J Marty Gregg

List of Publications by Year
in descending order

157 papers	5,673 citations	61857 43 h-index	85405 71 g-index
175 all docs	175 docs citations	175 times ranked	4482 citing authors

#	Article	IF	Citations
1	Dielectric enhancement and Maxwellâ€“Wagner effects in ferroelectric superlattice structures. Applied Physics Letters, 2000, 77, 1520-1522.	1.5	282
2	Strain gradients in epitaxial ferroelectrics. Physical Review B, 2005, 72, .	1.1	247
3	The effect of flexoelectricity on the dielectric properties of inhomogeneously strained ferroelectric thin films. Journal of Physics Condensed Matter, 2004, 16, 2253-2264.	0.7	224
4	Relaxor features in ferroelectric superlattices: A Maxwellâ€“Wagner approach. Applied Physics Letters, 2000, 77, 3078-3080.	1.5	206
5	Domains in Ferroelectric Nanodots. Nano Letters, 2009, 9, 3359-3364.	4.5	170
6	Metal-insulator transitions inNdNiO3thin films. Physical Review B, 2000, 62, 7892-7900.	1.1	154
7	Domain-wall engineering and topological defects in ferroelectric and ferroelastic materials. Nature Reviews Physics, 2020, 2, 634-648.	11.9	154
8	Mesoscale flux-closure domain formation in single-crystal BaTiO3. Nature Communications, 2011, 2, 404.	5.8	153
9	Scaling of domain periodicity with thickness measured inBaTiO3single crystal lamellae and comparison with other ferroics. Physical Review B, 2006, 74, .	1.1	148
10	Magnetic switching of ferroelectric domains at room temperature in multiferroic PZTFT. Nature Communications, 2013, 4, 1534.	5.8	147
11	Investigation of dead-layer thickness in SrRuO3/Ba0.5Sr0.5TiO3/Au thin-film capacitors. Applied Physics Letters, 2001, 78, 1724-1726.	1.5	144
12	Intrinsic dielectric response in ferroelectric nano-capacitors. Journal of Physics Condensed Matter, 2004, 16, L451-L456.	0.7	129
13	Exploring grain size as a cause for â€œdead-layerâ€•effects in thin film capacitors. Applied Physics Letters, 2002, 81, 703-705.	1.5	109
14	Room-temperature single phase multiferroic magnetoelectrics: Pb(Fe, M)x(Zr,Ti)(1â^'x)O3 [Mâ€‰=â€‰Ta, Nb]. Journal of Applied Physics, 2013, 113, .	1.1	105
15	Morphological Control of Polar Orientation in Single-Crystal Ferroelectric Nanowires. Nano Letters, 2007, 7, 3787-3791.	4.5	100
16	Domain Bundle Boundaries in Single Crystal BaTiO₃ Lamellae: Searching for Naturally Forming Dipole Flux-Closure/Quadrupole Chains. Nano Letters, 2010, 10, 4200-4205.	4.5	95
17	Settling the â€œDead Layerâ€•Debate in Nanoscale Capacitors. Advanced Materials, 2009, 21, 4911-4914.	11.1	93
18	A diode for ferroelectric domain-wall motion. Nature Communications, 2015, 6, 7361.	5.8	87

