, .	3.8	4

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19	On the luminescence origin in Y <sub>2</sub> SiO <sub>5</sub> :Ce and Lu <sub>2</sub> SiO <sub>5</sub> :Ce single crystals. <i>Optical Materials</i> , 2020, 103, 109832.	3.6	11
20	Oxygen-vacancy donor-electron center in $Y_3Al_5O_{12}$ garnet crystals: Electron paramagnetic resonance and dielectric spectroscopy study. <i>Physical Review B</i> , 2020, 101, .	3.2	33
21	Giant Magnetoelectric Response in Multiferroics with Coexistence of Superparamagnetic and Ferroelectric Phases at Room Temperature. <i>Ukrainian Journal of Physics</i> , 2020, 65, 875.	0.2	0
22	Electron and hole trapping in Eu- or Eu,Hf-doped LuPO <sub>4</sub> and YPO <sub>4</sub> tracked by EPR and TSL spectroscopy. <i>Journal of Materials Chemistry C</i> , 2019, 7, 11473-11482.	5.5	12
23	Trapping and Recombination Centers in Cesium Hafnium Chloride Single Crystals: EPR and TSL Study. <i>Journal of Physical Chemistry C</i> , 2019, 123, 19402-19411.	3.1	19
24	Doping nanoparticles using pulsed laser ablation in a liquid containing the doping agent. <i>Nanoscale Advances</i> , 2019, 1, 3963-3972.	4.6	22
25	Vanadium in yttrium aluminum garnet: Charge states and localization in the lattice. <i>Optical Materials</i> , 2019, 91, 228-234.	3.6	9
26	LPE growth and study of the Ce <sup>3+</sup> incorporation in LuAlO <sub>3</sub> :Ce single crystalline film scintillators. <i>CrystEngComm</i> , 2019, 21, 3313-3321.	2.6	13
27	Gallium preference for the occupation of tetrahedral sites in Lu <sub>3</sub> (Al <sub>5-x</sub> Ga <sub>x</sub> )O <sub>12</sub> multicomponent garnet scintillators according to solid-state nuclear magnetic resonance and density functional theory calculations. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 126, 93-104.	4.0	14
28	Charge trapping processes and energy transfer studied in lead molybdate by EPR and TSL. <i>Journal of Luminescence</i> , 2019, 205, 457-466.	3.1	15
29	Hole Self-Trapping in $Y_3Al_5O_{12}$ and $Y_3Al_2O_7$ . <i>Physical Review Applied</i> , 2018, 10, .	3.8	39
30	Synthesis, characterization and X-ray crystal structure of an iron(III) complex of a tripodal pyridoxal Schiff base ligand: effects of positional disorder on its magnetic properties. <i>Transition Metal Chemistry</i> , 2018, 43, 605-619.	1.4	2
31	Influence of gallium content on Ga <sup>3+</sup> position and photo- and thermally stimulated luminescence in Ce <sup>3+</sup> -doped multicomponent (Y,Lu) <sub>3</sub> Ga <sub>x</sub> Al <sub>5-x</sub> O <sub>12</sub> garnets. <i>Journal of Luminescence</i> , 2018, 200, 141-150.	3.1	14
32	Chemical disorder and Pb <sup>207</sup> hyperfine fields in the magnetoelectric multiferroic Pb(Fe <sub>1/2</sub> Sb <sub>1/2</sub> )O <sub>3</sub> and its solid solution with Pb(Fe <sub>1/2</sub> Nb <sub>1/2</sub> )O <sub>3</sub> . <i>Physical Review Materials</i> , 2018, 2, .	2.4	12
33	Magnetic resonance study of bulk and thin film EuTiO <sub>3</sub> . <i>Journal of Physics Condensed Matter</i> , 2017, 29, 105401.	1.8	1
34	Magnetoelectric effect in antiferromagnetic multiferroic $Y_3Al_5O_{12}$		



