Chen Ang

List of Publications by Year
in descending order

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59	4,315	126907	133252
papers	citations	33	59
		h-index	g-index

59	59	59	2947
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dielectric Behavior of 95.5% Pb(Zn_{1/3}Nb_{2/3})O₃â€“4.5% PbTiO₃Single Crystals under DC Bias from 12â€“550ÂK. Ferroelectrics, 2014, 470, 60-66.	0.6	1
2	Dielectric and ferroelectric properties in (Sr,Ni,Na)TiO3 solid solutions. Journal of Applied Physics, 2010, 107, .	2.5	16
3	High remnant polarization in (Sr0.7Bi0.2)TiO3â€“(Na0.5Bi0.5)TiO3 solid solutions. Applied Physics Letters, 2009, 95, .	3.3	42
4	High capacitance-temperature sensitivity and â€œgiantâ€•dielectric constant in SrTiO3. Applied Physics Letters, 2007, 90, 202903.	3.3	46
5	Dielectric properties of Ba(Ti1âˆ’xZrx)O3 solid solutions. Materials Letters, 2007, 61, 326-329.	2.6	104
6	Effect of annealing on dielectric behavior and conduction transport of Bi doped SrTiO3. Applied Physics Letters, 2006, 88, 162902.	3.3	21
7	Crossover of Ba(Ti,Y)O3 Solid Solutions to Ba3Ti2YO8.5-BaTiO3 Composites and their Dielectric Properties. Journal of the American Ceramic Society, 2005, 88, 2775-2779.	3.8	2
8	â€œDielectric relaxorâ€•behavior of electroactive fluorinated polymers. Applied Physics Letters, 2005, 86, 262903.	3.3	20
9	Dielectric and electroactive strain properties of poly(vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Td (fluorideâ€“trifl 1737-1739.	3.3	16
10	Dielectric behavior of electroactive fluorinate-based terpolymers. Applied Physics Letters, 2004, 84, 2145-2147.	3.3	7
11	Phase-transition temperature and character ofCd2Nb2O7. Physical Review B, 2004, 70, .	3.2	6
12	Dielectric behavior of PbZr0.52Ti0.48O3 thin films: Intrinsic and extrinsic dielectric responses. Applied Physics Letters, 2004, 85, 3821-3823.	3.3	34
13	Dielectric behavior of electroactive fluorinate-based polymers under dc electric field. Applied Physics Letters, 2004, 85, 3827-3829.	3.3	3
14	Dielectric relaxor behavior of Cd2Nb2O7. Applied Physics Letters, 2004, 85, 801-803.	3.3	8
15	dc electric-field dependence of the dielectric constant in polar dielectrics: Multipolarization mechanism model. Physical Review B, 2004, 69, .	3.2	146
16	Electroactive fluorinate-based polymers: Ferroelectric and dielectric properties. Journal of Applied Physics, 2004, 96, 7476-7484.	2.5	4
17	Crystalline structure and dielectric properties of (Sr1âˆ’1.5x Bi x) TiO3 ceramics. Journal of Materials Science, 2003, 38, 113-118.	3.7	9
18	Crystalline structure and dielectric properties of Ba(Ti1âˆ’y Ce y)O3. Journal of Materials Science, 2003, 38, 1057-1061.	3.7	23

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19	Dielectric properties and tunability of (Sr,Bi)TiO3 with MgO additive. Materials Letters, 2003, 57, 2927-2931.	2.6	14
20	Calculation of dielectric constant and loss of two-phase composites. Journal of Applied Physics, 2003, 93, 3475-3480.	2.5	57
21	Electrostrictive and dielectric properties of stretched poly(vinylidene fluorideâ€“trifluoroethylene) copolymers at cryogenic temperatures. Applied Physics Letters, 2003, 83, 1821-1823.	3.3	6
22	Dielectric properties of Bi2O3â€“ZnOâ€“Ta2O5 pyrochlore and zirconolite structure ceramics. Applied Physics Letters, 2003, 82, 3734-3736.	3.3	18
23	Dielectric relaxation and strain behavior of 95.5%â€‰Pb(Zn1/3Nb2/3)O3â€“4.5% PbTiO3 single crystals at cryogenic temperatures. Applied Physics Letters, 2003, 82, 790-792.	3.3	20
24	Dielectric loss modes of SrTiO3 thin films deposited on different substrates. Applied Physics Letters, 2002, 80, 1034-1036.	3.3	37
25	Low-temperature dielectric relaxation in the pyrochlore (Bi3/4Zn1/4)2(Zn1/4Ta3/4)2O7 compound. Applied Physics Letters, 2002, 80, 4807-4809.	3.3	42
26	Dielectric and conduction behavior of La-doped SrTiO3 with suppressed quantum-paraelectric background. Applied Physics Letters, 2002, 80, 643-645.	3.3	24
27	Dielectric relaxor and ferroelectric relaxor: Bi-doped paraelectric SrTiO3. Journal of Applied Physics, 2002, 91, 1487-1494.	2.5	128
28	Crystalline structure and dielectric behavior of (Ce,Ba)TiO3 ceramics. Journal of Materials Research, 2002, 17, 2787-2793.	2.6	17
29	Ferroelectric relaxor Ba(Ti,Ce)O3. Journal of Physics Condensed Matter, 2002, 14, 8901-8912.	1.8	98
30	Maxwellâ€“Wagner polarization in ceramic composites BaTiO3â€“(Ni0.3Zn0.7)Fe2.1O4. Journal of Applied Physics, 2002, 91, 794-797.	2.5	235
31	Ferroelectric-relaxor behavior of Ba(Ti0.7Zr0.3)O3 ceramics. Journal of Applied Physics, 2002, 92, 2655-2657.	2.5	242
32	Piezoelectric and electrostrictive strain behavior of Ce-doped BaTiO3 ceramics. Applied Physics Letters, 2002, 80, 3424-3426.	3.3	93
33	Piezoelectric and strain properties of Ba(Ti1â^'xZrx)O3 ceramics. Journal of Applied Physics, 2002, 92, 1489-1493.	2.5	411
34	Dielectric properties and high tunability of Ba(Ti0.7Zr0.3)O3 ceramics under dc electric field. Applied Physics Letters, 2002, 81, 1285-1287.	3.3	159
35	Electrical and magnetic properties of BaTiO3â^'(Ni0.3Zn0.7)Fe2.1O4 composites. Journal of Materials Science: Materials in Electronics, 2002, 13, 193-196.	2.2	26
36	Effect of dc bias on dielectric properties of Cd2Nb2O7 ceramics. Journal of Applied Physics, 2001, 90, 2465-2468.	2.5	36

