

# Yuji Noguchi

## List of Publications by Citations

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209  
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L-index

#	Paper	IF	Citations
200	Large remanent polarization of vanadium-doped Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> . <i>Applied Physics Letters</i> , <b>2001</b> , 78, 1903-1905	3.4	364
199	Defect Control for Large Remanent Polarization in Bismuth Titanate Ferroelectrics -- Doping Effect of Higher-Valent Cations --. <i>Japanese Journal of Applied Physics</i> , <b>2000</b> , 39, L1259-L1262	1.4	298
198	Defect control for low leakage current in K <sub>0.5</sub> Na <sub>0.5</sub> NbO <sub>3</sub> single crystals. <i>Applied Physics Letters</i> , <b>2006</b> , 89, 142910	3.4	180
197	Direct evidence of A-site-deficient strontium bismuth tantalate and its enhanced ferroelectric properties. <i>Physical Review B</i> , <b>2001</b> , 63,	3.3	180
196	Ferroelectric properties of intergrowth Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> /SrBi <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> ceramics. <i>Applied Physics Letters</i> , <b>2000</b> , 77, 3639-3641	3.4	163
195	Raman scattering study of multiferroic BiFeO <sub>3</sub> single crystal. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 310, e367-e369	2.8	155
194	Effect of cosubstitution of La and V in Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> thin films on the low-temperature deposition. <i>Applied Physics Letters</i> , <b>2002</b> , 80, 100-102	3.4	153
193	Giant strain in lead-free (Bi <sub>0.5</sub> Na <sub>0.5</sub> )TiO <sub>3</sub> -based single crystals. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 182905	3.4	111
192	Defect Engineering for Control of Polarization Properties in SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> . <i>Japanese Journal of Applied Physics</i> , <b>2002</b> , 41, 7062-7075	1.4	101
191	Impact of Defect Control on the Polarization Properties in Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> Ferroelectric Single Crystals. <i>Japanese Journal of Applied Physics</i> , <b>2005</b> , 44, L570-L572	1.4	97
190	Preparation and characterization of a- and b-axis-oriented epitaxially grown Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> -based thin films with long-range lattice matching. <i>Applied Physics Letters</i> , <b>2002</b> , 81, 1660-1662	3.4	94
189	Gap-state engineering of visible-light-active ferroelectrics for photovoltaic applications. <i>Nature Communications</i> , <b>2017</b> , 8, 207	17.4	91
188	Electrical Conduction Mechanism in Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> Single Crystal. <i>Japanese Journal of Applied Physics</i> , <b>2002</b> , 41, 7053-7056	1.4	88
187	Oxygen-vacancy-induced 90°-domain clamping in ferroelectric Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> single crystals. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	86
186	Oxygen Stability and Leakage Current Mechanism in Ferroelectric La-Substituted Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> Single Crystals. <i>Japanese Journal of Applied Physics</i> , <b>2005</b> , 44, 6998-7002	1.4	83
185	Large remanent polarization of Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> -based thin films modified by the site engineering technique. <i>Journal of Applied Physics</i> , <b>2002</b> , 92, 1518-1521	2.5	82
184	Structural and piezoelectric properties of high-density (Bi <sub>0.5</sub> K <sub>0.5</sub> )TiO <sub>3</sub> /BiFeO <sub>3</sub> ceramics. <i>Journal of Applied Physics</i> , <b>2010</b> , 108, 104103	2.5	65

