

# Catalin Harnagea

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

124  
papers

4,880  
citations

38  
h-index

67  
g-index

129  
ext. papers

5,277  
ext. citations

4.9  
avg, IF

5.16  
L-index

#	Paper	IF	Citations
124	Phase-enabled metal-organic framework homojunction for highly selective CO photoreduction. <i>Nature Communications</i> , <b>2021</b> , 12, 1231	17.4	16
123	Hybrid PCDTBT:PCBM:Graphene-Nanoplatelet Photoabsorbers. <i>Journal of the Electrochemical Society</i> , <b>2020</b> , 167, 136504	3.9	3
122	Four-fold multifunctional properties in self-organized layered ferrite. <i>Ceramics International</i> , <b>2020</b> , 46, 28621-28630	5.1	
121	Enhanced Stability and Thickness-Independent Oxygen Evolution Electrocatalysis of Heterostructured Anodes with Buried Epitaxial Bilayers. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1803846	21.8	12
120	Epitaxial BiFeCrO Multiferroic Thin-Film Photoanodes with Ultrathin p-Type NiO Layers for Improved Solar Water Oxidation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 13185-13193	9.5	22
119	Improved photovoltaic performance from inorganic perovskite oxide thin films with mixed crystal phases. <i>Nature Photonics</i> , <b>2018</b> , 12, 271-276	33.9	57
118	Highly Sensitive Switchable Heterojunction Photodiode Based on Epitaxial BiFeCrO Multiferroic Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 12790-12797	9.5	16
117	Multiferroic Bi <sub>2</sub> FeCrO <sub>6</sub> based p-n heterojunction photovoltaic devices. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 10355-10364	13	33
116	Enhanced ferroelectric properties in multiferroic epitaxial Ba <sub>2</sub> EuFeNb <sub>4</sub> O <sub>15</sub> thin films grown by pulsed laser deposition. <i>Materials Research Bulletin</i> , <b>2017</b> , 87, 186-192	5.1	10
115	Epitaxially stabilized thin films of BiFeO <sub>3</sub> (001) grown on YSZ (100). <i>Scientific Reports</i> , <b>2017</b> , 7, 3712	4.9	22
114	Epitaxial Ba <sub>2</sub> NdFeNb <sub>4</sub> O <sub>15</sub> -based multiferroic nanocomposite thin films with tetragonal tungsten bronze structure. <i>Scripta Materialia</i> , <b>2017</b> , 136, 1-5	5.6	7
113	Epitaxial magnetite nanorods with enhanced room temperature magnetic anisotropy. <i>Nanoscale</i> , <b>2017</b> , 9, 7858-7867	7.7	22
112	Highly oriented multiferroic Ba <sub>2</sub> NdFeNb <sub>4</sub> O <sub>15</sub> -based composite thin films with tetragonal tungsten bronze structure on silicon substrates. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 711, 480-487	5.7	12
111	Influence of lanthanide ions on multiferroic properties of Ba <sub>2</sub> LnFeNb <sub>4</sub> O <sub>15</sub> (Ln = Eu <sup>3+</sup> , Sm <sup>3+</sup> and Nd <sup>3+</sup> ) thin films grown on silicon by pulsed laser deposition. <i>Materials Letters</i> , <b>2017</b> , 198, 136-139	3.3	4
110	Manipulation of charge transfer in vertically aligned epitaxial ferroelectric KNbO <sub>3</sub> nanowire array photoelectrodes. <i>Nano Energy</i> , <b>2017</b> , 35, 92-100	17.1	49
109	Tetragonal tungsten bronze Ba <sub>2</sub> EuFeNb <sub>4</sub> O <sub>15</sub> -based composite thin films multiferroic at room temperature. <i>Materials Research Bulletin</i> , <b>2017</b> , 86, 30-37	5.1	15
108	Enhanced photovoltaic properties in bilayer BiFeO <sub>3</sub> /Bi-Mn-O thin films. <i>Nanotechnology</i> , <b>2016</b> , 27, 215402	9.4	32

