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	A perspective on conducting domain walls and possibilities for ephemeral electronics. Applied Physics Letters, 2022, 120, 010501.	1.5	6
2	Ultrahigh Carrier Mobilities in Ferroelectric Domain Wall Corbino Cones at Room Temperature. Advanced Materials, 2022, 34, .	11.1	10
3	Anomalous Motion of Charged Domain Walls and Associated Negative Capacitance in Copperâ€“Chlorine Boracite. Advanced Materials, 2021, 33, e2008068.	11.1	19
4	Empirical approach to measuring interface energies in mixed-phase bismuth ferrite. Physical Review Materials, 2021, 5, .	0.9	0
5	Orderâ€“disorder, ferroelasticity and mobility of domain walls in multiferroic Cuâ€“Cl boracite. Journal of Physics Condensed Matter, 2021, 33, 095402.	0.7	3
6	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
7	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
8	Anisotropic, meandering domain microstructure in the improper ferroelectric CsNbW2O9. APL Materials, 2020, 8, 101108.	2.2	2
9	Domain-wall engineering and topological defects in ferroelectric and ferroelastic materials. Nature Reviews Physics, 2020, 2, 634-648.	11.9	154
10	Elastic distortion determining conduction in BiFeO₃ phase boundaries. RSC Advances, 2020, 10, 27954-27960.	1.7	0
11	Lead palladium zirconate titanate: A room temperature nanoscale multiferroic thin film. Journal of Applied Physics, 2020, 127, 204104.	1.1	4
12	Ferroelectric Domain Wall Memristor. Advanced Functional Materials, 2020, 30, 2000109.	7.8	86
13	Low-Voltage Domain-Wall LiNbO₃ Memristors. Nano Letters, 2020, 20, 5873-5878.	4.5	45
14	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
15	Observation of Unconventional Dynamics of Domain Walls in Uniaxial Ferroelectric Lead Germanate. Advanced Functional Materials, 2020, 30, 2000284.	7.8	14
16	Highly charged 180 degree head-to-head domain walls in lead titanate. Communications Physics, 2020, 3, .	2.0	12
17	Nanodomain patterns in ultra-tetragonal lead titanate (PbTiO3). Applied Physics Letters, 2020, 116, .	1.5	11
18	Domain Walls. , 2020, , .		19

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19	Improper Ferroelectric Domain Walls. , 2020, , 129-151.		2
20	An Electronically Driven Improper Ferroelectric: Tungsten Bronzes as Microstructural Analogs for the Hexagonal Manganites. Advanced Materials, 2019, 31, 1903620.	11.1	10
21	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
22	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
23	Electrical Tunability of Domain Wall Conductivity in LiNbO₃ Thin Films. Advanced Materials, 2019, 31, e1902890.	11.1	61
24	Lighting up the new order. Nature Materials, 2019, 18, 304-306.	13.3	2
25	Studies of Multiferroic Palladium Perovskites. Scientific Reports, 2019, 9, 1685.	1.6	8
26	Exploring the Magnetoelectric Coupling at the Composite Interfaces of FE/FM/FE Heterostructures. Scientific Reports, 2018, 8, 17381.	1.6	26
27	Giant resistive switching in mixed phase BiFeO₃via phase population control. Nanoscale, 2018, 10, 17629-17637.	2.8	18
28	Large Carrier Mobilities in ErMnO₃ Conducting Domain Walls Revealed by Quantitative Hall-Effect Measurements. Nano Letters, 2018, 18, 6381-6386.	4.5	29
29	Injection and controlled motion of conducting domain walls in improper ferroelectric Cu-Cl boracite. Nature Communications, 2017, 8, 15105.	5.8	68
30	Superdomain dynamics in ferroelectric-ferroelastic films: Switching, jamming, and relaxation. Applied Physics Reviews, 2017, 4, 041104.	5.5	28
31	Nonequilibrium ferroelectric-ferroelastic 10â€‰nm nanodomains: wrinkles, period-doubling, and power-law relaxation. Journal of Physics Condensed Matter, 2017, 29, 304001.	0.7	5
32	Mapping grain boundary heterogeneity at the nanoscale in a positive temperature coefficient of resistivity ceramic. APL Materials, 2017, 5, 066105.	2.2	11
33	Hall effect in charged conducting ferroelectric domain walls. Nature Communications, 2016, 7, 13764.	5.8	57
34	Tunnel electroresistance in BiFeO3 junctions: size does matter. Applied Physics Letters, 2016, 109, .	1.5	28
35	Hydrodynamics of domain walls in ferroelectrics and multiferroics: Impact on memory devices. Applied Physics Letters, 2016, 109, .	1.5	8
36	Nanostructuring Ferroelectrics via Focused Ion Beam Methodologies. Advanced Functional Materials, 2016, 26, 8367-8381.	7.8	24

