

Maya D Glinchuk

List of Publications by Year in descending order

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253
papers

5,952
citations

101543

36
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88630

70
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256
all docs

256
docs citations

256
times ranked

3904
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffuse phase transitions and random-field-induced domain states of the $\text{PbMg}_{1/3}\text{Nb}_{2/3}\text{O}_3$ relaxor ferroelectric. <i>Physical Review Letters</i> , 1992, 68, 847-850.	7.8	971
2	Dipole glass and ferroelectricity in random-site electric dipole systems. <i>Reviews of Modern Physics</i> , 1990, 62, 993-1026.	45.6	606
3	Spontaneous flexoelectric/flexomagnetic effect in nanoferroics. <i>Physical Review B</i> , 2009, 79, .	3.2	234
4	Ferroelectricity enhancement in confined nanorods: Direct variational method. <i>Physical Review B</i> , 2006, 73, .	3.2	142
5	A random field theory based model for ferroelectric relaxors. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 6985-6996.	1.8	131
6	Phase transitions induced by confinement of ferroic nanoparticles. <i>Physical Review B</i> , 2007, 76, .	3.2	126
7	Oxygen-vacancy-induced ferromagnetism in undoped SnO_2 thin films. <i>Physical Review B</i> , 2012, 85, .	3.2	124
8	The internal electric field originating from the mismatch effect and its influence on ferroelectric thin film properties. <i>Journal of Physics Condensed Matter</i> , 2004, 16, 3517-3531.	1.8	111
9	Influence of impurities on the properties of rare-earth-doped barium titanate ceramics. <i>Journal of Materials Chemistry</i> , 2000, 10, 941-947.	6.7	101
10	Interfacial polarization and pyroelectricity in antiferrodistortive structures induced by a flexoelectric effect and rotostriction. <i>Physical Review B</i> , 2012, 85, .	3.2	100
11	The depolarization field effect on the thin ferroelectric films properties. <i>Physica B: Condensed Matter</i> , 2002, 322, 356-370.	2.7	90
12	Central-Peak Components and Polar Soft Mode in Relaxor $\text{PbMg}_{1/3}\text{Nb}_{2/3}\text{O}_3$ Crystals. <i>Ferroelectrics</i> , 2004, 298, 23-30.	0.6	87
13	Ferroelectric thin film properties—Depolarization field and renormalization of a bulk free energy coefficients. <i>Journal of Applied Physics</i> , 2003, 93, 1150-1159.	2.5	72
14	Giant magnetoelectric effect induced by intrinsic surface stress in ferroic nanorods. <i>Physical Review B</i> , 2008, 77, .	3.2	65
15	Effect of surface tension and depolarization field on ferroelectric nanomaterial properties. <i>Physica Status Solidi (B): Basic Research</i> , 2003, 238, 81-91.	1.5	64
16	Thermodynamic potential and phase diagram for multiferroic bismuth ferrite (BiFeO_3). <i>Npj Computational Materials</i> , 2017, 3, .	8.7	62
17	Surface effect on domain wall width in ferroelectrics. <i>Journal of Applied Physics</i> , 2009, 106, .	2.5	59
18	^{207}Pb NMR study of the relaxor behavior in $\text{PbMg}_{1/3}\text{Nb}_{2/3}\text{O}_3$. <i>Physical Review B</i> , 2000, 63, .	3.2	58