107	Silver nanoparticle film induced photoluminescence enhancement of near-infrared emitting PbS and PbS/CdS core/shell quantum dots: observation of different enhancement mechanisms. <i>Nanoscale</i> , <b>2016</b> , 8, 4882-7	7.7	16
106	Hysteresis loops revisited: An efficient method to analyze ferroic materials. <i>Journal of Applied Physics</i> , <b>2016</b> , 120, 124101	2.5	10
105	Bandgap tuning of multiferroic oxide solar cells. <i>Nature Photonics</i> , <b>2015</b> , 9, 61-67	33.9	502
104	Long-term stability of hydrogenated DLC coatings: Effects of aging on the structural, chemical and mechanical properties. <i>Diamond and Related Materials</i> , <b>2014</b> , 48, 65-72	3.5	38
103	Photovoltaic effect in multiphase Bi-Mn-O thin films. <i>Optics Express</i> , <b>2014</b> , 22 Suppl 1, A80-9	3.3	40
102	Evidence of antibacterial activity on titanium surfaces through nanotextures. <i>Applied Surface Science</i> , <b>2014</b> , 308, 275-284	6.7	47
101	Unzipping oyster shell. <i>RSC Advances</i> , <b>2013</b> , 3, 3284	3.7	5
100	Structural investigation of interface and defects in epitaxial Bi <sub>3.25</sub> La <sub>0.75</sub> Ti <sub>3</sub> O <sub>12</sub> film on SrRuO <sub>3</sub> /SrTiO <sub>3</sub> (111) and (100). <i>Journal of Applied Physics</i> , <b>2013</b> , 113, 044102	2.5	2
99	Characterization of individual multifunctional nanoobjects with restricted geometry. <i>Phase Transitions</i> , <b>2013</b> , 86, 635-650	1.3	4
98	Single-crystalline BiFeO <sub>3</sub> nanowires and their ferroelectric behavior. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 192903	3.4	26
97	Multiferroic properties-structure relationships in epitaxial Bi <sub>2</sub> FeCrO <sub>6</sub> thin films: recent developments. <i>Journal of Physics Condensed Matter</i> , <b>2012</b> , 24, 096001	1.8	15
96	Controlling anatase coating of diatom frustules by varying the binding layer. <i>CrystEngComm</i> , <b>2012</b> , 14, 3446	3.3	13
95	Rough fibrils provide a toughening mechanism in biological fibers. <i>ACS Nano</i> , <b>2012</b> , 6, 1961-9	16.7	54
94	Multiferroic nanoscale Bi <sub>2</sub> FeCrO <sub>6</sub> material for spintronic-related applications. <i>Nanoscale</i> , <b>2012</b> , 4, 5588-92	9.7	10
93	Pulse-controlled generation and characterization of partially-switched multiple-value polarization states in PZT ceramics. <i>Current Applied Physics</i> , <b>2012</b> , 12, 616-622	2.6	
92	Mechanical and electrical properties of epitaxial Si nanowires grown by pulsed laser deposition. <i>Journal of Physics Condensed Matter</i> , <b>2012</b> , 24, 445008	1.8	2
91	Modified Stranski-Krastanov growth in Ge/Si heterostructures via nanostenciled pulsed laser deposition. <i>Nanotechnology</i> , <b>2012</b> , 23, 065603	3.4	2
90	Ferroelectric switching in Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> nanorods. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , <b>2012</b> , 59, 1903-11	3.2	10