183	High-Performance Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> Single Crystals Grown by High-Oxygen-Pressure Flux Method. <i>Japanese Journal of Applied Physics</i> , <b>2008</b> , 47, 7623-7629	1.4	62
182	Enhanced spontaneous polarization in superlattice-structured Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> BaBi <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> single crystals. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 012907	3.4	58
181	Ferroelectric Properties and Structure Distortion in A-Site-Modified SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> . <i>Japanese Journal of Applied Physics</i> , <b>2001</b> , 40, 5812-5815	1.4	58
180	Domain structure and polarization properties of lanthanum-substituted bismuth titanate single crystals. <i>Applied Physics Letters</i> , <b>2004</b> , 84, 100-102	3.4	55
179	Rietveld analysis and dielectric properties of Bi <sub>2</sub> WO <sub>6</sub> -Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> ferroelectric system. <i>Materials Research Bulletin</i> , <b>2001</b> , 36, 531-540	5.1	54
178	Electronic and local structures of Mn-doped BiFeO <sub>3</sub> crystals. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	53
177	Ferroelectric Properties and Nano-Scaled Domain Structures in (1-x)BiFeO <sub>3</sub> -xBaTiO <sub>3</sub> (0.33 Ferroelectrics, <b>2009</b> , 385, 6155-6161	0.6	53
176	High-oxygen-pressure crystal growth of ferroelectric Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> single crystals. <i>Applied Physics Letters</i> , <b>2007</b> , 91, 162909	3.4	53
175	Giant photovoltaic effect of ferroelectric domain walls in perovskite single crystals. <i>Scientific Reports</i> , <b>2015</b> , 5, 14741	4.9	52
174	Cation-vacancy-induced low coercive field in La-modified SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> . <i>Journal of Applied Physics</i> , <b>2004</b> , 95, 4261-4266	2.5	50
173	Effects of V-Doping on Mixed Conduction Properties of Bismuth Titanate Single Crystals. <i>Japanese Journal of Applied Physics</i> , <b>2003</b> , 42, 6222-6225	1.4	49
172	Effects of Nd substitution on the polarization properties and electronic structures of bismuth titanate single crystals. <i>Materials Research Bulletin</i> , <b>2005</b> , 40, 1044-1051	5.1	49
171	Observation of phonons in multiferroic BiFeO <sub>3</sub> single crystals by Raman scattering. <i>Journal of Physics Condensed Matter</i> , <b>2007</b> , 19, 365224	1.8	48
170	Observation of a low-symmetry phase in Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> crystals by optical birefringence microscopy. <i>Journal of Applied Crystallography</i> , <b>2012</b> , 45, 444-452	3.8	47
169	3D Domain Structure in Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> Crystals Observed by Using Piezoresponse Force Microscopy. <i>Advanced Materials</i> , <b>2007</b> , 19, 2552-2555	2.4	47
168	Large electric-field-induced strain in Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> Bi <sub>0.5</sub> K <sub>0.5</sub> TiO <sub>3</sub> solid solution single crystals. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 242903	3.4	46
167	Estimation of ionic and hole conductivity in bismuth titanate polycrystals at high temperatures. <i>Solid State Ionics</i> , <b>2004</b> , 172, 325-329	3.3	41
166	Effect of Bi substitution at the Sr site on the ferroelectric properties of dense strontium bismuth tantalate ceramics. <i>Journal of Applied Physics</i> , <b>2000</b> , 88, 2146-2148	2.5	41

165	Design of Surfactant-Grafted Hydrogels with Fast Response to Temperature. <i>Macromolecular Rapid Communications</i> , <b>2005</b> , 26, 1913-1917	4.8	40