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37	Reconsidering the origins of Forsbergh birefringence patterns. Physical Review B, 2016, 94, .	1.1	6
38	Deterministic Switching in Bismuth Ferrite Nanoislands. Nano Letters, 2016, 16, 5228-5234.	4.5	19
39	A Local Superlens. ACS Photonics, 2016, 3, 20-26.	3.2	7
40	Local conductance: A means to extract polarization and depolarizing fields near domain walls in ferroelectrics. Applied Physics Letters, 2015, 107, .	1.5	8
41	A diode for ferroelectric domain-wall motion. Nature Communications, 2015, 6, 7361.	5.8	87
42	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
43	The Nature of Magnetoelectric Coupling in Pb(Zr,Ti)O₃â€“Pb(Fe,Ta)O₃. Advanced Materials, 2015, 27, 6068-6073.	11.1	58
44	Ferroelectric Domain Wall Injection. Advanced Materials, 2014, 26, 293-298.	11.1	72
45	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
46	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
47	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
48	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
49	Exploring Vertex Interactions in Ferroelectric Flux-Closure Domains. Nano Letters, 2014, 14, 4230-4237.	4.5	38
50	Trawling for complements. Nature, 2014, 510, 481-482.	13.7	5
51	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
52	Domain Walls: Ferroelectric Domain Wall Injection (Adv. Mater. 2/2014). Advanced Materials, 2014, 26, 348-348.	11.1	0
53	Manipulating Ferroelectric Domains in Nanostructures Under Electron Beams. Physical Review Letters, 2013, 111, 165702.	2.9	42
54	Nanoscale Dynamics of Superdomain Boundaries in Singleâ€Crystal BaTiO₃ Lamellae. Advanced Materials, 2013, 25, 1323-1330.	11.1	38

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55	Magnetic switching of ferroelectric domains at room temperature in multiferroic PZTFT. Nature Communications, 2013, 4, 1534.	5.8	147
56	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
57	Self-Similar Nested Flux Closure Structures in a Tetragonal Ferroelectric. Nano Letters, 2013, 13, 2553-2557.	4.5	44
58	Domain wall propagation in meso- and nanoscale ferroelectrics. Journal of Physics Condensed Matter, 2012, 24, 024204.	0.7	13
59	Increasing recoverable energy storage in electroceramic capacitors using â€œdead-layerâ€•engineering. Applied Physics Letters, 2012, 101, .	1.5	69
60	Exotic Domain States in Ferroelectrics: Searching for Vortices and Skyrmions. Ferroelectrics, 2012, 433, 74-87.	0.3	62
61	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
62	Stressing Ferroelectrics. Science, 2012, 336, 41-42.	6.0	22
63	Mesoscale flux-closure domain formation in single-crystal BaTiO3. Nature Communications, 2011, 2, 404.	5.8	153
64	Polarization Closure in PbZr_(0.42)Ti_(0.58)O₃ Nanodots. Nano Letters, 2011, 11, 4490-4495.	4.5	66
65	Shape-induced phase transition of domain patterns in ferroelectric platelets. Physical Review B, 2011, 84, .	1.1	44
66	Scaling of superdomain bands in ferroelectric dots. Applied Physics Letters, 2011, 98, .	1.5	29
67	The influence of notches on domain dynamics in ferroelectric nanowires. Applied Physics Letters, 2010, 96, 042904.	1.5	11
68	The Effect of Antinotches on Domain Wall Mobility in Single Crystal Ferroelectric Nanowires. Nano Letters, 2010, 10, 3566-3571.	4.5	15
69	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
70	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
71	Origin of ferroelastic domains in free-standing single-crystal ferroelectric films. Physical Review B, 2009, 79, .	1.1	46
72	Settling the â€œDead Layerâ€•Debate in Nanoscale Capacitors. Advanced Materials, 2009, 21, 4911-4914.	11.1	93