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19	Ferroelectric Domain Wall Memristor. Advanced Functional Materials, 2020, 30, 2000109.	7.8	86
20	Wall thickness dependence of the scaling law for ferroic stripe domains. Journal of Physics Condensed Matter, 2007, 19, 022201.	0.7	76
21	Ferroelectric Domain Wall Injection. Advanced Materials, 2014, 26, 293-298.	11.1	72
22	Increasing recoverable energy storage in electroceramic capacitors using â€œdead-layerâ€•engineering. Applied Physics Letters, 2012, 101, .	1.5	69
23	Injection and controlled motion of conducting domain walls in improper ferroelectric Cu-Cl boracite. Nature Communications, 2017, 8, 15105.	5.8	68
24	Polarization Closure in PbZr_(0.42)Ti_(0.58)O₃ Nanodots. Nano Letters, 2011, 11, 4490-4495.	4.5	66
25	Toward Self-Assembled Ferroelectric Random Access Memories:Â Hard-Wired Switching Capacitor Arrays with Almost Tb/in.2Densities. Nano Letters, 2007, 7, 1134-1137.	4.5	65
26	Titanium-rich mineral phases and the nucleation of bainite. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 1994, 25, 1603-1611.	1.1	64
27	Thickness independence of true phase transition temperatures in barium strontium titanate films. Journal of Applied Physics, 2004, 96, 555-562.	1.1	63
28	Exotic Domain States in Ferroelectrics: Searching for Vortices and Skyrmions. Ferroelectrics, 2012, 433, 74-87.	0.3	62
29	Switching Dynamics in Ferroelectric Thin Films: An Experimental Survey. Integrated Ferroelectrics, 2002, 48, 59-68.	0.3	61
30	Thickness-induced stabilization of ferroelectricity in SrRuO3/Ba0.5Sr0.5TiO3/Au thin film capacitors. Applied Physics Letters, 2002, 81, 889-891.	1.5	61
31	Electrical Tunability of Domain Wall Conductivity in LiNbO₃ Thin Films. Advanced Materials, 2019, 31, e1902890.	11.1	61
32	The Nature of Magnetoelectric Coupling in Pb(Zr,Ti)O₃â€“Pb(Fe,Ta)O₃. Advanced Materials, 2015, 27, 6068-6073.	11.1	58
33	High-field conduction in barium titanate. Applied Physics Letters, 2005, 86, 152903.	1.5	57
34	Size effects on thin film ferroelectrics: Experiments on isolated single crystal sheets. Applied Physics Letters, 2008, 93, .	1.5	57
35	Hall effect in charged conducting ferroelectric domain walls. Nature Communications, 2016, 7, 13764.	5.8	57
36	Transport properties of NdNiO3 thin films made by pulsed-laser deposition. Journal of Applied Physics, 2000, 87, 606-608.	1.1	55

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37	Enhancement of dielectric constant and associated coupling of polarization behavior in thin film relaxor superlattices. Applied Physics Letters, 2001, 79, 815-817.	1.5	53
38	Dielectric and electromechanical properties of Pb(Mg1/3,Nb2/3)O3â€“PbTiO3 thin films grown by pulsed laser deposition. Journal of Applied Physics, 2003, 93, 9924-9929.	1.1	50
39	Ferroelectrics at the nanoscale. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 577-587.	0.8	49
40	The effect of applied strain on the resistance of VO2 thin films. Applied Physics Letters, 1997, 71, 3649-3651.	1.5	48
41	Domains in three-dimensional ferroelectric nanostructures: theory and experiment. Journal of Physics Condensed Matter, 2007, 19, 132201.	0.7	47
42	Strategies for gallium removal after focused ion beam patterning of ferroelectric oxide nanostructures. Nanotechnology, 2007, 18, 035301.	1.3	47
43	Origin of ferroelastic domains in free-standing single-crystal ferroelectric films. Physical Review B, 2009, 79, .	1.1	46
44	Low-Voltage Domain-Wall LiNbO₃ Memristors. Nano Letters, 2020, 20, 5873-5878.	4.5	45
45	Shape-induced phase transition of domain patterns in ferroelectric platelets. Physical Review B, 2011, 84, .	1.1	44
46	Self-Similar Nested Flux Closure Structures in a Tetragonal Ferroelectric. Nano Letters, 2013, 13, 2553-2557.	4.5	44
47	Manipulating Ferroelectric Domains in Nanostructures Under Electron Beams. Physical Review Letters, 2013, 111, 165702.	2.9	42
48	Nanoscale Dynamics of Superdomain Boundaries in Singleâ€Crystal BaTiO₃ Lamellae. Advanced Materials, 2013, 25, 1323-1330.	11.1	38
49	Exploring Vertex Interactions in Ferroelectric Flux-Closure Domains. Nano Letters, 2014, 14, 4230-4237.	4.5	38
50	Studies of the Roomâ€Temperature Multiferroic Pb(Fe_{0.5}Ta_{0.5})_{0.4}(Zr_{0.53}Ti_{0.47})_{0.6}O₃: Resonant Ultrasound Spectroscopy, Dielectric, and Magnetic Phenomena. Advanced Functional Materials, 2014, 24, 2993-3002.	7.8	37
51	Ferroelectric domain periodicities in nanocolumns of single crystal barium titanate. Applied Physics Letters, 2006, 89, 212902.	1.5	36
52	Perovskite lead zirconium titanate nanorings: Towards nanoscale ferroelectric â€œsolenoidsâ€?. Applied Physics Letters, 2006, 89, 122913.	1.5	35
53	Conformal oxide coating of carbon nanotubes. Applied Physics Letters, 2008, 92, .	1.5	34
54	VO2 thin films: growth and the effect of applied strain on their resistance. Journal of Materials Science: Materials in Electronics, 1998, 9, 187-191.	1.1	33