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55	Optical, Structural and Paramagnetic Properties of Eu-Doped Ternary Sulfides $Al_nS_2$ ( $A = Na, K, Rb; Ln =$ ) Tj ETQq1 1 0.784314 rgBT / Qv	2.9	38
56	Luminescence and photo-thermally stimulated defect creation processes in $PbWO_4 : Mo, La, Y$ (PWO III) crystals. <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, 2259-2267.	1.5	3
57	Comparative Studies of Ferroelectric and Magnetic Phase Transitions in $Pb(Fe_{1/2}Nb_{1/2})O_3-PbMO_3(M-Ti)$ Tj ETQq1 1 0.784314 rgBT / Qv	0.6	21
58	Electron Spin Resonance study of charge trapping in $\hat{1}\pm$ - $ZnMoO_4$ single crystal scintillator. <i>Optical Materials</i> , 2015, 47, 244-250.	3.6	24
59	Ferromagnetic and paramagnetic magnetization of implanted $GaN: Ho, Tb, Sm, Tm$ films. <i>Journal of Applied Physics</i> , 2015, 117, .	2.5	5
60	Crystal structure transformations induced by surface stresses in $BaTiO_3$ and $BaTiO_3@SiO_2$ nanoparticles and ceramics. <i>Phase Transitions</i> , 2015, 88, 761-775.	1.3	4
61	Atomistic modeling of diffuse scattering in cubic $PbZrO_3$ . <i>Phase Transitions</i> , 2015, 88, 273-282.	1.3	20
62	Electron Paramagnetic Resonance Investigation of $Ce^{3+}$ , $Er^{3+}$ , $Nd^{3+}$ Impurity Centers in $Y_2O_3: Lu^{3+} AlO_3$ Single Crystals. <i>Advanced Science, Engineering and Medicine</i> , 2015, 7, 258-264.	0.3	2
63	On the origin of cerium-related centres in lead-containing single crystalline films of $Y_2SiO_5: Ce$ and $Lu_2SiO_5: Ce$ . <i>Journal Physics D: Applied Physics</i> , 2014, 47, 065303.	1.8	13
64	Superspin glass phase and hierarchy of interactions in multiferroic $PbFe_{1/2}Sb_{1/2}O_3$ : an analog of ferroelectric relaxors?. <i>New Journal of Physics</i> , 2014, 16, 113041.	2.9	45
65	Stabilization of $Eu^{2+}$ in $KLu_2$ crystalline host: an EPR and optical study. <i>Physica Status Solidi - Rapid Research Letters</i> , 2014, 08, 801-804.	2.4	15
66	Photothermally stimulated creation of electron and hole centers in $Ce^{3+}$ -doped $Y_2SiO_5$ single crystals. <i>Optical Materials</i> , 2014, 36, 1636-1641.	3.6	14
67	Magnetic interactions in disordered perovskite $PbFe_{1/2}Nb_{1/2}O_3$ $xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub></mml:msub></mml:mrow></mml:math>Nb</mml:math>$	3.2	27
68	Lieb-Mattis ferrimagnetic superstructure and superparamagnetism in Fe-based double perovskite multiferroics. <i>Physical Review B</i> , 2014, 90, .	3.2	13
69	Electron and hole traps in X-ray irradiated $Y_2SiO_5$ and $Lu_2SiO_5$ crystals. <i>Physica Status Solidi (B): Basic Research</i> , 2014, 251, 741-747.	1.5	6
70	Electron and hole traps in yttrium orthosilicate single crystals: The critical role of Si-unbound oxygen. <i>Physical Review B</i> , 2014, 90, .	3.2	32
71	New High-Efficiency Red-Emitting Phosphor Produced by the Sol-Gel Method. <i>Theoretical and Experimental Chemistry</i> , 2014, 50, 29-34.	0.8	2
72	Size effects in a relaxor: further insights into PMN. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 272201.	1.8	4

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73	Local structure and electron spin resonance of copper-doped SrTiO <sub>3</sub> ceramics. Journal of Materials Science, 2013, 48, 4016-4022.	3.7	6
74	Domains within Domains and Walls within Walls: Evidence for Polar Domains in Cryogenic SrTiO <sub>3</sub> . Physical Review Letters, 2013, 111, 247603.	7.8	145