164	Polarization properties and oxygen-vacancy distribution of SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> ceramics modified by Ce and Pr. <i>Journal of the European Ceramic Society</i> , <b>2005</b> , 25, 2477-2482	6	38
163	Dielectric and ferroelectric anisotropy of intergrowth Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> /BaBi <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> single crystals. <i>Applied Physics Letters</i> , <b>2002</b> , 81, 2226-2228	3.4	37
162	Defect control for polarization switching in Bi <sub>2</sub> WO <sub>6</sub> -based single crystals. <i>Applied Physics Letters</i> , <b>2006</b> , 89, 242916	3.4	34
161	Praseodymium-modified SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> with improved polarization properties at low electric field. <i>Journal of Applied Physics</i> , <b>2003</b> , 94, 6749-6752	2.5	34
160	Switchable diode-effect mechanism in ferroelectric BiFeO <sub>3</sub> thin film capacitors. <i>Journal of Applied Physics</i> , <b>2015</b> , 118, 114101	2.5	33
159	Metastable Sr <sub>0.5</sub> TaO <sub>3</sub> Perovskite Oxides Prepared by Nanosheet Processing. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 5471-5475	2.3	33
158	Direct observation of oxygen stabilization in layered ferroelectric Bi <sub>3.25</sub> La <sub>0.75</sub> Ti <sub>3</sub> O <sub>12</sub> . <i>Applied Physics Letters</i> , <b>2007</b> , 91, 062913	3.4	33
157	Polarization Properties of Superlattice-Structured Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> -BaBi <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> Single Crystals and Ceramics: Comparison with Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> and BaBi <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> . <i>Japanese Journal of Applied Physics</i> , <b>2004</b> , 43, 6653-6657	1.4	33
156	Property design of Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> -based thin films using a site-engineered concept. <i>Journal of Crystal Growth</i> , <b>2003</b> , 248, 180-185	1.6	33
155	Ferroelectric polarization and piezoelectric properties of layer-structured K <sub>0.5</sub> Bi <sub>4.5</sub> Ti <sub>4</sub> O <sub>15</sub> single crystals. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 032904	3.4	32
154	Bulk and domain-wall effects in ferroelectric photovoltaics. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	32
153	Cooperative effect of oxygen-vacancy-rich layer and ferroelectric polarization on photovoltaic properties in BiFeO <sub>3</sub> thin film capacitors. <i>Applied Physics Letters</i> , <b>2016</b> , 108, 032901	3.4	32
152	Crystal Structure and Ferroelectric Property of Tungsten-substituted Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> Thin Films Prepared by Metal-Organic Chemical Vapor Deposition. <i>Japanese Journal of Applied Physics</i> , <b>2003</b> , 42, 2850-2852	1.4	30
151	Non-180° polarization rotation of ferroelectric (Bi <sub>0.5</sub> Na <sub>0.5</sub> )TiO <sub>3</sub> single crystals under electric field. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	28
150	Damped soft phonons and diffuse scattering in (Bi <sub>1/2</sub> Na <sub>1/2</sub> )TiO <sub>3</sub> . <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	28
149	Electrophoretic deposition of lead zirconate titanate (PZT) powder from ethanol suspension prepared with phosphate ester. <i>Science and Technology of Advanced Materials</i> , <b>2005</b> , 6, 927-932	7.1	28
148	Polarization and Piezoelectric Properties of High Performance Bismuth Sodium Titanate Single Crystals Grown by High-Oxygen-Pressure Flux Method. <i>Japanese Journal of Applied Physics</i> , <b>2010</b> , 49, 09MD09	1.4	27