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55	Influence of oxygen content on dielectric and electromechanical properties of Pb(Mg1/3Nb2/3)O3 thin films. Applied Physics Letters, 1999, 74, 3035-3037.	1.5	33
56	Evidence for continuous areas of crystalline Î²â€“C₃N₄ in sputter-deposited thin films. Journal of Materials Research, 1999, 14, 2359-2363.	1.2	33
57	Characteristics of single crystal â€œthin filmâ€•capacitor structures made using a focused ion beam microscope. Applied Physics Letters, 2004, 84, 1159-1161.	1.5	33
58	Scaling of superdomain bands in ferroelectric dots. Applied Physics Letters, 2011, 98, .	1.5	29
59	Large Carrier Mobilities in ErMnO₃ Conducting Domain Walls Revealed by Quantitative Hall-Effect Measurements. Nano Letters, 2018, 18, 6381-6386.	4.5	29
60	Tunnel electroresistance in BiFeO3 junctions: size does matter. Applied Physics Letters, 2016, 109, .	1.5	28
61	Superdomain dynamics in ferroelectric-ferroelastic films: Switching, jamming, and relaxation. Applied Physics Reviews, 2017, 4, 041104.	5.5	28
62	Effect of thermal expansion mismatch on the dielectric peak temperature of thin film relaxors. Journal of Applied Physics, 2002, 91, 2295-2301.	1.1	26
63	Exploring the Magnetoelectric Coupling at the Composite Interfaces of FE/FM/FE Heterostructures. Scientific Reports, 2018, 8, 17381.	1.6	26
64	Investigating the effects of reduced size on the properties of ferroelectrics. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2006, 53, 2208-2225.	1.7	25
65	Nanostructuring Ferroelectrics via Focused Ion Beam Methodologies. Advanced Functional Materials, 2016, 26, 8367-8381.	7.8	24
66	Thin film ferroelectrics for capacitor applications. Journal of Materials Science: Materials in Electronics, 1998, 9, 199-205.	1.1	22
67	Temperature and frequency characteristics of the interfacial capacitance in thin-film bariumâ€“strontiumâ€“titanate capacitors. Journal of Applied Physics, 2003, 94, 4566-4570.	1.1	22
68	Ordered arrays of lead zirconium titanate nanorings. Nanotechnology, 2008, 19, 165608.	1.3	22
69	Stressing Ferroelectrics. Science, 2012, 336, 41-42.	6.0	22
70	The many surprises of ferroelectric superlattices. Journal of Physics Condensed Matter, 2003, 15, V11-V12.	0.7	21
71	Sequential injection of domain walls into ferroelectrics at different bias voltages: Paving the way for â€œdomain wall memristorsâ€• Journal of Applied Physics, 2014, 116, .	1.1	20
72	Effects of poling, and implications for metastable phase behavior in barium strontium titanate thin film capacitors. Applied Physics Letters, 2004, 85, 5010-5012.	1.5	19