89	Epitaxial patterning of Bi <sub>2</sub> FeCrO <sub>6</sub> double perovskite nanostructures: multiferroic at room temperature. <i>Advanced Materials</i> , <b>2011</b> , 23, 1724-9	24	58
88	Noncontact atomic force microscopy imaging of ferroelectric domains with functionalized tips. <i>Applied Physics Letters</i> , <b>2011</b> , 98, 162901	3-4	4
87	Photovoltaic properties of Bi <sub>2</sub> FeCrO <sub>6</sub> epitaxial thin films. <i>Applied Physics Letters</i> , <b>2011</b> , 98, 202902	3-4	130
86	The structural origin of second harmonic generation in fascia. <i>Biomedical Optics Express</i> , <b>2010</b> , 2, 26-36	3-5	34
85	EFFECT OF EPITAXIAL STRAIN ON THE STRUCTURAL AND FERROELECTRIC PROPERTIES OF Bi <sub>2</sub> FeCrO <sub>6</sub> THIN FILMS. <i>Functional Materials Letters</i> , <b>2010</b> , 03, 83-88	1.2	11
84	Microstructure and ferroic properties of epitaxial [Fe <sub>2</sub> O <sub>3</sub> BiFeO <sub>3</sub> ]/Bi <sub>3.25</sub> La <sub>0.75</sub> Ti <sub>3</sub> O <sub>12</sub> composite bilayers. <i>Journal of Applied Physics</i> , <b>2010</b> , 108, 114111	2-5	4
83	Two-dimensional nanoscale structural and functional imaging in individual collagen type I fibrils. <i>Biophysical Journal</i> , <b>2010</b> , 98, 3070-7	2-9	54
82	Multiple NaNbO <sub>3</sub> /Nb <sub>2</sub> O <sub>5</sub> heterostructure nanotubes: a new class of ferroelectric/semiconductor nanomaterials. <i>Advanced Materials</i> , <b>2010</b> , 22, 1741-5	24	93
81	Nanoscale patterning of functional perovskite-type complex oxides by pulsed laser deposition through a nanostencil. <i>Applied Surface Science</i> , <b>2010</b> , 256, 4777-4783	6-7	13
80	Epitaxial thin films of the multiferroic double perovskite Bi <sub>2</sub> FeCrO <sub>6</sub> grown on (100)-oriented SrTiO <sub>3</sub> substrates: Growth, characterization, and optimization. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 061621	2-5	62
79	Locating La atoms in epitaxial Bi <sub>3.25</sub> La <sub>0.75</sub> Ti <sub>3</sub> O <sub>12</sub> films through atomic resolution electron energy loss spectroscopy mapping. <i>Applied Physics Letters</i> , <b>2009</b> , 95, 192902	3-4	14
78	The elastic moduli of oriented tin oxide nanowires. <i>Nanotechnology</i> , <b>2009</b> , 20, 115705	3-4	41
77	Imaging domains in BaTiO <sub>3</sub> single crystal nanostructures: comparing information from transmission electron microscopy and piezo-force microscopy. <i>Journal of Materials Science</i> , <b>2009</b> , 44, 5197-5204	4-3	15
76	Piezoresponse force microscopy and magnetic force microscopy characterization of [Fe <sub>2</sub> O <sub>3</sub> BiFeO <sub>3</sub> ]/Bi <sub>3.25</sub> La <sub>0.75</sub> Ti <sub>3</sub> O <sub>12</sub> multiferroic bilayers. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2009</b> , 321, 1799-1802	2-8	9
75	Ferroelectric BaTiO <sub>3</sub> Nanowires by a Topochemical Solid-State Reaction. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 5058-5065	9-6	59
74	Strong enhancement of the Faraday rotation in Ce and Bi comodified epitaxial iron garnet thin films. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 181916	3-4	35
73	Large faraday effect in ce:biig epitaxial thin films <b>2009</b> ,		1
72	Structural and multiferroic properties of epitaxial [Fe <sub>2</sub> O <sub>3</sub> BiFeO <sub>3</sub> ]/Bi <sub>3.25</sub> La <sub>0.75</sub> Ti <sub>3</sub> O <sub>12</sub> composite bi-layers. <i>Journal Physics D: Applied Physics</i> , <b>2008</b> , 41, 112002	3	17

