

Andrew Bell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3382653/publications.pdf>

Version: 2024-02-01

144
papers

5,065
citations

109311

35
h-index

95259

68
g-index

149
all docs

149
docs citations

149
times ranked

3730
citing authors

#	ARTICLE	IF	CITATIONS
1	On the phase identity and its thermal evolution of lead free (Bi _{1/2} Na _{1/2})TiO ₃ -6 mol% BaTiO ₃ . Journal of Applied Physics, 2011, 110, .	2.5	749
2	Relationships between dopants, microstructure and the microwave dielectric properties of ZrO ₂ -TiO ₂ -SnO ₂ ceramics. Journal of Materials Science, 1992, 27, 6303-6310.	3.7	225
3	Phenomenologically derived electric field-temperature phase diagrams and piezoelectric coefficients for single crystal barium titanate under fields along different axes. Journal of Applied Physics, 2001, 89, 3907-3914.	2.5	196
4	Requirements for the transfer of lead-free piezoceramics into application. Journal of Materiomics, 2018, 4, 13-26.	5.7	187
5	Lead-free piezoelectrics—The environmental and regulatory issues. MRS Bulletin, 2018, 43, 581-587.	3.5	178
6	Evidence for domain-type dynamics in the ergodic phase of the PbMg _{1/3} Nb _{2/3} O ₃ relaxor ferroelectric. Physical Review B, 1996, 53, 11281-11284.	3.2	177
7	Large Electrostrictive Strain in (Bi _{0.5} Na _{0.5})TiO ₃ Solid Solutions. Journal of the American Ceramic Society, 2014, 97, 848-853.	13.1	86
8	High-Performance Piezoelectric Crystals, Ceramics, and Films. Annual Review of Materials Research, 2018, 48, 191-217.	9.3	137
9	The effect of grain size on the permittivity of BaTiO ₃ . Ferroelectrics, 1984, 54, 147-150.	0.6	136
10	Processing and electrical properties of BiFeO ₃ -PbTiO ₃ ceramics. Materials Letters, 2004, 58, 3844-3846.	2.6	122
11	A phenomenological gibbs function for BaTiO ₃ giving correct e field dependence of all ferroelectric phase changes. Ferroelectrics, 1984, 59, 197-203.	0.6	115
12	Piezoelectric materials for high temperature transducers and actuators. Journal of Materials Science: Materials in Electronics, 2015, 26, 9256-9267.	2.2	109
13	Calculations of dielectric properties from the superparaelectric model of relaxors. Journal of Physics Condensed Matter, 1993, 5, 8773-8792.	1.8	106
14	Electrocaloric enhancement near the morphotropic phase boundary in lead-free NBT-KBT ceramics. Applied Physics Letters, 2015, 107, .	3.3	102
15	Electric-field-induced phase switching in the lead free piezoelectric potassium sodium bismuth titanate. Applied Physics Letters, 2010, 97, .	3.3	78
16	Ferroelectrics: The role of ceramic science and engineering. Journal of the European Ceramic Society, 2008, 28, 1307-1317.	5.7	76
17	Leakage mechanisms in bismuth ferrite-lead titanate thin films on Pt-Si substrates. Applied Physics Letters, 2008, 92, .	3.3	76
18	Factors influencing the piezoelectric behaviour of PZT and other morphotropic phase boundary ferroelectrics. Journal of Materials Science, 2006, 41, 13-25.	3.7	67

