

# Catalin Harnagea

## List of Publications by Citations

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ext. citations

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L-index

#	Paper	IF	Citations
124	Bandgap tuning of multiferroic oxide solar cells. <i>Nature Photonics</i> , <b>2015</b> , 9, 61-67	33.9	502
123	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
122	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
121	Structural and optical characteristics of bismuth oxide thin films. <i>Surface Science</i> , <b>2002</b> , 507-510, 480-485	1.8	212
120	Polarization imprint and size effects in mesoscopic ferroelectric structures. <i>Applied Physics Letters</i> , <b>2001</b> , 79, 242-244	3.4	156
119	Patterning and switching of nanosize ferroelectric memory cells. <i>Applied Physics Letters</i> , <b>1999</b> , 75, 1793-1795	3.4	141
118	Ferroelectric epitaxial nanocrystals obtained by a self-patterning method. <i>Applied Physics Letters</i> , <b>2003</b> , 83, 2211-2213	3.4	134
117	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
116	Ferroelectric properties of dense nanocrystalline BaTiO <sub>3</sub> ceramics. <i>Nanotechnology</i> , <b>2004</b> , 15, 1113-1117	3.4	123
115	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
114	Contact resonances in voltage-modulated force microscopy. <i>Applied Physics Letters</i> , <b>2003</b> , 83, 338-340	3.4	103
113	Switching properties of self-assembled ferroelectric memory cells. <i>Applied Physics Letters</i> , <b>1999</b> , 75, 1158-1160	3.4	103
112	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
111	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
110	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
109	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
108	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

107	Mesoscopic ferroelectric cell arrays prepared by imprint lithography. <i>Applied Physics Letters</i> , <b>2003</b> , 83, 1827-1829	3.4	69
106	Non-Conventional Micro- and Nanopatterning Techniques for Electroceramics <b>2004</b> , 12, 69-88		66
105	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
104	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
103	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
102	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
101	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
100	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
99	Rough fibrils provide a toughening mechanism in biological fibers. <i>ACS Nano</i> , <b>2012</b> , 6, 1961-9	16.7	54
98	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
97	Complex oxide nanostructures by pulsed laser deposition through nanostencils. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 183107	3.4	54
96	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
95	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
94	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
93	Evidence of antibacterial activity on titanium surfaces through nanotextures. <i>Applied Surface Science</i> , <b>2014</b> , 308, 275-284	6.7	47
92	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
91	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
90	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

89	The elastic moduli of oriented tin oxide nanowires. <i>Nanotechnology</i> , <b>2009</b> , 20, 115705	3.4	41
88	Photovoltaic effect in multiphase Bi-Mn-O thin films. <i>Optics Express</i> , <b>2014</b> , 22 Suppl 1, A80-9	3.3	40
87	Patterning and switching of nano-size ferroelectric memory cells. <i>Scripta Materialia</i> , <b>2001</b> , 44, 1175-1179	3.6	40
86	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
85	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
84	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
83	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
82	The structural origin of second harmonic generation in fascia. <i>Biomedical Optics Express</i> , <b>2010</b> , 2, 26-36	3.5	34
81	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
80	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
79	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
78	Enhanced photovoltaic properties in bilayer BiFeO <sub>3</sub> /Bi-Mn-O thin films. <i>Nanotechnology</i> , <b>2016</b> , 27, 2154024	3.4	32
77	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
76	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
75	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
74	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
73	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
72	Single-crystalline BiFeO <sub>3</sub> nanowires and their ferroelectric behavior. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 192903	3.4	26

71	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
70	Epitaxially stabilized thin films of $\text{FeO}$ (001) grown on YSZ (100). <i>Scientific Reports</i> , <b>2017</b> , 7, 3712	4.9	22
69	Epitaxial magnetite nanorods with enhanced room temperature magnetic anisotropy. <i>Nanoscale</i> , <b>2017</b> , 9, 7858-7867	7.7	22
68	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
67	Epitaxial $\text{Bi}_2\text{FeCrO}_6$ multiferroic thin films. <i>Philosophical Magazine Letters</i> , <b>2007</b> , 87, 231-240	1	20
66	Infrared and magnetic characterization of multiferroic $\text{Bi}_2\text{FeCrO}_6$ thin films over a broad temperature range. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	19
65	Structural and multiferroic properties of epitaxial $\text{Fe}_2\text{O}_3/\text{BiFeO}_3/\text{Bi}_{3.25}\text{La}_{0.75}\text{Ti}_3\text{O}_{12}$ composite bi-layers. <i>Journal Physics D: Applied Physics</i> , <b>2008</b> , 41, 112002	3	17
64	Towards ferroelectric and multiferroic nanostructures and their characterisation. <i>International Journal of Nanotechnology</i> , <b>2008</b> , 5, 930	1.5	17
63	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
62	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
61	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
60	Phase-enabled metal-organic framework homojunction for highly selective CO photoreduction. <i>Nature Communications</i> , <b>2021</b> , 12, 1231	17.4	16
59	Tetragonal tungsten bronze $\text{Ba}_2\text{EuFeNb}_4\text{O}_{15}$ based composite thin films multiferroic at room temperature. <i>Materials Research Bulletin</i> , <b>2017</b> , 86, 30-37	5.1	15
58	Multiferroic properties-structure relationships in epitaxial $\text{Bi}_2\text{FeCrO}_6$ thin films: recent developments. <i>Journal of Physics Condensed Matter</i> , <b>2012</b> , 24, 096001	1.8	15
57	Imaging domains in $\text{BaTiO}_3$ 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
56	Nanostenciling of Functional Materials by Room Temperature Pulsed Laser Deposition. <i>IEEE Nanotechnology Magazine</i> , <b>2006</b> , 5, 470-477	2.6	15
55	Nanoscale Switching and Domain Structure of Ferroelectric $\text{BaBi}_4\text{Ti}_4\text{O}_{15}$ Thin Films. <i>Japanese Journal of Applied Physics</i> , <b>1999</b> , 38, L1255-L1257	1.4	15
54	Locating La atoms in epitaxial $\text{Bi}_{3.25}\text{La}_{0.75}\text{Ti}_3\text{O}_{12}$ films through atomic resolution electron energy loss spectroscopy mapping. <i>Applied Physics Letters</i> , <b>2009</b> , 95, 192902	3.4	14