71	Environmentally stable light emitting field effect transistors based on 2-(4-pentylstyryl)tetracene. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 158-161		47
70	STRUCTURE AND PROPERTIES OF EPITAXIAL THIN FILMS OF Bi <sub>2</sub> FeCrO <sub>6</sub> : A MULTIFERROIC MATERIAL POSTULATED BY AB-INITIO COMPUTATION. <i>Integrated Ferroelectrics</i> , <b>2008</b> , 101, 152-163	0.8	7
69	Infrared and magnetic characterization of multiferroic Bi <sub>2</sub> FeCrO <sub>6</sub> thin films over a broad temperature range. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	19
68	Atomic Structure of BiFeO <sub>3</sub> -BiCrO <sub>3</sub> film on (111) SrTiO <sub>3</sub> Grown by Dual Cross Beam Pulsed Laser Deposition <b>2008</b> , 25-26		
67	Direct Structural Investigation of Bi <sub>3.25</sub> La <sub>0.75</sub> Ti <sub>3</sub> O <sub>12</sub> thin films on SrRuO <sub>3</sub> /(111) SrTiO <sub>3</sub> . <i>Microscopy and Microanalysis</i> , <b>2008</b> , 14, 428-429	0.5	1
66	Towards ferroelectric and multiferroic nanostructures and their characterisation. <i>International Journal of Nanotechnology</i> , <b>2008</b> , 5, 930	1.5	17
65	Growth, structure, and properties of BiFeO <sub>3</sub> /-BiCrO <sub>3</sub> films obtained by dual cross beam PLD. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , <b>2007</b> , 54, 2645-52	3.2	5
64	Magnetic and ferroelectric domain structures in BaTiO <sub>3</sub> (Ni <sub>0.5</sub> Zn <sub>0.5</sub> )Fe <sub>2</sub> O <sub>4</sub> multiferroic ceramics. <i>Journal of the European Ceramic Society</i> , <b>2007</b> , 27, 3947-3950	6	34
63	BaTiO <sub>3</sub> (Ni <sub>0.5</sub> Zn <sub>0.5</sub> )Fe <sub>2</sub> O <sub>4</sub> ceramic composites with ferroelectric and magnetic properties. <i>Journal of the European Ceramic Society</i> , <b>2007</b> , 27, 4379-4382	6	50
62	Structural and electrical properties of room temperature pulsed laser deposited and post-annealed thin SrRuO <sub>3</sub> films. <i>Thin Solid Films</i> , <b>2007</b> , 515, 4580-4587	2.2	7
61	Ferroelectric mesoscopic structures by room-temperature PLD. <i>Journal of Physics: Conference Series</i> , <b>2007</b> , 59, 636-639	0.3	1
60	Epitaxial Bi <sub>2</sub> FeCrO <sub>6</sub> multiferroic thin films. <i>Philosophical Magazine Letters</i> , <b>2007</b> , 87, 231-240	1	20
59	Epitaxial thin films of multiferroic Bi <sub>2</sub> FeCrO <sub>6</sub> with B-site cationic order. <i>Journal of Materials Research</i> , <b>2007</b> , 22, 2102-2110	2.5	36
58	Site-controlled growth of Ge nanostructures on Si(100) via pulsed laser deposition nanostenciling. <i>Applied Physics Letters</i> , <b>2007</b> , 91, 113112	3.4	12
57	Enhanced magnetism in epitaxial BiFeO <sub>3</sub> /BiCrO <sub>3</sub> multiferroic heterostructures. <i>Applied Physics Letters</i> , <b>2007</b> , 91, 222908	3.4	31
56	PIEZORESPONSE FORCE MICROSCOPY OF PLD-GROWN MULTIFERROIC BiFeO <sub>3</sub> FILMS AND MESOSTRUCTURES. <i>Integrated Ferroelectrics</i> , <b>2006</b> , 83, 1-12	0.8	10
55	Growth, structure, and properties of epitaxial thin films of first-principles predicted multiferroic Bi <sub>2</sub> FeCrO <sub>6</sub> . <i>Applied Physics Letters</i> , <b>2006</b> , 89, 102902	3.4	84
54	Nanostenciling of Functional Materials by Room Temperature Pulsed Laser Deposition. <i>IEEE Nanotechnology Magazine</i> , <b>2006</b> , 5, 470-477	2.6	15