147	High-Performance Ferroelectric Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> Single Crystals Grown by Top-Seeded Solution Growth Method under High-Pressure Oxygen Atmosphere. <i>Japanese Journal of Applied Physics</i> , <b>2010</b> , 49, 09MC06	1.4	27
146	High-quality single crystal growth of Bi-based perovskite ferroelectrics based on defect chemistry. <i>Journal of the Ceramic Society of Japan</i> , <b>2008</b> , 116, 994-1001	1	25
145	Shrinking Behavior of Surfactant-Grafted Thermosensitive Gels and the Mechanism of Rapid Shrinking. <i>Macromolecular Rapid Communications</i> , <b>2008</b> , 29, 897-903	4.8	25
144	Defect control for polarization switching in BiFeO <sub>3</sub> single crystals. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , <b>2010</b> , 57, 2233-6	3.2	24
143	Defect Control for Superior Properties in K <sub>0.5</sub> Na <sub>0.5</sub> NbO <sub>3</sub> Single Crystals. <i>Key Engineering Materials</i> , <b>2007</b> , 350, 85-88	0.4	24
142	Structural and electrical characterization of Bi <sub>5</sub> Ti <sub>3</sub> Fe <sub>1-x</sub> MnxO <sub>15</sub> system. <i>Materials Research Bulletin</i> , <b>2000</b> , 35, 825-834	5.1	24
141	Ferroelectrics with a controlled oxygen-vacancy distribution by design. <i>Scientific Reports</i> , <b>2019</b> , 9, 4225	4.9	23
140	Laser beam scanning microscope and piezoresponse force microscope studies on domain structured in 001-, 110-, and 111-oriented NaNbO <sub>3</sub> films. <i>Journal of Applied Physics</i> , <b>2012</b> , 112, 052007	2.5	23
139	Crystal Growth and Characterization of (Bi <sub>0.5</sub> Na <sub>0.5</sub> )TiO <sub>3</sub> BaTiO <sub>3</sub> Single Crystals Obtained by a Top-Seeded Solution Growth Method under High-Pressure Oxygen Atmosphere. <i>Japanese Journal of Applied Physics</i> , <b>2011</b> , 50, 09NE07	1.4	23
138	Effect of Mn doping on the leakage current and polarization properties in K <sub>0.14</sub> Na <sub>0.86</sub> NbO <sub>3</sub> ferroelectric single crystals. <i>Journal of the Ceramic Society of Japan</i> , <b>2010</b> , 118, 711-716	1	23
137	Synchrotron Radiation Study on Time-Resolved Tetragonal Lattice Strain of BaTiO <sub>3</sub> under Electric Field. <i>Japanese Journal of Applied Physics</i> , <b>2011</b> , 50, 09NE05	1.4	22
136	Polarization Rotation and Monoclinic Distortion in Ferroelectric (Bi <sub>0.5</sub> Na <sub>0.5</sub> )TiO <sub>3</sub> BaTiO <sub>3</sub> Single Crystals under Electric Fields. <i>Crystals</i> , <b>2014</b> , 4, 273-295	2.3	21
135	Crystal Structural Analyses of Ferroelectric Tetragonal (Bi <sub>1/2</sub> Na <sub>1/2</sub> )TiO <sub>3</sub> BaTiO <sub>3</sub> Powders and Single Crystals. <i>Japanese Journal of Applied Physics</i> , <b>2013</b> , 52, 09KD01	1.4	21
134	Effects of Mn doping on the polarization and leakage current properties in Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> single crystals. <i>Journal of the European Ceramic Society</i> , <b>2007</b> , 27, 4081-4084	6	21
133	High-Quality Lead-Free Ferroelectric Ceramics Prepared from the Flash-Creation-Method-Derived Nanopowder. <i>Journal of the Ceramic Society of Japan</i> , <b>2006</b> , 114, 97-101		21
132	Polarization twist in perovskite ferroelectrics. <i>Scientific Reports</i> , <b>2016</b> , 6, 32216	4.9	21
131	New Intergrowth Bi <sub>2</sub> WO <sub>6</sub> -Bi <sub>3</sub> TaTiO <sub>9</sub> Ferroelectrics.. <i>Journal of the Ceramic Society of Japan</i> , <b>2001</b> , 109, 29-32		19
130	Heavy Mn-doping effect on spontaneous polarization in ferroelectric BiFeO <sub>3</sub> thin films. <i>Japanese Journal of Applied Physics</i> , <b>2015</b> , 54, 10NA03	1.4	18

129	Enhanced photovoltaic currents in strained Fe-doped LiNbO <sub>3</sub> films. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2015</b> , 212, 2968-2974	1.6	18