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19	Possible electrochemical origin of ferroelectricity in HfO ₂ thin films. Journal of Alloys and Compounds, 2020, 830, 153628.	5.5	57
20	Ferroelectric thin films phase diagrams with self-polarized phase and electret state. Journal of Applied Physics, 2006, 99, 114102.	2.5	56
21	Polar phonons and central mode in antiferroelectric PbZrO ₃ ceramics. Journal of Physics Condensed Matter, 2001, 13, 2677-2689. Effect of Ba and Ti doping on magnetic properties of multiferroic Pb(Fe _{1-x} Ti _x) ₂ O ₇ . Journal of Applied Physics, 2006, 99, 114102.	1.8	55
22		3.2	55
23	Electron spin resonance investigation of Mn ²⁺ ions and their dynamics in Mn-doped SrTiO ₃ . Physical Review B, 2007, 76, .	3.2	54
24	Superparaelectric phase in the ensemble of noninteracting ferroelectric nanoparticles. Physical Review B, 2008, 78, .	3.2	53
25	Dynamic properties of relaxor ferroelectrics. Journal of Applied Physics, 1999, 85, 1722-1726.	2.5	52
26	Linear magnetoelectric coupling and ferroelectricity induced by the flexomagnetic effect in ferroics. Physical Review B, 2011, 84, .	3.2	51
27	Random fields and their influence on the phase transitions in disordered ferroelectrics. Journal of Physics Condensed Matter, 1994, 6, 6317-6327.	1.8	50
28	Size effects and depolarization field influence on the phase diagrams of cylindrical ferroelectric nanoparticles. Physica B: Condensed Matter, 2007, 387, 358-366.	2.7	48
29	Ferroelectric and glassy states in La-modified lead zirconate titanate ceramics: A general picture. Journal of Applied Physics, 1998, 83, 5371-5380.	2.5	47
30	Impurity centers in PbTiO ₃ single crystals: An electron-spin-resonance analysis. Physical Review B, 1996, 54, 12353-12360.	3.2	46
31	Paramagnetic impurity defects in LuAG:Ce thick film scintillators. Radiation Measurements, 2007, 42, 835-838.	1.4	46
32	Paramagnetic dipole centers in KTaO ₃ : Electron-spin-resonance and dielectric spectroscopy study. Physical Review B, 2000, 61, 3897-3904.	3.2	42
33	Photochromic centers and impurities in nominally pure KTaO ₃ and K _{1-x} Li _x TaO ₃ . Physical Review B, 1995, 52, 7102-7107.	3.2	41
34	Electron spin resonance investigation of oxygen-vacancy-related defects in BaTiO ₃ thin films. Applied Physics Letters, 2005, 87, 022903.	3.3	41
35	Theory of the nonlinear susceptibility of relaxor ferroelectrics. Journal of Physics Condensed Matter, 1998, 10, 11081-11094.	1.8	40
36	Defect-driven flexochemical coupling in thin ferroelectric films. Physical Review B, 2018, 97, .	3.2	39

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37	Universal emergence of spatially modulated structures induced by flexoantiferrodistortive coupling in multiferroics. <i>Physical Review B</i> , 2013, 88, .	3.2	37
38	Photoconductivity in $\text{KTaO}_3:\text{Li}$ single crystals. <i>Physical Review B</i> , 1994, 50, 9721-9728.	3.2	36
39	Nature of ferroelectricity in nonperovskite semiconductors like $\text{ZnO}:\text{Li}$. <i>Journal of Applied Physics</i> , 2009, 105, 104101.	2.5	36
40	Surface and finite size effects impact on the phase diagrams, polar, and dielectric properties of $(\text{Sr,Bi})\text{Ta}_2\text{O}_9$ ferroelectric nanoparticles. <i>Journal of Applied Physics</i> , 2016, 119, .	2.5	35
41	Ferroelectricity induced by oxygen vacancies in relaxors with perovskite structure. <i>Physical Review B</i> , 2018, 98, .	3.2	35
42	Surface-induced piezomagnetic, piezoelectric, and linear magnetoelectric effects in nanosystems. <i>Physical Review B</i> , 2010, 82, .	3.2	34
43	Light-induced defects in KTaO_3 . <i>Journal of Applied Physics</i> , 2003, 93, 6056-6064.	2.5	33
44	Flexocoupling impact on size effects of piezoresponse and conductance in mixed-type ferroelectric semiconductors under applied pressure. <i>Physical Review B</i> , 2016, 94, .	3.2	32
45	Valency States and Distribution of Manganese Ions in PZT Ceramics Simultaneously Doped with Mn and Nb. <i>Physica Status Solidi A</i> , 1990, 122, 341-346.	1.7	31
46	The peculiarities of the specific heat and dielectric permittivity related to the grain size distribution in ferroelectric nanomaterials. <i>Journal of Physics Condensed Matter</i> , 2004, 16, 6779-6788.	1.8	31
47	Novel room temperature multiferroics on the base of single-phase nanostructured perovskites. <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	31
48	Symmetry-breaking Ta^{4+} centers in KTaO_3 . <i>Physical Review B</i> , 1998, 58, 156-163.	3.2	30
49	Nuclear magnetic resonance study of ion ordering and ion shifts in relaxor ferroelectrics. <i>Journal of Applied Physics</i> , 1997, 81, 3561-3569.	2.5	26
50	Anion vacancy-driven magnetism in incipient ferroelectric SrTiO_3 and KTaO_3 nanoparticles. <i>Journal of Applied Physics</i> , 2011, 109, 094105.	2.5	26
51	NMR study of local structure and chemical ordering in $\text{PbMg}_{1/3}\text{Nb}_{2/3}\text{O}_3$ and $\text{PbSc}_{1/2}\text{Nb}_{1/2}\text{O}_3$ relaxor ferroelectrics. <i>Physical Review B</i> , 2003, 67, .	3.2	25
52	Ferroelectricity enhancement in ferroelectric nanotubes. <i>Phase Transitions</i> , 2007, 80, 71-77.	1.3	25
53	Relaxor ferroelectrics: from Cross superparaelectric model to random field theory. <i>Advances in Applied Ceramics</i> , 2004, 103, 76-82.	0.4	24
54	Surface-induced magnetism of the solids with impurities and vacancies. <i>Physica B: Condensed Matter</i> , 2011, 406, 1673-1688.	2.7	24