75	Trap centers in molybdates. Optical Materials, 2013, 35, 2465-2472.	3.6	60
76	Luminescence and photo-thermally stimulated defects creation processes in PbWO <sub>4</sub> crystals doped with trivalent rare-earth ions. Journal of Luminescence, 2013, 136, 42-50. Effect of Ba and Ti doping on magnetic properties of multiferroic Pb(Fe <sub>1-x</sub> La <sub>x</sub> ) <sub>2</sub> TiO <sub>5</sub> . Journal of Applied Physics, 2013, 114, 014302.	3.1	10
77		3.2	55
78	Electron spin resonance of paramagnetic defects and related charge carrier traps in complex oxide scintillators. Physica Status Solidi (B): Basic Research, 2013, 250, 254-260.	1.5	19
79	ESR and TSL study of hole capture in PbWO <sub>4</sub> :Mo,La and PbWO <sub>4</sub> :Mo,Y scintillator crystals. Journal Physics D: Applied Physics, 2013, 46, 075302.	2.8	7
80	Electron Paramagnetic Resonance Study of Lu <sub>2</sub> SiO <sub>5</sub> and Y <sub>2</sub> SiO <sub>5</sub> Scintillators Doped by Cerium. Advanced Science, Engineering and Medicine, 2013, 5, 573-576.	0.3	5
81	K <sub>0.9982</sub> Li <sub>0.0018</sub> TaO <sub>3</sub> Crystal Under External DC Electric Field. Ferroelectrics, 2012, 428, 36-42.	0.6	3
82	Electron paramagnetic resonance investigation of polar nanoregions mobility in the relaxor PbMg <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> and solid solutions PbMg <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> - PbTiO <sub>3</sub> . Journal of Applied Physics, 2012, 111, .	2.5	3
83	Raman Spectra of PbFe <sub>0.5</sub> Nb <sub>0.5</sub> O <sub>3</sub> Multiferroic Single Crystals and Ceramics. Ferroelectrics, 2012, 438, 107-114. Magnetism in multiferroic Pb <sub>1-x</sub> La <sub>x</sub> TiO <sub>5</sub> . Journal of Applied Physics, 2012, 112, 014302.	0.6	21
84	Cr <sub>3</sub> F <sub>3</sub> related hole centers in lead tungstate crystals. Physica Status Solidi (B): Basic Research, 2012, 249, 2161-2166.	3.2	7
85	Lead <sup>2+</sup> vacancy-related hole centers in lead tungstate crystals. Physica Status Solidi (B): Basic Research, 2012, 249, 2161-2166.	1.5	9
86	Luminescent and scintillation properties of Lu <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> :Sc single crystal and single crystalline films. Optical Materials, 2012, 34, 2080-2085.	3.6	17
87	Magnetolectric Interactions in Mn- and Co-Doped Incipient Ferroelectrics from Density Functional Calculations. Ferroelectrics, 2012, 427, 70-77.	0.6	0
88	Infrared and ESR spectroscopy of KTaO <sub>3</sub> :Er. Physics of the Solid State, 2012, 54, 972-974.	0.6	4
89	Hole capture in PbWO <sub>4</sub> :Mo,La(Y) scintillator crystals. Physical Review B, 2011, 83, .	3.2	21
90	Time-resolved spectroscopy of exciton states in single crystals and single crystalline films of YAlO <sub>3</sub> and YAlO <sub>3</sub> :Ce. Journal Physics D: Applied Physics, 2011, 44, 315402.	2.8	25

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91	Electron spin resonance investigation of undoped and Li-doped CdWO <sub>4</sub> scintillator crystals. Physica Status Solidi (B): Basic Research, 2011, 248, 993-996.	1.5	3