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73	Phase transitions in epitaxial Ba0.5Sr0.5TiO3 thin films. Journal of Applied Physics, 2006, 99, 024107.	1.1	19
74	Deterministic Switching in Bismuth Ferrite Nanoislands. Nano Letters, 2016, 16, 5228-5234.	4.5	19
75	Anomalous Motion of Charged Domain Walls and Associated Negative Capacitance in Copperâ€“Chlorine Boracite. Advanced Materials, 2021, 33, e2008068.	11.1	19
76	Domain Walls. , 2020, , .		19
77	Giant resistive switching in mixed phase BiFeO₃via phase population control. Nanoscale, 2018, 10, 17629-17637.	2.8	18
78	Creation of damage-free ferroelectric nanostructures via focused ion beam milling. Nanotechnology, 2008, 19, 175302.	1.3	16
79	The influence of point defects and inhomogeneous strain on the functional behavior of thin film ferroelectrics. Applied Physics Letters, 2009, 94, 212905.	1.5	16
80	Switching ferroelectric domain configurations using both electric and magnetic fields in Pb(Zr,Ti)O ₃ â€“Pb(Fe,Ta)O ₃ single-crystal lamellae. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2014, 372, 20120450.	1.6	16
81	Some current problems in perovskite nano-ferroelectrics and multiferroics: kinetically-limited systems of finite lateral size. Science and Technology of Advanced Materials, 2015, 16, 036001.	2.8	16
82	Electromechanical properties of Pb(Mg1/3Nb2/3)O3â€“7%PbTiO3 thin films made by pulsed laser deposition. Journal of Applied Physics, 2002, 91, 6200-6202.	1.1	15
83	Effect of wall thickness on the ferroelastic domain size of BaTiO3. Journal of Materials Science, 2009, 44, 5307-5311.	1.7	15
84	Imaging domains in BaTiO3 single crystal nanostructures: comparing information from transmission electron microscopy and piezo-force microscopy. Journal of Materials Science, 2009, 44, 5197-5204.	1.7	15
85	The Effect of Antinotches on Domain Wall Mobility in Single Crystal Ferroelectric Nanowires. Nano Letters, 2010, 10, 3566-3571.	4.5	15
86	Observation of Unconventional Dynamics of Domain Walls in Uniaxial Ferroelectric Lead Germanate. Advanced Functional Materials, 2020, 30, 2000284.	7.8	14
87	Conducting Sr0.7NbO3 thin film electrodes for ferroelectric capacitors. Applied Physics Letters, 1997, 70, 2622-2624.	1.5	13
88	Bandstructure approach to near edge structure. Journal of Microscopy, 2003, 210, 35-44.	0.8	13
89	Domain wall propagation in meso- and nanoscale ferroelectrics. Journal of Physics Condensed Matter, 2012, 24, 024204.	0.7	13
90	Highly charged 180 degree head-to-head domain walls in lead titanate. Communications Physics, 2020, 3, .	2.0	12

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91	Near-field second-harmonic imaging of thin ferroelectric films. Physical Review B, 2005, 72, .	1.1	11
92	The influence of notches on domain dynamics in ferroelectric nanowires. Applied Physics Letters, 2010, 96, 042904.	1.5	11
93	Mapping grain boundary heterogeneity at the nanoscale in a positive temperature coefficient of resistivity ceramic. APL Materials, 2017, 5, 066105.	2.2	11
94	Nanodomain patterns in ultra-tetragonal lead titanate (PbTiO3). Applied Physics Letters, 2020, 116, .	1.5	11
95	An Electronically Driven Improper Ferroelectric: Tungsten Bronzes as Microstructural Analogs for the Hexagonal Manganites. Advanced Materials, 2019, 31, 1903620.	11.1	10
96	Ultrahigh Carrier Mobilities in Ferroelectric Domain Wall Corbino Cones at Room Temperature. Advanced Materials, 2022, 34, .	11.1	10
97	Dependence of the interfacial capacitance on measurement regime used for investigation of thin film ferroelectric capacitors. Journal of Applied Physics, 2003, 93, 736-744.	1.1	9
98	Title is missing!. Journal of Materials Science: Materials in Electronics, 2000, 11, 537-541.	1.1	8
99	LIQUID SOURCE MISTED CHEMICAL DEPOSITION PROCESS OF THREE-DIMENSIONAL NANO-FERROELECTRICS WITH SUBSTRATE HEATING. Integrated Ferroelectrics, 2007, 95, 180-186.	0.3	8
100	Local conductance: A means to extract polarization and depolarizing fields near domain walls in ferroelectrics. Applied Physics Letters, 2015, 107, .	1.5	8
101	Hydrodynamics of domain walls in ferroelectrics and multiferroics: Impact on memory devices. Applied Physics Letters, 2016, 109, .	1.5	8
102	Studies of Multiferroic Palladium Perovskites. Scientific Reports, 2019, 9, 1685.	1.6	8
103	Changes in functional behavior of93%Pb(Mg1â^•3Nb2â^•3)O3â^’7%PbTiO3thin films induced by ac electric fields. Physical Review B, 2006, 73, .	1.1	7
104	Concentric Metallic-Piezoelectric Microtube Arrays. Materials Research Society Symposia Proceedings, 2008, 1071, 1.	0.1	7
105	Domain annihilation due to temperature and thickness gradients in single-crystal BaTiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 85, .	1.1	7
106	A Local Superlens. ACS Photonics, 2016, 3, 20-26.	3.2	7
107	Reconsidering the origins of Forsbergh birefringence patterns. Physical Review B, 2016, 94, .	1.1	6
108	A perspective on conducting domain walls and possibilities for ephemeral electronics. Applied Physics Letters, 2022, 120, 010501.	1.5	6