128	Ferroelectric domain structure and c-axis polarization switching in monoclinic Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> single crystals. <i>Applied Physics Letters</i> , <b>2007</b> , 90, 202904	3.4	18
127	Polarization properties of praseodymium-modified SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> ceramics and thin films prepared by sol-gel method. <i>Materials Letters</i> , <b>2004</b> , 58, 1815-1818	3.3	18
126	Microstructures Related to Ferroelectric Properties in (Bi <sub>0.5</sub> K <sub>0.5</sub> )TiO <sub>3</sub> BiFeO <sub>3</sub> . <i>Japanese Journal of Applied Physics</i> , <b>2010</b> , 49, 09MC05	1.4	17
125	Photocurrent Characteristics of Mn-Doped Barium Titanate Ferroelectric Single Crystals. <i>Japanese Journal of Applied Physics</i> , <b>2013</b> , 52, 09KF03	1.4	16
124	High-Performance Ferroelectric Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> Single Crystals Grown by Top-Seeded Solution Growth Method under High-Pressure Oxygen Atmosphere. <i>Ferroelectrics</i> , <b>2011</b> , 414, 24-29	0.6	16
123	Effects of Defect Control on the Polarization Properties in Bi <sub>2</sub> WO <sub>6</sub> -Based Single Crystals. <i>Ferroelectrics</i> , <b>2007</b> , 355, 55-60	0.6	16
122	Electric-Field-Stabilized Ferroelastic Domain Walls in Monoclinic Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> Crystals. <i>Japanese Journal of Applied Physics</i> , <b>2007</b> , 46, 7028-7030	1.4	16
121	Enhanced piezoelectric properties of grain-oriented Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> BaBi <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> ceramics obtained by magnetic-field-assisted electrophoretic deposition method. <i>Journal of Applied Physics</i> , <b>2008</b> , 104, 014102	2.5	15
120	Novel oxygen sensor using hot spot on ceramic rod. <i>Bulletin of Materials Science</i> , <b>1999</b> , 22, 593-600	1.7	15
119	Successive redox-mediated visible-light ferrophotovoltaics. <i>Nature Communications</i> , <b>2020</b> , 11, 966	17.4	14
118	Influence of growth conditions on the optical, electrical resistivity and piezoelectric properties of Ca <sub>3</sub> TaGa <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> single crystals. <i>Journal of the Ceramic Society of Japan</i> , <b>2016</b> , 124, 523-527	1	14
117	Influence of Oxygen Partial Pressure during Growth on Optical and Electrical Properties of Ca <sub>3</sub> TaAl <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> Single Crystals. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 2151-2156	3.5	13
116	Polarization and leakage current properties of bismuth sodium titanate ceramic films deposited by aerosol deposition method. <i>Journal of the Ceramic Society of Japan</i> , <b>2010</b> , 118, 899-902	1	12
115	Electrical conduction mechanism in BiFeO <sub>3</sub> -based ferroelectric thin-film capacitors: Impact of Mn doping Peer review under responsibility of The Ceramic Society of Japan and the Korean Ceramic Society. View all notes. <i>Journal of Asian Ceramic Societies</i> , <b>2015</b> , 3, 426-431	2.4	11
114	Ferroelectric distortion and electronic structure in Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> . <i>Journal of Electroceramics</i> , <b>2008</b> , 21, 49-54	1.5	11
113	Electronic Origin of Defect States in Fe-Doped LiNbO <sub>3</sub> Ferroelectrics. <i>Advances in Condensed Matter Physics</i> , <b>2016</b> , 2016, 1-10	1	11
112	Nanoscale structural analysis of Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> . <i>Japanese Journal of Applied Physics</i> , <b>2020</b> , 59, SPPA01	1.4	10