92	Luminescence of F <sup>+</sup> type centers in undoped Lu <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> single crystals. Physica Status Solidi (B): Basic Research, 2011, 248, 239-242.	1.5	37
93	Luminescence and ESR characteristics of <sup>137</sup> Ir-irradiated Lu <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> :Ce single crystalline film scintillators. Radiation Measurements, 2010, 45, 419-421.	1.4	12
94	<sup>93</sup> Nb NMR and Fe <sup>3+</sup> EPR study of local magnetic properties of magnetoelectric Pb(Fe <sub>1/2</sub> Nb <sub>1/2</sub> )O <sub>3</sub> . Materials Research Bulletin, 2010, 45, 1720-1727.	5.2	54
95	EPR spectra of MoS <sub>2</sub> /C <sub>60</sub> . Physica Status Solidi (B): Basic Research, 2010, 247, 3033-3034.	1.5	13
96	Luminescence and creation of electron centers in UV-irradiated YAlO <sub>3</sub> single crystals. Journal of Applied Physics, 2010, 108, .	2.5	12
97	Magnetic properties of multiferroic K <sub>3</sub> Cr <sub>2</sub> Fe <sub>3</sub> F <sub>15</sub> . Journal of Applied Physics, 2010, 107, .	2.5	17
98	$\text{Li}$ NMR Investigation of Li-Li Pair Ordering in the Paraelectric Phase of Weakly Substitutionally Disordered	7.8	3
99	Ultraviolet luminescence and creation of (WO <sub>4</sub> ) <sup>3+</sup> type centers under UV irradiation of PbWO <sub>4</sub> crystals doped with trivalent rare-earth ions. Journal of Physics: Conference Series, 2010, 249, 012001.	0.4	2
100	Single-Crystal Scintillation Materials. , 2010, , 1663-1700.		18
101	Mechanisms of magnetoelectricity in manganese-doped incipient ferroelectrics. Europhysics Letters, 2010, 92, 17007.	2.0	19
102	Magneto-electric couplings in Sr <sub>1-x</sub> MnxTi <sub>1-y</sub> MnyO <sub>3</sub> . IOP Conference Series: Materials Science and Engineering, 2010, 15, 012047.	0.6	1
103	PbTiO <sub>3</sub> Nanoparticles Embedded in a Liquid Crystalline Elastomer Matrix: Structural and Ordering Properties. Journal of Physical Chemistry C, 2010, 114, 10782-10789.	3.1	33
104	Can Pr-Doped YAP Scintillator Perform Better?. IEEE Transactions on Nuclear Science, 2010, 57, 1168-1174.	2.0	17
105	Electron paramagnetic resonance and Mössbauer study of antiferromagnetic K <sub>3</sub> Cu <sub>3</sub> Fe <sub>2</sub> F <sub>15</sub> . Journal of Applied Physics, 2009, 106, 023924.	2.5	13
106	Evidence for impurity-induced polar state in Sr <sub>1-x</sub> MnxTiO <sub>3</sub> from density functional calculations. Physical Review B, 2009, 79, .	3.2	18
107	Tunneling recombination luminescence under excitation of PbWO <sub>4</sub> :Mo crystals in the defect-related absorption region. Journal of Luminescence, 2009, 129, 767-772.	3.1	9
108	Trap-center recombination processes by rare earth activators in YAlO <sub>3</sub> crystal host. Physical Review B, 2009, 80, .	3.2	34

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109	Intrinsic trapping and recombination centers in $\text{CdWO}_4$ using thermally stimulated luminescence. Physical Review B, 2009, 80, .	3.2	15
110	Hole and electron traps in the $\text{YAlO}_3$ crystal scintillator. Physical Review B, 2009, 80, .	3.2	15
111	$^{39}\text{K}$ NMR and EPR study of multiferroic $\text{K}_3\text{Fe}_5\text{F}_{15}$ . Journal of Physics Condensed Matter, 2009, 21, 045902.	1.8	4