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55	New multiferroics based on $\text{EuSr}_{1-x}\text{TiO}_3$ nanotubes and nanowires. Journal of Applied Physics, 2013, 113, 024107.	2.5	24
56	Flexo-chemo effect in nanoferroics as a source of critical size disappearance at size-induced phase transitions. Journal of Applied Physics, 2016, 119, .	2.5	24
57	Cooperative phenomena in crystals containing off-center ions—dipole glass and ferroelectricity. Uspekhi Fizicheskikh Nauk, 1985, 28, 589-607.	0.3	23
58	Rhombic Fe^{3+} centers in KTaO_3 . Physica Status Solidi (B): Basic Research, 1992, 174, 325-333.	1.5	23
59	Random fields influence on dynamic properties of disordered ferroelectrics. Ferroelectrics, 1995, 169, 281-291.	0.6	23
60	Lost surface waves in nonpiezoelectric solids. Physical Review B, 2017, 96, .	3.2	23
61	Theory of phase transitions in disordered ferroelectrics allowing for nonlinear and spatial correlation effects. Journal of Physics Condensed Matter, 1997, 9, 10237-10248.	1.8	22
62	Ferroelectricity and ferromagnetism in EuTiO_3 nanowires. Physical Review B, 2011, 84, .	3.2	22
63	Electric-field induced ferromagnetic phase in paraelectric antiferromagnets. Physical Review B, 2014, 89, .	3.2	22
64	Rotomagnetic coupling in fine-grained multiferroic BiFeO_3 : Theory and experiment. Physical Review B, 2018, 97, .	3.2	22
65	Dynamic of Nb ions in PMN diffused phase transition region and its NMR investigation. Ferroelectrics, 1993, 143, 39-47.	0.6	21
66	EPR evidence of extrinsic symmetry-breaking defects in nominally pure KTaO_3 . Physical Review B, 1995, 51, 12165-12169.	3.2	21
67	NMR study of ionic shifts and polar ordering in the relaxor ferroelectric $\text{Pb}(\text{Sc}_{1/2}\text{Nb}_{1/2})\text{O}_3$. Physical Review B, 2004, 69, .	3.2	20
68	Dipolar centers in incipient ferroelectrics: Mn and Fe in KTaO_3 . Physical Review B, 2005, 71, .	3.2	20
69	Magnetolectric effect in mixed-valency oxides mediated by charge carriers. Europhysics Letters, 2008, 83, 37004.	2.0	20
70	Influence of Surface and Interface on PZT Film Optical Properties. Physica Status Solidi A, 1999, 175, 443-446.	1.7	19
71	ESR Investigation of Ytria Stabilized Zirconia Powders with Nanosize Particles. Ferroelectrics, 2004, 298, 289-296.	0.6	19
72	Interface control of a morphotropic phase boundary in epitaxial samarium modified bismuth ferrite superlattices. Physical Review B, 2014, 90, .	3.2	19