#	ARTICLE	IF	CITATIONS
19	Large remanent polarization in ferroelectric BiFeO ₃ /PbTiO ₃ thin films on Pt/Si substrates. Applied Physics Letters, 2007, 91, .	3.3	67
20	Pyroelectric ceramics in the lead zirconate-lead titanate-lead iron niobate system. Ferroelectrics, 1981, 35, 155-160.	0.6	66
21	High-temperature (1-x)BiSc _{1-2x} Fe _{2x} O _{3-x} PbTiO ₃ piezoelectric ceramics. Applied Physics Letters, 2005, 87, 242901.	3.3	63
22	Correlations between transition temperature, tolerance factor and cohesive energy in 2+4+ perovskites. Journal of Physics Condensed Matter, 2007, 19, 176201.	1.8	60
23	Structure of Ba(Y _{0.31} Ta _{0.51})O ₃ and its dielectric properties in the range 10 ² –10 ⁴ Hz, 20–600 K. Journal of Applied Physics, 1994, 76, 5864-5873.	2.5	56
24	Heterogeneity of fatigue in bulk lead zirconate titanate. Acta Materialia, 2005, 53, 2203-2213.	7.9	51
25	Piezoelectric properties of BiFeO ₃ /PbTiO ₃ ceramics. European Physical Journal Special Topics, 2005, 128, 13-17.	0.2	51
26	Diffuse dielectric behaviour in Na _{0.5} K _{0.5} NbO ₃ /LiTaO ₃ /BiScO ₃ lead-free ceramics. Materials Chemistry and Physics, 2011, 129, 411-417.	4.0	51
27	Investigation of high Curie temperature (1-x)BiSc _{1-y} FeyO _{3-x} PbTiO ₃ piezoelectric ceramics. Journal of Applied Physics, 2009, 106, .	2.5	50
28	In situ production of titanium dioxide nanoparticles in molten salt phase for thermal energy storage and heat-transfer fluid applications. Journal of Nanoparticle Research, 2016, 18, 150.	1.9	47
29	Reporting Excellent Transverse Piezoelectric and Electro-Optic Effects in Transparent Rhombohedral PMN-PT Single Crystal by Engineered Domains. Advanced Materials, 2021, 33, e2103013.	21.0	43
30	Multiferroic Clusters: A New Perspective for Relaxor-type Room-Temperature Multiferroics. Advanced Functional Materials, 2016, 26, 2111-2121.	14.9	42
31	Relaxors as superparaelectrics with distributions of the local transition temperature. Journal of Physics Condensed Matter, 1995, 7, 4145-4168.	1.8	40
32	Dependence of breakdown field on dielectric (inter-electrode) thickness in base-metal electroded multilayer capacitors. Applied Physics Letters, 2007, 90, 112910.	3.3	38
33	Lead loss, preferred orientation, and the dielectric properties of sol-gel prepared lead titanate thin films. Applied Physics Letters, 1994, 65, 2678-2680.	3.3	37
34	Change in periodicity of the incommensurate magnetic order towards commensurate order in bismuth ferrite lead titanate. Journal of Magnetism and Magnetic Materials, 2010, 322, L64-L67.	2.3	37
35	Phase-specific magnetic ordering in BiFeO ₃ /PbTiO ₃ . Applied Physics Letters, 2008, 93, .	3.3	35
36	Tailoring the structure and piezoelectric properties of BiFeO ₃ -(K _{0.5} Bi _{0.5})TiO ₃ /PbTiO ₃ ceramics for high temperature applications. Applied Physics Letters, 2013, 103, .	3.3	35

#	ARTICLE	IF	CITATIONS
37	Flux growth of BiFeO ₃ –PbTiO ₃ single crystals. Journal of Crystal Growth, 2005, 285, 156-161.	1.5	34
38	High temperature piezoelectric ceramics in the Bi(Mg _{1/2} Ti _{1/2})O ₃ -BiFeO ₃ -BiScO ₃ -PbTiO ₃ system. Journal of Electroceramics, 2010, 25, 130-134.	2.0	34
39	Ferroelasticity and R-Curve Behavior in BiFeO ₃ -PbTiO ₃ . Journal of the American Ceramic Society, 2006, 89, 1761-1763.	3.8	33
40	Growth and characterization of tetragonal bismuth ferrite–lead titanate thin films. Acta Materialia, 2008, 56, 2110-2118.	7.9	32
41	High voltage coefficient piezoelectric materials and their applications. Journal of the European Ceramic Society, 2021, 41, 6115-6129.	5.7	32
42	Processing and properties of thin film pyroelectric devices. Microelectronic Engineering, 1995, 29, 93-96.	2.4	31
43	Deposition of PbTiO ₃ films on Pt/Si substrates using pulsed laser deposition. Journal of the European Ceramic Society, 2008, 28, 591-597.	5.7	31
44	Shift in Morphotropic Phase Boundary in La-Doped BiFeO ₃ –PbTiO ₃ Piezoceramics. Japanese Journal of Applied Physics, 2009, 48, 120205.	1.5	31
45	Morphotropic Phase Boundary in the Pb–Free (1 – x) Bi _{1-x} Ti _x O ₃ System: Tetragonal Polarization and Enhanced Electromechanical Properties. Advanced Materials, 2015, 27, 2883-2889.	21.0	31
46	Electron backscatter diffraction mapping of herringbone domain structures in tetragonal piezoelectrics. Journal of Applied Physics, 2008, 104, .	2.5	29
47	Crystallographic and magnetic identification of secondary phase in orientated Bi ₅ Fe _{0.5} Co _{0.5} Ti ₃ O ₁₅ ceramics. Journal of Applied Physics, 2012, 112, 073919.	2.5	29
48	Multiferroic properties of BiFeO ₃ -(K _{0.5} Bi _{0.5})TiO ₃ ceramics. Materials Letters, 2013, 94, 172-175.	2.6	29
49	Expanding the application space for piezoelectric materials. APL Materials, 2021, 9, .	5.1	29
50	High temperature neutron diffraction studies of 0.9BiFeO ₃ –0.1PbTiO ₃ . Journal of Applied Physics, 2009, 105, .	2.5	28
51	Observation of a time-dependent structural phase transition in potassium sodium bismuth titanate. Applied Physics Letters, 2011, 98, .	3.3	28
52	Antiferromagnetic order in tetragonal bismuth ferrite–lead titanate. Journal of Magnetism and Magnetic Materials, 2011, 323, 2533-2535.	2.3	28
53	Local resistive switching of Nd doped BiFeO ₃ thin films. Applied Physics Letters, 2012, 100, .	3.3	28
54	Temperature dependence of the intrinsic and extrinsic contributions in BiFeO ₃ -(K _{0.5} Bi _{0.5})TiO ₃ -PbTiO ₃ piezoelectric ceramics. Journal of Applied Physics, 2014, 116, .	2.5	28