112	Redox processes at grain boundaries in barium titanate-based polycrystalline ferroelectrics semiconductors. Journal of Materials Science, 2008, 43, 3320-3326.	3.7	5
113	Complex oxide scintillators: Material defects and scintillation performance. Physica Status Solidi (B): Basic Research, 2008, 245, 1701-1722.	1.5	182
114	Terahertz Emission from Tubular $\text{Pb}(\text{Zr,Ti})\text{O}_3$ Nanostructures. Nano Letters, 2008, 8, 4404-4409.	9.1	62
115	Luminescence and ESR Study of Irregular $\text{Ce}^{3+}$ Ions in LuAG:Ce Single Crystals. IEEE Transactions on Nuclear Science, 2008, 55, 1156-1159.	2.0	16
116	Scintillator Materials—Achievements, Opportunities, and Puzzles. IEEE Transactions on Nuclear Science, 2008, 55, 1035-1041.	2.0	60
117	O17 and N93b NMR investigation of magnetoelectric effect in $\text{Pb}(\text{Fe}_{1/2}\text{Nb}_{1/2})\text{O}_3$ . Journal of Applied Physics, 2008, 104, 084105.	2.5	17
118	Physics of Lead Tungstate Scintillators. IEEE Transactions on Nuclear Science, 2008, 55, 1275-1282.	2.0	21
119	$^{17}\text{O}$ quadrupole coupling and the origin of ferroelectricity in isotopically enriched $\text{BaTiO}_3$ and $\text{SrTiO}_3$ . Journal of Physics Condensed Matter, 2008, 20, 085204.	1.8	12
120	Electron spin resonance study of self-trapped holes in $\text{CdWO}_4$ scintillator crystals. Journal of Applied Physics, 2008, 104, .	2.5	23
121	Magnetic Resonance and Local Properties of $\text{BiFeO}_3$ and $\text{Ni}_2\text{MnGa}$ Layers. Ferroelectrics, 2008, 370, 153-155.	0.6	0
122	Localized excitons and their decay into electron and hole centres in $\text{PbWO}_4$ single crystals grown by the Bridgman method. Journal of Physics Condensed Matter, 2007, 19, 306202.	1.8	7
123	Electron spin resonance investigation of $\text{Mn}^{2+}$ ions and their dynamics in Mn-doped $\text{SrTiO}_3$ . Physical Review B, 2007, 76, .	3.2	54
124	Shallow traps and radiative recombination processes in $\text{Lu}_3\text{Al}_5\text{O}_{12}\text{Ce}$ single crystal scintillator. Physical Review B, 2007, 76, .	3.2	168
125	Radiation damage processes in complex-oxide scintillators. , 2007, , .		17
126	Paramagnetic impurity defects in LuAG and LuAG: Sc single crystals. Optical Materials, 2007, 30, 79-81.	3.6	17



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127	High quantum efficiency YbAG-crystals. Journal of Luminescence, 2007, 125, 238-247.	3.1	48
128	Luminescence and decay of excitons in lead tungstate crystals. Radiation Measurements, 2007, 42, 515-520.	1.4	13
129	Origin of TSL peaks located at 200â€“250K in UV-irradiated crystals. Radiation Measurements, 2007, 42, 807-810.	1.4	4
130	Investigation of ferroelectric nanopowders by EPR method. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 1297-1300.	0.8	7
131	Energy transfer and charge carrier capture processes in wide-band-gap scintillators. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 683-689.	1.8	29
132	Paramagnetic impurity defects in LuAG:Ce thick film scintillators. Radiation Measurements, 2007, 42, 835-838.	1.4	46
133	Energy transfer and storage processes in scintillators: The role and nature of defects. Radiation Measurements, 2007, 42, 509-514.	1.4	23