53	Controlling anatase coating of diatom frustules by varying the binding layer. <i>CrystEngComm</i> , <b>2012</b> , 14, 3446	3.3	13
52	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
51	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
50	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
49	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
48	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
47	Semiconductor and insulator nanostructures: challenges and opportunities. <i>Microelectronic Engineering</i> , <b>2005</b> , 80, 448-456	2.5	11
46	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
45	Multiferroic nanoscale Bi <sub>2</sub> FeCrO <sub>6</sub> material for spintronic-related applications. <i>Nanoscale</i> , <b>2012</b> , 4, 5588- <del>92</del>	9.7	10
44	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
43	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
42	Piezoresponse Scanning Force Microscopy: What Quantitative Information Can We Really Get Out of Piezoresponse Measurements on Ferroelectric Thin Films		10
41	Hysteresis loops revisited: An efficient method to analyze ferroic materials. <i>Journal of Applied Physics</i> , <b>2016</b> , 120, 124101	2.5	10
40	Piezoresponse force microscopy and magnetic force microscopy characterization of BiFeO <sub>3</sub> /BiFeO <sub>3</sub> nanocomposite/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
39	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
38	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
37	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
36	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

35	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
34	Epitaxial Lead Zirconate Titanate Nanocrystals Obtained by a Self-Patterning Method. <i>Integrated Ferroelectrics</i> , <b>2004</b> , 61, 231-238	0.8	6
33	Challenges in the Analysis of the Local Piezoelectric Response. <i>Nanoscience and Technology</i> , <b>2004</b> , 45-85	0.6	6
32	Grain size dependence of the rayleigh coefficients in barium titanate ceramics. <i>Ferroelectrics</i> , <b>2000</b> , 240, 1317-1324	0.6	6
31	Thermal dependences of the switching properties of barium titanate ceramics. <i>Materials Letters</i> , <b>1996</b> , 29, 25-29	3.3	6
30	Unzipping oyster shell. <i>RSC Advances</i> , <b>2013</b> , 3, 3284	3.7	5
29	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
28	Ferroelectricity in (Hf, Zr)-doped barium titanate ceramics. <i>Ferroelectrics</i> , <b>2000</b> , 239, 265-272	0.6	5
27	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
26	Characterization of individual multifunctional nanoobjects with restricted geometry. <i>Phase Transitions</i> , <b>2013</b> , 86, 635-650	1.3	4
25	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
24	Noncontact atomic force microscopy imaging of ferroelectric domains with functionalized tips. <i>Applied Physics Letters</i> , <b>2011</b> , 98, 162901	3.4	4
23	Self-Assembled Ferroelectric Nanostructures. <i>Integrated Ferroelectrics</i> , <b>2004</b> , 68, 279-286	0.8	3
22	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
21	Hybrid PCDTBT:PCBM:Graphene-Nanoplatelet Photoabsorbers. <i>Journal of the Electrochemical Society</i> , <b>2020</b> , 167, 136504	3.9	3
20	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
19	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
18	Modified Stranski-Krastanov growth in Ge/Si heterostructures via nanostenciled pulsed laser deposition. <i>Nanotechnology</i> , <b>2012</b> , 23, 065603	3.4	2

17	Switching of Ferroelectric Nanostructures <b>2000</b> , 169-177		2
16	Large faraday effect in ce:biig epitaxial thin films <b>2009</b> ,		1
15	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
14	Ferroelectric mesoscopic structures by room-temperature PLD. <i>Journal of Physics: Conference Series</i> , <b>2007</b> , 59, 636-639	0.3	1
13	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
12	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
11	Investigations of Mesoscopic Ferroelectric Structures Prepared by Imprint Lithography. <i>Materials Research Society Symposia Proceedings</i> , <b>2002</b> , 748, 1		1
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	Nano-Size Ferroelectric Structures <b>2000</b> , 49-57		1
8	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	
7	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		
6	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	
5	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		
4	Nano-Engineering ff nichtflfhtige ferroelektrische Speicher. <i>Physik Journal</i> , <b>2000</b> , 56, 47-50		
3	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	
2	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		
1	Four-fold multifunctional properties in self-organized layered ferrite. <i>Ceramics International</i> , <b>2020</b> , 46, 28621-28630	5.1	