53	High dielectric constant and frozen macroscopic polarization in dense nanocrystalline BaTiO <sub>3</sub> ceramics. <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	243
52	Higher-order electromechanical response of thin films by contact resonance piezoresponse force microscopy. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , <b>2006</b> , 53, 2309-22	3.2	30
51	Raman and AFM piezoresponse study of dense BaTiO <sub>3</sub> nanocrystalline ceramics. <i>Journal of the European Ceramic Society</i> , <b>2005</b> , 25, 3059-3062	6	80
50	Self-organized structure formation on the bottom of femtosecond laser ablation craters in glass. <i>Applied Physics A: Materials Science and Processing</i> , <b>2005</b> , 81, 799-803	2.6	38
49	Semiconductor and insulator nanostructures: challenges and opportunities. <i>Microelectronic Engineering</i> , <b>2005</b> , 80, 448-456	2.5	11
48	Non-Conventional Micro- and Nanopatterning Techniques for Electroceramics. <i>Kluwer International Series in Electronic Materials: Science and Technology</i> , <b>2005</b> , 361-385		1
47	Complex oxide nanostructures by pulsed laser deposition through nanostencils. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 183107	3.4	54
46	Local ferroelectric switching properties in BiFeO <sub>3</sub> microstructures and their piezomagnetic response. <i>Materials Research Society Symposia Proceedings</i> , <b>2005</b> , 902, 1		3
45	Local switching properties of dense nanocrystalline BaTiO <sub>3</sub> ceramics. <i>Applied Physics Letters</i> , <b>2004</b> , 84, 2418-2420	3.4	47
44	Epitaxial Lead Zirconate Titanate Nanocrystals Obtained by a Self-Patterning Method. <i>Integrated Ferroelectrics</i> , <b>2004</b> , 61, 231-238	0.8	6
43	Possibilities and Limitations of Voltage-Modulated Scanning Force Microscopy: Resonances in Contact Mode*View all notes. <i>Integrated Ferroelectrics</i> , <b>2004</b> , 60, 101-110	0.8	7
42	Switching Properties of Bi <sub>3.15</sub> Nd <sub>0.85</sub> Ti <sub>3</sub> O <sub>12</sub> Thin Films Prepared by Metalorganic Deposition Method. <i>Integrated Ferroelectrics</i> , <b>2004</b> , 68, 269-278	0.8	1
41	Impact of misfit dislocations on the polarization instability of epitaxial nanostructured ferroelectric perovskites. <i>Nature Materials</i> , <b>2004</b> , 3, 87-90	27	307
40	Non-Conventional Micro- and Nanopatterning Techniques for Electroceramics <b>2004</b> , 12, 69-88		66
39	Challenges in the Analysis of the Local Piezoelectric Response. <i>Nanoscience and Technology</i> , <b>2004</b> , 45-85	0.6	6
38	Ferroelectric properties of dense nanocrystalline BaTiO <sub>3</sub> ceramics. <i>Nanotechnology</i> , <b>2004</b> , 15, 1113-1117	3.4	123
37	Self-Assembled Ferroelectric Nanostructures. <i>Integrated Ferroelectrics</i> , <b>2004</b> , 68, 279-286	0.8	3
36	Well-ordered arrays of pyramid-shaped ferroelectric BaTiO <sub>3</sub> nanostructures. <i>Applied Physics Letters</i> , <b>2003</b> , 83, 3770-3772	3.4	58

35	Mesoscopic ferroelectric cell arrays prepared by imprint lithography. <i>Applied Physics Letters</i> , <b>2003</b> , 83, 1827-1829	3.4	69
34	Ferroelectric epitaxial nanocrystals obtained by a self-patterning method. <i>Applied Physics Letters</i> , <b>2003</b> , 83, 2211-2213	3.4	134
33	Contact resonances in voltage-modulated force microscopy. <i>Applied Physics Letters</i> , <b>2003</b> , 83, 338-340	3.4	103
32	Piezoresponse Scanning Force Microscopy: What Quantitative Information Can We Really Get Out of Piezoresponse Measurements on Ferroelectric Thin Films. <i>Integrated Ferroelectrics</i> , <b>2002</b> , 44, 113-124	0.8	62
31	Investigations of Mesoscopic Ferroelectric Structures Prepared by Imprint Lithography. <i>Materials Research Society Symposia Proceedings</i> , <b>2002</b> , 748, 1		1
30	Structural and optical characteristics of bismuth oxide thin films. <i>Surface Science</i> , <b>2002</b> , 507-510, 480-485	1.8	212
29	Ferroelectricity in epitaxial pulsed laser deposited bismuth-layered perovskite thin films of different crystallographic orientations. <i>Ferroelectrics</i> , <b>2001</b> , 258, 197-208	0.6	
28	Patterning and switching of nano-size ferroelectric memory cells. <i>Scripta Materialia</i> , <b>2001</b> , 44, 1175-1179	5.6	40
27	Piezoresponse scanning force microscopy: What quantitative information can we really get out of piezoresponse measurements on ferroelectric thin films. <i>Integrated Ferroelectrics</i> , <b>2001</b> , 38, 23-29	0.8	29
26	Polarization imprint and size effects in mesoscopic ferroelectric structures. <i>Applied Physics Letters</i> , <b>2001</b> , 79, 242-244	3.4	156
25	Direct Comparison of Structural and Electrical Properties of Epitaxial (001)-, (116)-, and (103)-Oriented SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> Thin Films on SrTiO <sub>3</sub> and Silicon Substrates. <i>Materials Research Society Symposia Proceedings</i> , <b>2000</b> , 655, 21		
24	100-nm lateral size ferroelectric memory cells fabricated by electron-beam direct writing. <i>Applied Physics A: Materials Science and Processing</i> , <b>2000</b> , 70, 247-251	2.6	51
23	Quantitative ferroelectric characterization of single submicron grains in Bi-layered perovskite thin films. <i>Applied Physics A: Materials Science and Processing</i> , <b>2000</b> , 70, 261-267	2.6	122
22	Orientation dependence of ferroelectricity in pulsed-laser-deposited epitaxial bismuth-layered perovskite thin films. <i>Applied Physics A: Materials Science and Processing</i> , <b>2000</b> , 70, 283-291	2.6	30
21	Growth and characterization of non-c-oriented epitaxial ferroelectric SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> films on buffered Si(100). <i>Applied Physics Letters</i> , <b>2000</b> , 77, 3260-3262	3.4	33
20	Nano-Engineering für nichtflüchtige ferroelektrische Speicher. <i>Physik Journal</i> , <b>2000</b> , 56, 47-50		
19	Ferroelectricity in (Hf, Zr)-doped barium titanate ceramics. <i>Ferroelectrics</i> , <b>2000</b> , 239, 265-272	0.6	5
18	Structural and electrical anisotropy of (001)-, (116)-, and (103)-oriented epitaxial SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> thin films on SrTiO <sub>3</sub> substrates grown by pulsed laser deposition. <i>Journal of Applied Physics</i> , <b>2000</b> , 88, 6658-6664	2.5	74