134	Polar nanoclusters in relaxors. Journal of Materials Science, 2006, 41, 27-30.	3.7	48
135	Polar nanoclusters in relaxors. , 2006, , 27-30.		0
136	Publisher's Note: Dipolar centers in incipient ferroelectrics:â€“,Mn and Fe inKTaO3[Phys. Rev. B71, 094111 (2005)]. Physical Review B, 2005, 72, .	3.2	0
137	Electron capture inPbWO4: Mo andPbWO4:Mo,La single crystals: ESR and TSL study. Physical Review B, 2005, 71, .	3.2	39
138	Order-Disorder Component in the Phase Transition Mechanism ofO18Enriched Strontium Titanate. Physical Review Letters, 2005, 94, 147601.	7.8	89
139	Electron spin resonance investigation of oxygen-vacancy-related defects in BaTiO3 thin films. Applied Physics Letters, 2005, 87, 022903.	3.3	41
140	Electron spin resonance investigation of impurity and intrinsic defects in Nb-doped BaTiO3 single crystal and ceramics. Journal of Applied Physics, 2005, 97, 073707.	2.5	17
141	Sr87NMR of phase transitions inSrTi16O3andSrTi18O3. Physical Review B, 2005, 72, .	3.2	14
142	NMR study of disorder inBaTiO3andSrTiO3. Physical Review B, 2005, 71, .	3.2	135
143	Nb93NMR study of disorder inKTa1âˆ“xNbxO3. Physical Review B, 2005, 71, .	3.2	12
144	Angular Dependence of93Nb NMR in KTa1âˆ“xNbxO3. Ferroelectrics, 2005, 314, 165-168.	0.6	3

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145	Dipolar centers in incipient ferroelectrics: $\text{Mn}$ and $\text{Fe}$ in $\text{KTaO}_3$ . <i>Physical Review B</i> , 2005, 71, .	3.2	20
146	NMR study of ionic shifts and polar ordering in the relaxor ferroelectric $\text{Pb}(\text{Sc}_{1/2}\text{Nb}_{1/2})\text{O}_3$ . <i>Physical Review B</i> , 2004, 69, .	3.2	20
147	The Vogel-Fulcher law as a criterion for identifying a mixed ferroelectric-glass phase in potassium tantalate doped with lithium. <i>Physics of the Solid State</i> , 2004, 46, 1262-1269.	0.6	8
148	Field cooled and zero field cooled $^{207}\text{Pb}$ NMR of the relaxor ferroelectric PMN. <i>Solid State Nuclear Magnetic Resonance</i> , 2004, 25, 185-187.	2.3	3
149	Electron paramagnetic resonance study of copper impurity charge-states in $\text{PbWO}_4$ scintillator. <i>Radiation Measurements</i> , 2004, 38, 703-706.	1.4	2
150	Electron spin resonance study of $\text{Mo}^{3+}$ centers in $\text{YAlO}_3$ . <i>Radiation Measurements</i> , 2004, 38, 735-738.	1.4	16
151	Anomalies of Dielectric Response in Mixed Ferro-Glass Phase of Potassium Tantalate Doped by Lithium. <i>Ferroelectrics</i> , 2004, 298, 171-182.	0.6	7
152	Electron traps related to oxygen vacancies in $\text{PbWO}_4$ . <i>Physical Review B</i> , 2003, 67, .	3.2	49
153	Field Cooled and Zero Field Cooled $^{207}\text{Pb}$ NMR and the Local Structure of Relaxor $\text{PbMg}_{1/3}\text{Nb}_{2/3}\text{O}_3$ . <i>Physical Review Letters</i> , 2003, 91, 247601.	7.8	122
154	Light-induced defects in $\text{KTaO}_3$ . <i>Journal of Applied Physics</i> , 2003, 93, 6056-6064.	2.5	33
155	Thermoluminescence of Zr-codoped $\text{Lu}_3\text{Al}_5\text{O}_{12}:\text{Ce}$ crystals. <i>Physica Status Solidi A</i> , 2003, 195, R1-R3.	1.7	35
156	NMR Evidence for the Coexistence of Order-Disorder and Displacive Components in Barium Titanate. <i>Physical Review Letters</i> , 2003, 90, 037601.	7.8	264
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