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73	Local configurational instability of in. Journal of Physics Condensed Matter, 1997, 9, 10041-10049.	1.8	18
74	Peculiarities of dielectric response of 1:1 family relaxors. Journal of Physics Condensed Matter, 1999, 11, 6263-6275.	1.8	18
75	Analytical prediction of size-induced ferroelectricity in BaO nanowires under stress. Physical Review B, 2010, 81, .	3.2	18
76	The peculiarities of dielectric susceptibility dynamics in mixed ferro-glass phase of disordered ferroelectrics. Ferroelectrics, Letters Section, 1997, 22, 113-119.	1.0	17
77	Electron spin resonance investigation of impurity and intrinsic defects in Nb-doped BaTiO ₃ single crystal and ceramics. Journal of Applied Physics, 2005, 97, 073707.	2.5	17
78	Paramagnetic impurity defects in LuAG and LuAG: Sc single crystals. Optical Materials, 2007, 30, 79-81.	3.6	17
79	Flexocoupling-induced soft acoustic modes and the spatially modulated phases in ferroelectrics. Physical Review B, 2017, 96, .	3.2	17
80	Theory of radiation induced relaxor behavior of poly(vinylidene fluoride-trifluoroethylene) copolymers. Journal of Applied Physics, 2003, 94, 5937-5944.	2.5	16
81	Low-symmetry monoclinic ferroelectric phase stabilized by oxygen octahedra rotations in strained Eu _x Sr _{1-x} TiO ₃ . Physical Review B, 2013, 87, .	3.2	16
82	Flexoinduced ferroelectricity in low-dimensional transition metal dichalcogenides. Physical Review B, 2020, 102, .	3.2	15
83	Analytical description of the size effect on pyroelectric and electrocaloric properties of ferroelectric nanoparticles. Physical Review Materials, 2019, 3, .	2.4	15
84	NMR investigation of crystals with diffused phase transitions. Ferroelectrics, 1991, 124, 255-260.	0.6	14
85	Nuclear magnetic resonance study of the relaxor ferroelectric Pb(Sc _{1/2} Nb _{1/2})O ₃ . Journal of Applied Physics, 2001, 89, 1349-1354.	2.5	14
86	The photoinduced Ti ³⁺ centre in SrTiO ₃ . Journal of Physics Condensed Matter, 2002, 14, 13813-13825.	1.8	14
87	Peculiarities of the radiospectroscopy line shape in nanomaterials. Applied Magnetic Resonance, 2003, 24, 333-342.	1.2	14
88	Dielectric and Pyroelectric Response of BaTiO ₃ -PVDF Nanocomposites. Ferroelectrics, 2005, 316, 31-41.	0.6	14
89	Linear antiferrodistortive-antiferromagnetic effect in multiferroics: Physical manifestations. Physical Review B, 2015, 92, .	3.2	14
90	Size effects of ferroelectric and magnetoelectric properties of semi-ellipsoidal bismuth ferrite nanoparticles. Journal of Alloys and Compounds, 2017, 714, 303-310.	5.5	14