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73	Effect of wall thickness on the ferroelastic domain size of BaTiO3. Journal of Materials Science, 2009, 44, 5307-5311.	1.7	15
74	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
75	Ferroelectrics at the nanoscale. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 577-587.	0.8	49
76	Domains in Ferroelectric Nanodots. Nano Letters, 2009, 9, 3359-3364.	4.5	170
77	Ancients inspire modern memory. Nature Nanotechnology, 2008, 3, 380-381.	15.6	1
78	Conformal oxide coating of carbon nanotubes. Applied Physics Letters, 2008, 92, .	1.5	34
79	CH022: Behaviour of ferroelectrics influenced by nanoscale morphology. , 2008, , .		0
80	Ordered arrays of lead zirconium titanate nanorings. Nanotechnology, 2008, 19, 165608.	1.3	22
81	Concentric Metallic-Piezoelectric Microtube Arrays. Materials Research Society Symposia Proceedings, 2008, 1071, 1.	0.1	7
82	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
83	Creation of damage-free ferroelectric nanostructures via focused ion beam milling. Nanotechnology, 2008, 19, 175302.	1.3	16
84	Size effects on thin film ferroelectrics: Experiments on isolated single crystal sheets. Applied Physics Letters, 2008, 93, .	1.5	57
85	Wall thickness dependence of the scaling law for ferroic stripe domains. Journal of Physics Condensed Matter, 2007, 19, 022201.	0.7	76
86	Domains in three-dimensional ferroelectric nanostructures: theory and experiment. Journal of Physics Condensed Matter, 2007, 19, 132201.	0.7	47
87	NANOSCALE FERROELECTRICS MACHINED FROM SINGLE CRYSTALS. Integrated Ferroelectrics, 2007, 92, 53-64.	0.3	1
88	Strategies for gallium removal after focused ion beam patterning of ferroelectric oxide nanostructures. Nanotechnology, 2007, 18, 035301.	1.3	47
89	LIQUID SOURCE MISTED CHEMICAL DEPOSITION PROCESS OF THREE-DIMENSIONAL NANO-FERROELECTRICS WITH SUBSTRATE HEATING. Integrated Ferroelectrics, 2007, 95, 180-186.	0.3	8
90	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

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91	Morphological Control of Polar Orientation in Single-Crystal Ferroelectric Nanowires. Nano Letters, 2007, 7, 3787-3791.	4.5	100
92	Scaling of domain periodicity with thickness measured inBaTiO3single crystal lamellae and comparison with other ferroics. Physical Review B, 2006, 74, .	1.1	148
93	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
94	Perovskite lead zirconium titanate nanorings: Towards nanoscale ferroelectric â€œsolenoidsâ€?. Applied Physics Letters, 2006, 89, 122913.	1.5	35
95	Phase transitions in epitaxial Ba0.5Sr0.5TiO3 thin films. Journal of Applied Physics, 2006, 99, 024107.	1.1	19
96	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
97	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
98	Ferroelectric domain periodicities in nanocolumns of single crystal barium titanate. Applied Physics Letters, 2006, 89, 212902.	1.5	36
99	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
100	Strain gradients in epitaxial ferroelectrics. Physical Review B, 2005, 72, .	1.1	247
101	Near-field second-harmonic imaging of thin ferroelectric films. Physical Review B, 2005, 72, .	1.1	11
102	High-field conduction in barium titanate. Applied Physics Letters, 2005, 86, 152903.	1.5	57
103	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
104	Thickness independence of true phase transition temperatures in barium strontium titanate films. Journal of Applied Physics, 2004, 96, 555-562.	1.1	63
105	Understanding Thickness Effects in Thin Film Capacitors. Integrated Ferroelectrics, 2004, 61, 51-58.	0.3	1
106	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
107	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
108	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

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109	Intrinsic dielectric response in ferroelectric nano-capacitors. Journal of Physics Condensed Matter, 2004, 16, L451-L456.	0.7	129
110	Thin Film Capacitor Cut from Single Crystals Using Focused Ion Beam Milling. Integrated Ferroelectrics, 2004, 61, 239-248.	0.3	3
111	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
112	Maximum of Dielectric Permittivity Caused by Structural Transition in Ferroelectric BaTiO3-SrTiO3Superlattices. Ferroelectrics, 2004, 303, 89-92.	0.3	0
113	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
114	Bandstructure approach to near edge structure. Journal of Microscopy, 2003, 210, 35-44.	0.8	13
115	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
116	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
117	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
118	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
119	The many surprises of ferroelectric superlattices. Journal of Physics Condensed Matter, 2003, 15, V11-V12.	0.7	21
120	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
121	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
122	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
123	Functional behaviour of thin film dielectric superlattices. Advances in Applied Ceramics, 2002, 101, 149-153.	0.4	0
124	PMN-PT thin films: Electromechanical behaviour, polarisability and microstructure. Materials Research Society Symposia Proceedings, 2002, 748, 1.	0.1	0
125	Thin Film Capacitors Cut from Single Crystals Using Focused Ion Beam Milling. Materials Research Society Symposia Proceedings, 2002, 748, 1.	0.1	0
126	Switching Dynamics in Ferroelectric Thin Films: An Experimental Survey. Integrated Ferroelectrics, 2002, 48, 59-68.	0.3	61