#	ARTICLE	IF	CITATIONS
55	A thin film pyroelectric detector. Integrated Ferroelectrics, 1995, 6, 231-240.	0.7	27
56	On the origin of the large piezoelectric effect in morphotropic phase boundary perovskite single crystals. Applied Physics Letters, 2000, 76, 109-111.	3.3	27
57	Dielectric Measurements on High- Q Ceramics in the Microwave Region. Journal of the American Ceramic Society, 1997, 80, 1095-1100.	3.8	26
58	Phase diagram and structure-property relationships in the lead-free piezoelectric system: $\text{Na}_{0.5}\text{K}_{0.5}\text{NbO}_3\text{-LiTaO}_3$. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2011, 58, 1819-1825.	3.0	26
59	Exceptionally large piezoelectric strains in $\text{BiFeO}_3\text{-}(K_{0.5}\text{Bi}_{0.5})\text{TiO}_3\text{-PbTiO}_3$ ceramics. Scripta Materialia, 2013, 68, 491-494.	5.2	26
60	Chemical control of octahedral tilting and off-axis A cation displacement allows ferroelectric switching in a bismuth-based perovskite. Chemical Science, 2012, 3, 1426.	7.4	25
61	Dielectric and piezoelectric properties in the lead-free system $\text{Na}_{0.5}\text{K}_{0.5}\text{NbO}_3\text{-BiScO}_3\text{-LiTaO}_3$. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2011, 58, 1811-1818.		
62	PENDEXE: A novel energy harvesting concept for low frequency human waistline. Sensors and Actuators A: Physical, 2015, 222, 39-47.	4.1	23
63	Synthesis of nano-structured $\text{Bi}_{1-x}\text{Ba}_x\text{FeO}_3$ ceramics with enhanced magnetic and electrical properties. Materials Chemistry and Physics, 2015, 162, 106-112.	4.0	22
64	Synthesis of the ferroelectric solid solution, $\text{Pb}(\text{Zr}_{1-x}\text{Ti}_x)\text{O}_3$ on a single substrate using a modified molecular beam epitaxy technique. Applied Physics Letters, 2007, 90, 202907.	3.3	21
65	Electrical conductivity in uranium doped, modified lead zirconate pyroelectric ceramics. Ferroelectrics, 1981, 37, 543-546.	0.6	19
66	Improved Compaction in Multilayer Capacitor Fabrication. Journal of the European Ceramic Society, 1999, 19, 1691-1695.	5.7	18
67	Ferroelectric $\text{BiFeO}_3\text{-PbTiO}_3$ thin films on Pt/Si substrates. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2007, 54, 2583-2586.	3.0	18
68	Investigation of dielectric and piezoelectric properties of niobium-modified PLSZFT nanoceramics for sensor and actuator applications. Journal of Alloys and Compounds, 2009, 473, 330-335.	5.5	18
69	Ferroelectric Behavior in Exfoliated 2D Aurivillius Oxide Flakes of Sub-Unit Cell Thickness. Advanced Electronic Materials, 2020, 6, 1901264.	5.1	18
70	Choice of tip, signal stability, and practical aspects of piezoresponse-force-microscopy. Review of Scientific Instruments, 2015, 86, 083707.	1.3	17
71	Electric field dependent local structure of PbTiO_3 . Physical Review B, 2017, 96, .	3.2	17
72	Pressure induced para-antiferromagnetic switching in $\text{BiFeO}_3\text{-PbTiO}_3$ as determined using in-situ neutron diffraction. Journal of Applied Physics, 2013, 113, 183910.	2.5	16