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109	Electrode Field Penetration: A New Interpretation of Tunneling Currents in Barium Strontium Titanate (BST) Thin Films. Ferroelectrics, 2002, 268, 35-40.	0.3	5
110	Trawling for complements. Nature, 2014, 510, 481-482.	13.7	5
111	Nonequilibrium ferroelectric-ferroelastic 10â€‰nm nanodomains: wrinkles, period-doubling, and power-law relaxation. Journal of Physics Condensed Matter, 2017, 29, 304001.	0.7	5
112	Electrode Field Penetration: A New Interpretation of Tunneling Currents in Barium Strontium Titanate (BST) Thin Films. , 0, .		5
113	The effect of target crystallography on the growth of Pb(Mg_{1/3}Nb_{2/3})O₃ thin films using pulsed laser deposition. Journal of Materials Research, 1999, 14, 2355-2358.	1.2	4
114	Investigation of Dead Layer Thickness in SrRuO3/Ba0.5Sr0.5TiO3/Au Thin Film Capacitors. Materials Research Society Symposia Proceedings, 2000, 655, 301.	0.1	4
115	Lead palladium zirconate titanate: A room temperature nanoscale multiferroic thin film. Journal of Applied Physics, 2020, 127, 204104.	1.1	4
116	Investigation into the growth and electromechanical properties of Pb(Mg1/3Nb2/3)O3 thin films. Journal of Materials Science: Materials in Electronics, 2000, 11, 543-547.	1.1	3
117	Evidence for two-phase regions in Ba0.5Sr0.5TiO3 thin films from capacitanceâ€“voltage data. Applied Physics Letters, 2003, 83, 3359-3361.	1.5	3
118	Thin Film Capacitor Cut from Single Crystals Using Focused Ion Beam Milling. Integrated Ferroelectrics, 2004, 61, 239-248.	0.3	3
119	Comments on â€œApplication of the interface capacitance model to thin film relaxors and ferroelectricsâ€•[Appl. Phys. Lett. 88, 262904 (2006)]. Applied Physics Letters, 2006, 89, 196101.	1.5	3
120	Live Imaging of Reversible Domain Evolution in BaTiO₃ on the Nanometer Scale Using in-situ STEM and TEM. Microscopy and Microanalysis, 2014, 20, 1560-1561.	0.2	3
121	Probing the Dynamics of Topologically Protected Charged Ferroelectric Domain Walls with the Electron Beam at the Atomic Scale. Microscopy and Microanalysis, 2020, 26, 3030-3032.	0.2	3
122	Customizing the reduction of individual graphene oxide flakes for precise work function tuning with meV precision. Nanoscale Advances, 2020, 2, 2738-2744.	2.2	3
123	Exploring the fundamental effects of miniaturisation on ferroelectrics by focused ion beam processing of single crystal material. European Physical Journal Special Topics, 2005, 128, 63-70.	0.2	3
124	Orderâ€“disorder, ferroelasticity and mobility of domain walls in multiferroic Cuâ€“Cl boracite. Journal of Physics Condensed Matter, 2021, 33, 095402.	0.7	3
125	The Effect of Atmospheric Water Vapour on the Temperature Dependence of Capacitance in BaxSr1â^'xTiO3 Thin Films. Materials Research Society Symposia Proceedings, 1998, 541, 35.	0.1	2
126	Superior electromechanical performance over PZT, in lead zinc niobate (PZN)â€“lead zirconium titanate (PZT) thin films. Applied Physics A: Materials Science and Processing, 2005, 81, 881-885.	1.1	2