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127	Electrode Field Penetration: A New Interpretation of Tunneling Currents in Barium Strontium Titanate (BST) Thin Films. Ferroelectrics, 2002, 268, 35-40.	0.3	5
128	Thickness-induced stabilization of ferroelectricity in SrRuO3/Ba0.5Sr0.5TiO3/Au thin film capacitors. Applied Physics Letters, 2002, 81, 889-891.	1.5	61
129	Investigation of dead-layer thickness in SrRuO3/Ba0.5Sr0.5TiO3/Au thin-film capacitors. Applied Physics Letters, 2001, 78, 1724-1726.	1.5	144
130	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
131	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
132	Functional Behaviour of Thin Film Dielectric Superlattices. Materials Research Society Symposia Proceedings, 2001, 688, 1.	0.1	0
133	PLD of metal insulator and relaxor electroceramic thin films. , 2001, , .		1
134	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
135	Thin Film Superlattices of Lead Based Relaxors. Materials Research Society Symposia Proceedings, 2000, 655, 10.	0.1	0
136	Experimental and Theoretical Investigation into the Dielectric Behaviour of Ferroelectric Thin Film Superlattices. Materials Research Society Symposia Proceedings, 2000, 655, 195.	0.1	1
137	Experimental and Theoretical Investigation into the Dielectric Behaviour of Ferroelectric Thin Film Superlattices. Materials Research Society Symposia Proceedings, 2000, 656, 691.	0.1	0
138	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
139	Title is missing!. Journal of Materials Science: Materials in Electronics, 2000, 11, 537-541.	1.1	8
140	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
141	Dielectric enhancement and Maxwellâ€"Wagner effects in ferroelectric superlattice structures. Applied Physics Letters, 2000, 77, 1520-1522.	1.5	282
142	Transport properties of NdNiO3 thin films made by pulsed-laser deposition. Journal of Applied Physics, 2000, 87, 606-608.	1.1	55
143	Metal-insulator transitions inNdNiO3thin films. Physical Review B, 2000, 62, 7892-7900.	1.1	154
144	Relaxor features in ferroelectric superlattices: A Maxwellâ€"Wagner approach. Applied Physics Letters, 2000, 77, 3078-3080.	1.5	206

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145	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
146	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
147	Evidence for continuous areas of crystalline Î²â€“C₃N₄ in sputter-deposited thin films. Journal of Materials Research, 1999, 14, 2359-2363.	1.2	33
148	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
149	Thin film ferroelectrics for capacitor applications. Journal of Materials Science: Materials in Electronics, 1998, 9, 199-205.	1.1	22
150	The Effect of Atmospheric Water Vapour on the Temperature Dependence of Capacitance in BaxSr1âˆ’xTiO3 Thin Films. Materials Research Society Symposia Proceedings, 1998, 541, 35.	0.1	2
151	Electromechanical Properties of Pb(Mg1/3Nb2/3)O3 Thin Film Capacitors. Materials Research Society Symposia Proceedings, 1998, 541, 641.	0.1	0
152	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
153	The effect of applied strain on the resistance of VO2 thin films. Applied Physics Letters, 1997, 71, 3649-3651.	1.5	48
154	Conducting Sr0.7NbO3 thin film electrodes for ferroelectric capacitors. Applied Physics Letters, 1997, 70, 2622-2624.	1.5	13
155	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
156	Electrode Field Penetration: A New Interpretation of Tunneling Currents in Barium Strontium Titanate (BST) Thin Films. , 0, .		5
157	Imaging Ferroelectrics: Reinterpreting Charge Gradient Microscopy as Potential Gradient Microscopy. Advanced Electronic Materials, 0, , 2101384.	2.6	0