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37	Compatibility of YBa2Cu3O6+Î´ superconductor with YBa3Ti2O8.5 compound. Journal of Materials Science Letters, 2001, 20, 1897-1899.	0.5	2
38	Oxygen vacancy related dielectric relaxation in (Sr1-1.5xBix)TiO3. Ferroelectrics, 2001, 262, 219-225.	0.6	1
39	Dielectric loss and defect mode of SrTiO3 thin films under direct-current bias. Applied Physics Letters, 2001, 78, 2754-2756.	3.3	38
40	Dielectric relaxation and conduction in SrTiO3 thin films under dc bias. Applied Physics Letters, 2001, 79, 818-820.	3.3	22
41	Dielectric behavior of paraelectricKTaO3,CaTiO3,and(Ln1/2Na1/2)TiO3under a dc electric field. Physical Review B, 2001, 64, .	3.2	81
42	Cluster polarization of Cd2Nb2O7 compound. Applied Physics Letters, 2000, 77, 732-734.	3.3	41
43	Effect of electric field and post-treatment on dielectric behavior of SrTiO3 single crystal. Journal of Applied Physics, 2000, 87, 3937-3940.	2.5	36
44	Dielectric relaxation processes in Cd2Nb2O7 compound. Journal of Applied Physics, 2000, 87, 7452-7456.	2.5	33
45	Phonon-coupled impurity dielectric modes inSr1â^'1.5xBixTiO3. Physical Review B, 2000, 61, 11363-11366.	3.2	36
46	Dielectric loss of SrTiO3 single crystals under direct current bias. Applied Physics Letters, 2000, 76, 1929-1931.	3.3	34
47	Dielectric spectra and electrical conduction in Fe-dopedSrTiO3. Physical Review B, 2000, 61, 3922-3926.	3.2	109
48	Impurity-induced ferroelectric relaxor behavior in quantum paraelectricSrTiO3and ferroelectricBaTiO3. Physical Review B, 2000, 61, 957-961.	3.2	122
49	Oxygen-vacancy-related low-frequency dielectric relaxation and electrical conduction inBi:SrTiO3. Physical Review B, 2000, 62, 228-236.	3.2	867
50	Dielectric and ultrasonic anomalies at 16, 37, and 65 K inSrTiO3. Physical Review B, 1999, 59, 6661-6664.	3.2	77
51	Variable-range-hopping conduction and metal-insulator transition in Cu-doped BaTiO3. Journal of Physics Condensed Matter, 1999, 11, 9703-9708.	1.8	15
52	Dielectric relaxation modes in bismuth-dopedSrTiO3:â€ƒThe relaxor behavior. Physical Review B, 1999, 59, 6670-6674.	3.2	77
53	Dielectric anomalies in bismuth-dopedSrTiO3:â€ƒDefect modes at low impurity concentrations. Physical Review B, 1999, 59, 6665-6669.	3.2	63
54	Oxygen-vacancy-related dielectric anomalies in La:SrTiO3. Applied Physics Letters, 1999, 74, 3044-3046.	3.3	84

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55	Variable-range-hopping conduction and dielectric relaxation in disorderedSr0.97(Ti1â^'xFex)O3â^'Î´. Physical Review B, 1998, 57, 11858-11861.	3.2	64
56	Dielectric properties of Ba(Ti1â^'yYy)O3 ceramics. Journal of Applied Physics, 1998, 84, 983-986.	2.5	83
57	Dielectric properties of Bi doped SrTiO3 ceramics in the temperature range 500â€“800 K. Journal of Applied Physics, 1998, 83, 4874-4877.	2.5	68
58	Bi:SrTiO3:A quantum ferroelectric and a relaxor. Physical Review B, 1998, 57, 7403-7406.	3.2	146
59	Dielectric properties of from to Hz in the temperature range 85 - 700 K. Journal of Physics Condensed Matter, 1997, 9, 3081-3088.	1.8	45