#	ARTICLE	IF	CITATIONS
73	Perovskite B-site Compositional Control of [110] _p Polar Displacement Coupling in an Ambient-Pressure Stable Bismuth-based Ferroelectric. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10770-10775.	13.8	15
74	Domain wall contributions to piezoelectricity in relaxor-lead titanate single crystals. <i>Acta Materialia</i> , 2020, 195, 292-303.	7.9	15
75	Calculations of finite size effects in barium titanate. <i>Ferroelectrics, Letters Section</i> , 1993, 15, 133-140.	1.0	14
76	Electron backscatter diffraction as a domain analysis technique in BiFeO ₃ -PbTiO ₃ single crystals. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2008, 55, 957-962.	3.0	14
77	A Two-Parameter Thermodynamic Model for PZT. <i>Ferroelectrics</i> , 2003, 293, 19-31.	0.6	12
78	Processing of Nanoparticulate Bismuth Ferrite Lead Titanate (BFPT) Through High-Energy Milling. <i>Journal of the American Ceramic Society</i> , 2005, 88, 2608-2610.	3.8	12
79	The influence of oxygen vacancies on piezoelectricity in samarium-doped Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ ceramics. <i>Journal of the American Ceramic Society</i> , 2021, 104, 2678-2688.	3.8	12
80	Highly charged 180 degree head-to-head domain walls in lead titanate. <i>Communications Physics</i> , 2020, 3, .	5.3	12
81	Landau-Devonshire derived phase diagram of the BiFeO ₃ -PbTiO ₃ solid solution. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	9
82	One Site, Two Cations, Three Environments: s ² and s ⁰ Electronic Configurations Generate Pb-Free Relaxor Behavior in a Perovskite Oxide. <i>Journal of the American Chemical Society</i> , 2021, 143, 1386-1398.	13.7	9
83	A Two Order Parameter Thermodynamic Model for Pb(Zr _{1-x} Ti _x)O ₃ . <i>Japanese Journal of Applied Physics</i> , 2003, 42, 7418-7423.	1.5	8
84	Imaging of domains in single crystals of BiFeO ₃ -PbTiO ₃ using various microscopy techniques. <i>Journal of Physics: Conference Series</i> , 2006, 26, 239-242.	0.4	8
85	Epitaxial Bi ₉ Ti ₃ Fe ₅ O ₂₇ thin films: a new type of layer-structure room-temperature multiferroic. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7720-7725.	5.5	8
86	TfC13. Rapid thermal processing of PZT thin films. <i>Ferroelectrics</i> , 1992, 134, 285-290.	0.6	7
87	Pulsed laser deposition and characterization of (BiFeO ₃) _{0.7} -(PbTiO ₃) _{0.3} thin films. <i>Journal of Physics: Conference Series</i> , 2006, 26, 288-291.	0.4	7
88	LASER TRANSFER PROCESSING AND THE INTEGRATION OF FERROELECTRIC FILMS. <i>Integrated Ferroelectrics</i> , 2009, 106, 40-48.	0.7	7
89	Microstructure development of BiFeO ₃ -PbTiO ₃ films deposited by pulsed laser deposition on platinum substrates. <i>Acta Materialia</i> , 2014, 66, 44-53.	7.9	7
90	A classical mechanics model for the interpretation of piezoelectric property data. <i>Journal of Applied Physics</i> , 2015, 118, .	2.5	7