111	Ferrielectric phase in the $(\text{Bi}_{1/2}\text{Na}_{1/2})\text{TiO}_3\text{Ba}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ system. <i>Japanese Journal of Applied Physics</i> , <b>2015</b> , 54, 10NC05	1.4	10
110	Effects of Oxygen Annealing on Dielectric Properties of $\text{LuFeCuO}_4$ . <i>Japanese Journal of Applied Physics</i> , <b>2008</b> , 47, 8464-8467	1.4	10
109	Observation of ferroelectric domains in bismuth-layer-structured ferroelectrics using Raman spectroscopy. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2005</b> , 120, 95-99	3.1	9
108	Lattice Distortion and Ferroelectric Properties in Pb-Substituted $\text{SrBi}_2\text{Ta}_2\text{O}_9$ . <i>Journal of the Ceramic Society of Japan</i> , <b>2002</b> , 110, 999-1004		9
107	Temperature dependence of electrical resistivity, dielectric and piezoelectric properties of $\text{Ca}_3\text{TaGa}_3\text{Al}_x\text{Si}_2\text{O}_{14}$ single crystals as a function of Al content. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 687, 797-803	5.7	9
106	Enhanced photovoltaic effects in ferroelectric solid solution thin films with nanodomains. <i>Applied Physics Letters</i> , <b>2020</b> , 116, 132901	3.4	8
105	Electric-field-induced giant strain in $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ -based single crystals: Influence of high-oxygen-pressure annealing. <i>Journal of the Ceramic Society of Japan</i> , <b>2009</b> , 117, 32-36	1	8
104	Field-induced strain behavior for potassium sodium bismuth titanate ceramics. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , <b>2007</b> , 54, 2516-22	3.2	8
103	Synchrotron Radiation Study on Time-Resolved Tetragonal Lattice Strain of $\text{BaTiO}_3$ under Electric Field. <i>Japanese Journal of Applied Physics</i> , <b>2011</b> , 50, 09NE05	1.4	8
102	Local polarization switching in epitaxial thin films of ferroelectric $(\text{Bi}_{1/2}\text{Na}_{1/2})\text{TiO}_3$ Peer review under responsibility of The Ceramic Society of Japan and the Korean Ceramic Society. View all notes. <i>Journal of Asian Ceramic Societies</i> , <b>2015</b> , 3, 160-163	2.4	7
101	Control of misfit strain in ferroelectric $\text{BaTiO}_3$ thin-film capacitors with $\text{SrRuO}_3$ -based electrodes on $(\text{Ba}, \text{Sr})\text{TiO}_3$ -buffered $\text{SrTiO}_3$ substrates. <i>Applied Physics Letters</i> , <b>2018</b> , 113, 012903	3.4	7
100	Synchrotron Radiation Analyses of Domain Switching and Lattice Strain Behaviors for Ferroelectric $(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3$ Single Crystals under Electric Fields. <i>Ferroelectrics</i> , <b>2013</b> , 443, 1-7	0.6	7
99	ENHANCED PIEZOELECTRIC PROPERTIES IN $(\text{Bi}_{0.5}\text{K}_{0.5})\text{TiO}_3$ $(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3$ FERROELECTRIC SINGLE CRYSTALS. <i>Journal of Advanced Dielectrics</i> , <b>2011</b> , 01, 63-69	1.3	7
98	Electronic Structures of $\text{Bi}_{4-x}\text{La}_x\text{Ti}_3\text{O}_{12}$ and $\text{Bi}_4\text{Zr}_x\text{Ti}_3-x\text{O}_{12}$ Single Crystals Studied by Soft-X-Ray Spectroscopy. <i>Japanese Journal of Applied Physics</i> , <b>2003</b> , 42, 6226-6229	1.4	7
97	Electronic Structure in Valence Band of Nd-Substituted $\text{Bi}_4\text{Ti}_3\text{O}_{12}$ Single Crystal Probed by Soft-X-Ray Emission Spectroscopy. <i>Japanese Journal of Applied Physics</i> , <b>2005</b> , 44, L1491-L1493	1.4	7
96	New Sintering Technique Using the Migrating Hot Spot on High-Tc Superconductor. <i>Key Engineering Materials</i> , <b>1998</b> , 157-158, 127-134	0.4	7
95	Influence of phase transformation in Pd hydride on the recovery characteristics of optical hydrogen sensors. <i>Bulletin of Materials Science</i> , <b>1999</b> , 22, 999-1001	1.7	7
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