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91	Paraelectric resonance of noncentral ions. Uspekhi Fizicheskikh Nauk, 1975, 17, 691-704.	0.3	13
92	The influence of manganese admixture on the properties of PLZT ceramics. Ferroelectrics, 1992, 131, 233-237.	0.6	13
93	The charge state of manganese, titanium and chromium ions and its influence on the properties of the lead titanate-zirconate solid solutions. Ferroelectrics, 1992, 127, 89-94.	0.6	13
94	Impurities in nominally pure KTaO ₃ : evidence from electron spin resonance. Journal of Physics Condensed Matter, 1995, 7, 2605-2614.	1.8	13
95	ESR study of impurities in strontium titanate films. Physics of the Solid State, 2001, 43, 841-844.	0.6	13
96	Flexoelectricity induced spatially modulated phases in ferroics and liquid crystals. Journal of Molecular Liquids, 2018, 267, 550-559.	4.9	13
97	The nature of different behaviour of PSN and PST relaxors. Ferroelectrics, 2000, 240, 1507-1514.	0.6	12
98	Optical refraction index and polarization profile of ferroelectric thin films. Integrated Ferroelectrics, 2001, 38, 101-110.	0.7	12
99	Influence of semiconducting electrodes on properties of thin ferroelectric films. Physica Status Solidi (B): Basic Research, 2006, 243, 542-554.	1.5	12
100	Influence of Built-In Internal Electric Field on Ferroelectric Film Properties and Phase Diagram. Ferroelectrics, 2007, 354, 86-98.	0.6	12
101	Correlation Between Corrugation-Induced Flexoelectric Polarization and Conductivity of Low-Dimensional Transition Metal Dichalcogenides. Physical Review Applied, 2021, 15, .	3.8	12
102	The study of polycrystalline PbMg _{1/3} Nb _{2/3} O ₃ by the electron paramagnetic resonance of Fe ³⁺ ions. Journal of Physics Condensed Matter, 1994, 6, 3421-3428.	1.8	11
103	Relaxor ferroelectrics in the random field theory framework. Ferroelectrics, 1997, 199, 11-24.	0.6	11
104	Physical mechanisms responsible for the relaxation time distribution in disordered dielectrics. Physics of the Solid State, 2002, 44, 946-952.	0.6	11
105	Size-induced appearance of ferroelectricity in thin antiferroelectric films. Physica B: Condensed Matter, 2007, 400, 106-113.	2.7	11
106	Specific features of oxygen-ionic conduction in oxide nanoceramics. Physics of the Solid State, 2006, 48, 2199-2204.	0.6	10
107	Ferromagnetism induced by magnetic vacancies as a size effect in thin films of nonmagnetic oxides. Thin Solid Films, 2013, 534, 685-692.	1.8	10
108	Control of the impurity and proper defects in lithium niobate crystals by esr and endor methods. Ferroelectrics, 1989, 92, 83-87.	0.6	9

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109	Rudermanâ€Kittelâ€like interaction of electric dipoles in systems with carriers. Physica Status Solidi (B): Basic Research, 1992, 174, 193-197.	1.5	9
110	Investigation of ion displacements and dynamics in crystal with difused phase transitions by the method of NMR. Ferroelectrics, 1994, 156, 273-278.	0.6	9
111	Dynamical dielectric susceptibility of ferroelectric thin films and multilayers. Physics of the Solid State, 2002, 44, 953-963.	0.6	9
112	Appearance of ferroelectricity in thin films of incipient ferroelectric. Physica Status Solidi (B): Basic Research, 2007, 244, 3660-3672.	1.5	9
113	Impact of Free Charges on Polarization and Pyroelectricity in Antiferrodistortive Structures and Surfaces Induced by a Flexoelectric Effect. Ferroelectrics, 2012, 438, 32-44.	0.6	9
114	Landau-Ginzburg description of anomalous properties of novel room temperature multiferroics $Pb(Fe_{1/2}Ta_{1/2})_x(Zr_{0.53}Ti_{0.47})_{1-x}O_3$ and $Pb(Fe_{1/2}Nb_{1/2})_x(Zr_{0.53}Ti_{0.47})_{1-x}O_3$. Journal of Applied Physics, 2016, 119, .	2.5	9
115	Spontaneous flexoelectric effect in nanosystems (topical review). Ferroelectrics, 2016, 500, 90-98.	0.6	9
116	Correlation radius of polarization fluctuations in the disordered ferroelectrics. Applied Physics Letters, 2002, 80, 646-648.	3.3	8
117	Impurity and Intrinsic Defects in Barium Titanate Ceramics and Their Influence on PTCR Effect. Ferroelectrics, 2003, 288, 243-251.	0.6	8
118	The Vogel-Fulcher law as a criterion for identifying a mixed ferroelectric-glass phase in potassium tantalate doped with lithium. Physics of the Solid State, 2004, 46, 1262-1269.	0.6	8
119	Rotomagnetic couplings influence on the magnetic properties of antiferrodistortive antiferromagnets. Journal of Applied Physics, 2015, 118, .	2.5	8
120	The peculiarities of glass state formation and the role of random elastic fields in mixed crystals of the KH_2PO_4 family. Journal of Physics Condensed Matter, 1994, 6, 2869-2880.	1.8	7
121	A new low-temperature state in a La-modified lead zirconate titanate relaxor. Europhysics Letters, 1999, 46, 351-356.	2.0	7
122	Impurity centers in a barium titanate ceramic doped with rare-earth ions. Physics of the Solid State, 1999, 41, 1688-1692.	0.6	7
123	Description of ferroelectric phase transitions in solid solutions of relaxors in the framework of the random-field theory. Physics of the Solid State, 2001, 43, 1299-1306.	0.6	7
124	Anomalies of Dielectric Response in Mixed Ferro-Glass Phase of Potassium Tantalate Doped by Lithium. Ferroelectrics, 2004, 298, 171-182.	0.6	7
125	Depolarization Field in Thin Ferroelectric Films With Account of Semiconductor Electrodes. Ferroelectrics, 2005, 316, 1-6.	0.6	7
126	Static properties of relaxor ferroelectric thin films. Journal of Applied Physics, 2007, 102, 104110.	2.5	7