#	ARTICLE	IF	CITATIONS
91	Temperature Dependence of Domain Contributions as a Function of Aging in Soft and Hard Lead Zirconate Titanate Piezoelectric Ceramics. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2017, 64, 1023-1028.	3.0	7
92	Effects of poling and crystallinity on the dielectric properties of $\text{Pb}(\text{In}_{1/2}\text{Nb}_{1/2})\text{O}_3\text{-Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-PbTiO}_3$ at cryogenic temperatures. Scientific Reports, 2019, 9, 2442.	3.3	6
93	Exploring domain continuity across BaTiO_3 grain boundaries: Theory meets experiment. Acta Materialia, 2022, 235, 118096.	7.9	6
94	Electron Backscattered Diffraction of MonoCrystalline Bismuth Titanate. Journal of the American Ceramic Society, 2010, 93, 3604-3606.	3.8	5
95	The effect of post deposition anneal temperature on the structure of $\text{BiFeO}_3\text{-PbTiO}_3$ thin films. Thin Solid Films, 2012, 524, 26-29.	1.8	5
96	Variation of Piezoelectric properties and mechanisms across the relaxor-like/Ferroelectric continuum in $\text{BiFeO}_3\text{-}(\text{K}_{0.5}\text{Bi}_{0.5})\text{TiO}_3\text{-PbTiO}_3$ ceramics. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2015, 62, 33-45.	3.0	5
97	Macroscopic polarization in the nominally ergodic relaxor state of lead magnesium niobate. Applied Physics Letters, 2020, 117, .	3.3	5
98	Internal Stress and Phase Coexistence in Bismuth Ferrite-Lead Titanate Ceramics. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	4
99	Effect of different templates on reactive templated grain growth of $\text{BiFeO}_3\text{-PbTiO}_3$. , 2010, , .		4
100	Characterization of thick bismuth ferrite-lead titanate films processed by tape casting and templated grain growth. Journal of the European Ceramic Society, 2015, 35, 4453-4458.	5.7	4
101	Balancing hyperbole and impact in research communications related to lead-free piezoelectric materials. Journal of Materials Science, 2020, 55, 10971-10974.	3.7	4
102	DiC7: An orientational glass model of electrostriction in relaxor dielectrics. Ferroelectrics, 1992, 133, 115-120.	0.6	3
103	Low-loss passive alignment of single-mode fibers in low-temperature cofired ceramics using CO_2 laser fabricated U-grooves. Applied Optics, 2006, 45, 9168.	2.1	3
104	Factors influencing the piezoelectric behaviour of PZT and other a-c morphotropic phase boundary ferroelectrics. , 2006, , 13-25.		3
105	Towards the development of efficient low frequency piezoelectric energy harvesters. , 2010, , .		3
106	Influence of the thickness on structural, magnetic and electrical properties of $\text{BiFeO}_3\text{-PbTiO}_3$ thin film prepared by pulsed laser deposition. , 2010, , .		3
107	Reactive template grain growth of $\text{BiFeO}_3\text{-PbTiO}_3$ by using $\text{Bi}_4\text{Ti}_3\text{O}_{12}$, $\text{PbBi}_4\text{Ti}_4\text{O}_{15}$ and SrTiO_3 as templates. , 2011, , .		3
108	Intermodulation distortion in wide-band dual-mode bulk ferroelectric bandpass filters. , 2005, , .		2