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127	The Effect of Tungsten Trioxide Thin Films at Ferroelectricâ€“Electrode Boundaries on Fatigue Behaviour. Japanese Journal of Applied Physics, 2008, 47, 3552-3555.	0.8	2
128	Lighting up the new order. Nature Materials, 2019, 18, 304-306.	13.3	2
129	Anisotropic, meandering domain microstructure in the improper ferroelectric CsNbW2O9. APL Materials, 2020, 8, 101108.	2.2	2
130	Improper Ferroelectric Domain Walls. , 2020, , 129-151.		2
131	Experimental and Theoretical Investigation into the Dielectric Behaviour of Ferroelectric Thin Film Superlattices. Materials Research Society Symposia Proceedings, 2000, 655, 195.	0.1	1
132	Probing the Dead Layer in Barium Strontium Titanate Capacitors Made by Pulsed Laser Deposition. Materials Research Society Symposia Proceedings, 2001, 688, 1.	0.1	1
133	PLD of metal insulator and relaxor electroceramic thin films. , 2001, , .		1
134	Understanding Thickness Effects in Thin Film Capacitors. Integrated Ferroelectrics, 2004, 61, 51-58.	0.3	1
135	Characteristics of the Interfacial Capacitance in Thin Film Ba0.5Sr0.5TiO3 Capacitors with SrRuO3 and (La, Sr)CoO3 Bottom Electrodes. Integrated Ferroelectrics, 2004, 60, 79-86.	0.3	1
136	NANOSCALE FERROELECTRICS MACHINED FROM SINGLE CRYSTALS. Integrated Ferroelectrics, 2007, 92, 53-64.	0.3	1
137	Ancients inspire modern memory. Nature Nanotechnology, 2008, 3, 380-381.	15.6	1
138	Clamping-induced changes of domain morphology in 88%Pb(Zn1/3Nb2/3)O3-12%PbTiO3. Journal of Applied Physics, 2014, 116, 066812.	1.1	1
139	Investigating Ferroelectric Domain and Domain Wall Dynamics at Atomic Resolution by TEM/STEM in situ Heating and Biasing. Microscopy and Microanalysis, 2019, 25, 1882-1883.	0.2	1
140	Electromechanical Properties of Pb(Mg1/3Nb2/3)O3 Thin Film Capacitors. Materials Research Society Symposia Proceedings, 1998, 541, 641.	0.1	0
141	Target Crystallography and the Growth of Pb(Mg1/3Nb2/3)O3 (PMN) Thin Films. Materials Research Society Symposia Proceedings, 1998, 541, 685.	0.1	0
142	Thin Film Superlattices of Lead Based Relaxors. Materials Research Society Symposia Proceedings, 2000, 655, 10.	0.1	0
143	Experimental and Theoretical Investigation into the Dielectric Behaviour of Ferroelectric Thin Film Superlattices. Materials Research Society Symposia Proceedings, 2000, 656, 691.	0.1	0
144	Dielectric and Electromechanical Behaviour of Relaxor [(1â^'x)Pb(Mg1/3Nb2/3)O3 -xPbTiO3] Thin Films. Materials Research Society Symposia Proceedings, 2001, 688, 1.	0.1	0

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145	Functional Behaviour of Thin Film Dielectric Superlattices. Materials Research Society Symposia Proceedings, 2001, 688, 1.	0.1	0
146	Functional behaviour of thin film dielectric superlattices. Advances in Applied Ceramics, 2002, 101, 149-153.	0.4	0
147	PMN-PT thin films: Electromechanical behaviour, polarisability and microstructure. Materials Research Society Symposia Proceedings, 2002, 748, 1.	0.1	0
148	Thin Film Capacitors Cut from Single Crystals Using Focused Ion Beam Milling. Materials Research Society Symposia Proceedings, 2002, 748, 1.	0.1	0
149	Maximum of Dielectric Permittivity Caused by Structural Transition in Ferroelectric BaTiO3-SrTiO3Superlattices. Ferroelectrics, 2004, 303, 89-92.	0.3	0
150	Progressive Loss of Ferroelectricity Under Bipolar Pulsed Fields and Experimental Determination of Non-Switchable Polarization in Au/Ba0.5Sr0.5-TiO3/SrRuO3 Thin-Film Capacitors. Integrated Ferroelectrics, 2004, 61, 111-115.	0.3	0
151	CH022: Behaviour of ferroelectrics influenced by nanoscale morphology. , 2008, , .		0
152	Domain Walls: Ferroelectric Domain Wall Injection (Adv. Mater. 2/2014). Advanced Materials, 2014, 26, 348-348.	11.1	0
153	Improper Ferroelectricity: An Electronically Driven Improper Ferroelectric: Tungsten Bronzes as Microstructural Analogs for the Hexagonal Manganites (Adv. Mater. 40/2019). Advanced Materials, 2019, 31, 1970287.	11.1	0
154	Elastic distortion determining conduction in BiFeO₃ phase boundaries. RSC Advances, 2020, 10, 27954-27960.	1.7	0
155	Empirical approach to measuring interface energies in mixed-phase bismuth ferrite. Physical Review Materials, 2021, 5, .	0.9	0
156	Influence of charged walls and defects on DC resistivity and dielectric relaxations in Cu-Cl boracite. Applied Physics Letters, 2021, 119, 202904.	1.5	0
157	Imaging Ferroelectrics: Reinterpreting Charge Gradient Microscopy as Potential Gradient Microscopy. Advanced Electronic Materials, 0, , 2101384.	2.6	0