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127	Antiferroelectric thin films phase diagrams. Phase Transitions, 2007, 80, 47-54.	1.3	7
128	Investigation of ferroelectric nanopowders by EPR method. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 1297-1300.	0.8	7
129	Effect of electrodes on the properties of a thin ferroelectric film. Physics of the Solid State, 2008, 50, 472-477.	0.6	7
130	Misfit strain induced magnetoelectric coupling in thin ferroic films. Journal of Applied Physics, 2009, 105, 084108.	2.5	7
131	Structure of lead zirconium oxide: Evidence from NMR. EPJ Applied Physics, 1999, 7, 13-17.	0.7	6
132	Nondestructive investigations of the depth profile of PZT ferroelectric films. Ferroelectrics, 2001, 264, 151-156.	0.6	6
133	Ellipsometry investigation of perovskite/pyrochlore PZT thin film stacks. Ferroelectrics, 2001, 258, 271-276.	0.6	6
134	Distribution of correlation radii in disordered ferroelectrics. Applied Physics Letters, 2002, 81, 4808-4810.	3.3	6
135	Enhanced ferroelectric phase-transition temperature in perovskite-based solid solutions. Physical Review B, 2004, 70, .	3.2	6
136	Depolarization Field and Properties of Thin Ferroelectric Films with Inclusion of the Electrode Effect. Physics of the Solid State, 2005, 47, 1331.	0.6	6
137	Local structure and electron spin resonance of copper-doped SrTiO ₃ ceramics. Journal of Materials Science, 2013, 48, 4016-4022.	3.7	6
138	Phase transitions in disordered ferroelectrics with two types of random site electric dipole. Journal of Physics Condensed Matter, 1995, 7, 6939-6950.	1.8	5
139	⁴⁵ Sc and ⁹³ Nb NMR in relaxors. Ferroelectrics, 2000, 240, 1473-1478.	0.6	5
140	Defects in Perovskites Induced by Illumination. , 2000, , 367-378.		5
141	Ellipsometry and LMM investigations of the interaction between PZT thin films and platinum electrodes and air. Ferroelectrics, 2001, 254, 205-211.	0.6	5
142	The description of size effects in films of order-disorder ferroelectrics on the basis of the renormalized free energy. Physica Status Solidi (B): Basic Research, 2004, 241, 3495-3504.	1.5	5
143	Size effects in thin films of order-disorder ferroelectrics allowing for the depolarization field. Physica Status Solidi (B): Basic Research, 2004, 241, R52-R55.	1.5	5
144	Surface Tension and Mismatch Effects in Ferroelectric Thin Film Properties. Ferroelectrics, 2004, 298, 83-96.	0.6	5