17	Characterization of the interactions between various hexadecylmannoside phospholipid model membranes with the lectin Concanavalin A. <i>Physical Chemistry Chemical Physics</i> , <b>2000</b> , 2, 4609-4614	3.6	24
16	Grain size dependence of the rayleigh coefficients in barium titanate ceramics. <i>Ferroelectrics</i> , <b>2000</b> , 240, 1317-1324	0.6	6
15	Nano-Size Ferroelectric Structures <b>2000</b> , 49-57		1
14	Switching of Ferroelectric Nanostructures <b>2000</b> , 169-177		2
13	Patterning and switching of nanosize ferroelectric memory cells. <i>Applied Physics Letters</i> , <b>1999</b> , 75, 1793-1795	3.4	141
12	Switching properties of self-assembled ferroelectric memory cells. <i>Applied Physics Letters</i> , <b>1999</b> , 75, 1158-1160	1.0	3
11	Nanoscale Switching and Domain Structure of Ferroelectric BaBi <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> Thin Films. <i>Japanese Journal of Applied Physics</i> , <b>1999</b> , 38, L1255-L1257	1.4	15
10	Domain Imaging, Polarization Hysteresis, and Switching in Nano-Size Ferroelectric Structures. <i>Materials Research Society Symposia Proceedings</i> , <b>1999</b> , 596, 351		1
9	BaBi <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> ferroelectric thin films grown by pulsed laser deposition. <i>Applied Physics Letters</i> , <b>1999</b> , 74, 603-605	3.4	44
8	Epitaxial bismuth-layer-structured perovskite ferroelectric thin films grown by pulsed laser deposition. <i>Integrated Ferroelectrics</i> , <b>1999</b> , 26, 21-29	0.8	8
7	Structure Property Relationships of Thin Films of Epitaxial Ferroelectric Bismuth-Layered Perovskites with Even and Odd Aurivillius Parameters. <i>Materials Research Society Symposia Proceedings</i> , <b>1999</b> , 596, 415		
6	Grain size-dependent switching in barium titanate ferroelectric ceramics analyzed by means of their landau coefficients. <i>Ferroelectrics</i> , <b>1998</b> , 219, 225-233	0.6	
5	Analysis of ferroelectric switching in finite media as a Landau-type phase transition. <i>Journal of Physics Condensed Matter</i> , <b>1998</b> , 10, 477-492	1.8	92
4	Simulation of Switching Properties of Ferroelectrics on the Basis of Dipole Lattice Model. <i>Japanese Journal of Applied Physics</i> , <b>1997</b> , 36, 2183-2191	1.4	16
3	Thermal dependences of the switching properties of barium titanate ceramics. <i>Materials Letters</i> , <b>1996</b> , 29, 25-29	3.3	6
2	Grain Size Dependence of Switching Properties of Ferroelectric BaTiO <sub>3</sub> Ceramics. <i>Japanese Journal of Applied Physics</i> , <b>1996</b> , 35, 5210-5216	1.4	28
1	Piezoresponse Scanning Force Microscopy: What Quantitative Information Can We Really Get Out of Piezoresponse Measurements on Ferroelectric Thin Films		10