#	ARTICLE	IF	CITATIONS
109	Growth and Characterization of High Quality BiFeO ₃ -PbTiO ₃ Single Crystals. Integrated Ferroelectrics, 2012, 132, 1-8.	0.7	2
110	Synchrotron texture analysis of thick BiFeO ₃ -PbTiO ₃ layers synthesised by tape casting using Aurivillius and non-Aurivillius templates. , 2012, , .		2
111	Electric-field-induced phase switching in textured Ba-doped bismuth ferrite lead titanate. , 2013, , .		2
112	Reversible piezomagnetolectric switching in bulk polycrystalline ceramics. APL Materials, 2014, 2, 086105.	5.1	2
113	Development of New High Temperature Piezoelectric Materials. Applications of Ferroelectrics, IEEE International Symposium on, 2006, , .	0.0	1
114	Molten-Salt Synthesis of Bismuth Titanate and Fabrication of PbTiO ₃ -based Textured Ceramics. Applications of Ferroelectrics, IEEE International Symposium on, 2006, , .	0.0	1
115	Impedance Spectroscopy of Mn-Doped BiFeO ₃ -PbTiO ₃ Ceramics. Applications of Ferroelectrics, IEEE International Symposium on, 2006, , .	0.0	1
116	The dependence of polar cluster characteristics on composition in (1-x)Pb(Mg _{1-3x} Nb _{2+3x})O ₃ -xLa(Mg _{2-3x} Nb _{1+3x})O ₃ relaxor dielectrics. Journal of Applied Physics, 2006, 99, 124104.	2.5	1
117	Study of intrinsic / extrinsic piezoelectric contributions in La-doped BiFeO ₃ - PbTiO ₃ ceramics using the Rayleigh method. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	1
118	Introduction to the special issue on electroceramics. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2009, 56, 1784-1784.	3.0	1
119	Synthesis of platelets Bi ₅ Fe _{0.5} Co _{0.5} Ti ₃ O ₁₅ via the molten salt method. , 2010, , .		
120	Texture analysis of thick bismuth ferrite lead titanate layers. , 2014, , .		1
121	Simple technique for high-throughput marking of distinguishable micro-areas for microscopy. Journal of Microscopy, 2016, 262, 28-32.	1.8	1
122	Towards a new type of electrochemical sensor system for process control. Progress in Biotechnology, 2000, , 345-352.	0.2	0
123	55 years of ferroelectrics. Advances in Applied Ceramics, 2004, 103, 49-50.	0.4	0
124	Comparison of Surface and Bulk Crystal Structure in the xBiFeO ₃ -(1-x)PbTiO ₃ Solid Solution System. Applications of Ferroelectrics, IEEE International Symposium on, 2006, , .	0.0	0
125	Impedance Spectroscopy of Mn-Doped BiFeO ₃ -PbTiO ₃ Ceramics. Applications of Ferroelectrics, IEEE International Symposium on, 2006, , .	0.0	0
126	Synthesis, Structure and Properties of Pulsed Laser Deposited BiFeO ₃ -PbTiO ₃ Thin Films. Applications of Ferroelectrics, IEEE International Symposium on, 2006, , .	0.0	0

#	ARTICLE	IF	CITATIONS
127	Synthesis of the Ferroelectric Solid Solution, $\text{Pb}(\text{Zr}_{1-x}\text{Ti}_x)\text{O}_3$ on a Single Substrate Using a Modified Molecular Beam Epitaxy Technique. Materials Research Society Symposia Proceedings, 2007, 1034, 134.	0.1	0
128	Preparation and properties of tetragonal bismuth ferrite lead titanate thin films using pulsed laser deposition. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
129	Electron-Backscattered Diffraction (EBSD) as a domain analysis technique in BiFeO_3 - PbTiO_3 . Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
130	Molten-Salt Processing of BFPT. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
131	Multiferroic (ferroelectro-magnetic) properties of bismuth ferrite lead titanate $(\text{BiFeO}_3)_{1-x}(\text{PbTiO}_3)_x$. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
132	Synthesis of the Ferroelectric Solid Solution, $\text{Pb}(\text{Zr}_{1-x}\text{Ti}_x)\text{O}_3$ on a Single Substrate Using a Modified Molecular Beam Epitaxy (MBE) Technique. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
133	Introduction to the special issue on the applications of ferroelectrics - part I. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2007, 54, 2418-2421.	3.0	0
134	Introduction to the special issue on the applications of ferroelectrics: Part II. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2008, 55, 938-941.	3.0	0
135	Structure-property relations in multifunctional bismuth ferrite - lead titanate. , 2008, , .		0
136	Lowering the centre frequency of thick film PZT devices using acoustically matched backing layers. , 2009, , .		0
137	Dielectric and piezoelectric properties in the lead-free system $\text{Na}_{0.5}\text{K}_{0.5}\text{NbO}_3$ - LiTaO_3 - BiScO_3 , 2010, , .		
138	Flux growth and characterisation of rhombohedral BiFeO_3 - PbTiO_3 single crystals. , 2010, , .		0
139	LiNbO_3 polymer composite thin film: Towards it's preparation. , 2010, , .		0
140	Interdiffusion at the substrate-film interface of BiFeO_3 - PbTiO_3 thin films on Pt/Si substrates. , 2011, , .		0
141	Crystallographic and magnetic identification of secondary phase in orientated $\text{Bi}_5\text{Fe}_{0.5}\text{Co}_{0.5}\text{Ti}_3\text{O}_{15}$ ceramics. , 2011, , .		0
142	Synthesis of oriented BiFeO_3 - PbTiO_3 by molten salt method. , 2011, , .		0
143	An equivalent dipole analysis of PZT ceramics and lead-free piezoelectric single crystals. Journal of Advanced Dielectrics, 2016, 06, 1650010.	2.4	0
144	Crystallographic and magnetic investigations of textured bismuth ferrite lead titanate layers. Materials Research Express, 2018, 5, 126103.	1.6	0