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145	Redox processes at grain boundaries in barium titanate-based polycrystalline ferroelectrics semiconductors. <i>Journal of Materials Science</i> , 2008, 43, 3320-3326.	3.7	5
146	Room-temperature ferroelectricity, superparamagnetism and large magnetoelectricity of solid solution $\text{PbFe}_{1/2}\text{Ta}_{1/2}\text{O}_3$ with $(\text{PbMg}_{1/3}\text{Nb}_{2/3}\text{O}_3)_{0.7}(\text{PbTiO}_3)_{0.3}$. <i>Journal of Materials Science</i> , 2020, 55, 1399-1413.	3.7	5
147	ESR Studies of Dipole Impurities in Incipient Ferroelectric KTaO_3 : Li. <i>Japanese Journal of Applied Physics</i> , 1985, 24, 670.	1.5	5
148	Electron Spin Resonance of Iron Rhombic Centers in KTaO_3 . <i>Physica Status Solidi (B): Basic Research</i> , 1991, 168, K27.	1.5	4
149	FE3+EPR investigation of PLZT 1/65/35 and 8/65/35. <i>Ferroelectrics, Letters Section</i> , 1994, 18, 191-196.	1.0	4
150	Role of elastic fields in forming of glass state of $\text{Rb}_{1-x}(\text{NH}_4)_x\text{H}_2\text{PO}_4$ mixed crystals. <i>Ferroelectrics</i> , 1994, 156, 267-272.	0.6	4
151	Local-structure model of rhombic-symmetry Fe^{3+} centre in KTaO_3 . <i>Solid State Communications</i> , 1999, 110, 173-178.	1.9	4
152	Light-induced intrinsic defects in PLZT ceramics. <i>Physics of the Solid State</i> , 2000, 42, 2258-2264.	0.6	4
153	Relaxation time distribution function. <i>Ferroelectrics</i> , 2000, 240, 1495-1505.	0.6	4
154	Phase diagram of mixed ferroelectrics. <i>Ferroelectrics</i> , 2001, 254, 27-39.	0.6	4
155	^{93}Nb NMR Investigation of the Relaxor Ferroelectric $\text{PbMg}_{1/3}\text{Nb}_{2/3}\text{O}_3$. <i>Physica Status Solidi (B): Basic Research</i> , 2001, 228, 757-763.	1.5	4
156	Low Temperature Dielectric Behavior in Iron Doped KTaO_3 . <i>Ferroelectrics</i> , 2002, 268, 423-428.	0.6	4
157	Random Field Distribution Function in the Relaxor Ferroelectric Thin Films. <i>Ferroelectrics</i> , 2004, 298, 69-81.	0.6	4
158	Random Field Based Model for Calculation of the Properties of Relaxor Ferroelectric Thin Films. <i>Ferroelectrics</i> , 2005, 316, 167-175.	0.6	4
159	Variation in the EPR characteristics of nanosized zirconia particles under exposure to X-ray radiation and annealing in hydrogen. <i>Physics of the Solid State</i> , 2008, 50, 2311-2316.	0.6	4
160	Correlation Radius in Thin Ferroelectric Films. <i>Ferroelectrics</i> , 2010, 400, 243-254.	0.6	4
161	Oxide nanomaterials with properties absent in bulk (Author Review). <i>Powder Metallurgy and Metal Ceramics</i> , 2013, 52, 32-38.	0.8	4
162	New trends in fundamental research due to the spontaneous flexoelectric effect in nanosized and bulk ferroelectrics. <i>Ferroelectrics</i> , 2018, 532, 67-88.	0.6	4

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163	Localized impurity dipole moments and impurity induced phase transitions (Li:KTaO ₃). <i>Ferroelectrics</i> , 1985, 64, 1-10.	0.6	3
164	An ESR Study of Li ⁺ Impurity Ion Deformational Fields in KTaO ₃ . <i>Physica Status Solidi (B): Basic Research</i> , 1990, 161, 843-851.	1.5	3
165	PbZrO ₃ crystal structure investigation by EPR of Gd ³⁺ . <i>Ferroelectrics</i> , 1993, 143, 195-199.	0.6	3
166	NMR investigation of mixed relaxors xPMN-(1-x)PSN. <i>Ferroelectrics</i> , 1997, 199, 173-185.	0.6	3
167	Photoinduced centers in the optically transparent ceramic PLZT 8/65/35. <i>Physics of the Solid State</i> , 1997, 39, 1638-1641.	0.6	3
168	Raman scattering from relaxor ferroelectrics and related compounds. <i>Ferroelectrics</i> , 1999, 235, 9-18.	0.6	3
169	ESR investigation of ferroelectric films. <i>Integrated Ferroelectrics</i> , 2001, 32, 159-167.	0.7	3
170	ESR of Y and Pb-doped BaTiO ₃ ceramics with positive temperature coefficient of resistivity. <i>Ferroelectrics</i> , 2001, 254, 383-391.	0.6	3
171	Mixed systems of ferroelectric relaxors. <i>Ferroelectrics</i> , 2001, 254, 13-26.	0.6	3
172	Photoinduced Ti ³⁺ center in SrTiO ₃ . <i>Ferroelectrics</i> , 2001, 254, 393-401.	0.6	3
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