

# Seok-Jin Yoon

## List of Publications by Year in descending order

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126  
papers

4,033  
citations

136885

32  
h-index

128225

60  
g-index

127  
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127  
docs citations

127  
times ranked

5380  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Growth of Ferroelectric Oxide Thin Films on Polymers through Laser-Induced Low-Temperature Liquid-Phase Crystallization. <i>Chemistry of Materials</i> , 2020, 32, 6483-6493.	3.2	11
2	Versatile approaches to tune a nanocolumnar structure for optimized electrical properties of In <sub>2</sub> O <sub>3</sub> based gas sensor. <i>Sensors and Actuators B: Chemical</i> , 2017, 248, 894-901.	4.0	23
3	Low temperature firing and microwave dielectric properties of Bi <sub>4</sub> ~ <sup>x</sup> Ge <sub>3</sub> O <sub>12</sub> ~ <sup>1.5x</sup> ceramics. <i>Ceramics International</i> , 2017, 43, 2801-2806.	2.3	5
4	Synthesis and microwave dielectric properties of Bi <sub>2</sub> Ge <sub>3</sub> O <sub>9</sub> ceramics for application as advanced ceramic substrate. <i>Journal of the European Ceramic Society</i> , 2017, 37, 605-610.	2.8	33
5	Recent Progress on PZT Based Piezoelectric Energy Harvesting Technologies. <i>Actuators</i> , 2016, 5, 5.	1.2	177
6	Microstructural and Microwave Dielectric Properties of Bi <sub>12</sub> Ge <sub>20</sub> and Bi <sub>2</sub> O <sub>3</sub> ~Deficient Bi <sub>12</sub> Ge <sub>20</sub> Ceramics. <i>Journal of the American Ceramic Society</i> , 2016, 99, 2361-2367.	1.9	13
7	Flexible Nanocomposite Generator Using <scp>PZT</scp> Nanorods and Ag Nanowires. <i>International Journal of Applied Ceramic Technology</i> , 2016, 13, 480-486.	1.1	3
8	Relation between structure and piezoelectric properties of (1-x)yPbZrO <sub>3</sub> -xPbTiO <sub>3</sub> -yPb(Ni <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> ceramics near triple point composition. <i>Journal of the European Ceramic Society</i> , 2016, 36, 4049-4057.	2.8	41
9	Structural approaches for enhancing output power of piezoelectric polyvinylidene fluoride generator. <i>Nano Energy</i> , 2016, 22, 514-523.	8.2	38
10	Highly Sensitive H <sub>2</sub> S Sensor Based on the Metal-Catalyzed SnO <sub>2</sub> Nanocolumns Fabricated by Glancing Angle Deposition. <i>Sensors</i> , 2015, 15, 15468-15477.	2.1	39
11	Enhanced piezoelectric properties of vertically aligned single-crystalline NKN nano-rod arrays. <i>Scientific Reports</i> , 2015, 5, 10151.	1.6	20
12	Giant Electroresistive Ferroelectric Diode on 2DEG. <i>Scientific Reports</i> , 2015, 5, 10548.	1.6	10
13	Powerful curved piezoelectric generator for wearable applications. <i>Nano Energy</i> , 2015, 13, 174-181.	8.2	159
14	High Output Piezo/Triboelectric Hybrid Generator. <i>Scientific Reports</i> , 2015, 5, 9309.	1.6	216
15	High~Performance (Na <sub>0.5</sub> K <sub>0.5</sub> )NbO <sub>3</sub> Thin Film Piezoelectric Energy Harvester. <i>Journal of the American Ceramic Society</i> , 2015, 98, 119-124.	1.9	28
16	Piezoelectric Ceramics for Use in Multilayer Actuators and Energy Harvesters. <i>Journal of the American Ceramic Society</i> , 2014, 97, 3157-3163.	1.9	11
17	Highly Stretchable Piezoelectric~Pyroelectric Hybrid Nanogenerator. <i>Advanced Materials</i> , 2014, 26, 765-769.	11.1	469
18	Piezoelectric nanogenerators synthesized using KNbO <sub>3</sub> nanowires with various crystal structures. <i>Journal of Materials Chemistry A</i> , 2014, 2, 18547-18553.	5.2	47

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19	Nonvolatile Resistance Switching on Two-Dimensional Electron Gas. ACS Applied Materials & Interfaces, 2014, 6, 17785-17791.	4.0	5
20	Three-dimensional hemisphere-structured LiSn <sub>0.0125</sub> Mn <sub>1.975</sub> O <sub>4</sub> thin-film cathodes. Electrochemistry Communications, 2014, 43, 36-39.	2.3	9
21	Effects of vanadium substitution on the electrical performance of amorphous SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> thin-film capacitors. Scripta Materialia, 2014, 77, 45-48.	2.6	0
22	Superhydrophobic and antireflective nanograin-coated glass for high performance solar cells. Nano Research, 2014, 7, 670-678.	5.8	66
23	Non-volatile Control of 2DEG Conductivity at Oxide Interfaces. Advanced Materials, 2013, 25, 4612-4617.	11.1	47
24	Role of Alumina Buffer Layer on the Dielectric and Piezoelectric Properties of PZT System Thick Films. Journal of the American Ceramic Society, 2013, 96, 491-495.	1.9	0
25	Au-decorated WO <sub>3</sub> cross-linked nanodomes for ultrahigh sensitive and selective sensing of NO <sub>2</sub> and C <sub>2</sub> H <sub>5</sub> OH. RSC Advances, 2013, 3, 10452.	1.7	77
26	Structural dependence of the piezoelectric properties of KNbO <sub>3</sub> nanowires synthesized by the hydrothermal method. Acta Materialia, 2013, 61, 3703-3708.	3.8	26
27	Highly Ordered TiO <sub>2</sub> Nanotubes on Patterned Substrates: Synthesis-in-Place for Ultrasensitive Chemiresistors. Journal of Physical Chemistry C, 2013, 117, 17824-17831.	1.5	24
28	Extremely Sensitive and Selective NO Probe Based on Villi-like WO <sub>3</sub> Nanostructures for Application to Exhaled Breath Analyzers. ACS Applied Materials & Interfaces, 2013, 5, 10591-10596.	4.0	96
29	High-power properties of piezoelectric hard materials sintered at low temperature for multilayer ceramic actuators. Journal of the European Ceramic Society, 2013, 33, 1769-1778.	2.8	23
30	Effects of oxygen pressure on characteristics of 0.05Pb(AI <sub>0.5</sub> Nb <sub>0.5</sub> )O <sub>3</sub> ~0.95Pb(Zr <sub>0.52</sub> Ti <sub>0.48</sub> )O <sub>3</sub> thin films grown on alumina substrates by pulsed laser deposition. Sensors and Actuators A: Physical, 2013, 200, 68-73.	2.0	3
31	Piezoelectric properties of highly densified 0.01Pb (Mg <sub>1/2</sub> W <sub>1/2</sub> )O <sub>3</sub> ~0.41Pb (Ni <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> ~0.35PbTiO <sub>3</sub> ~0.23PbZrO <sub>3</sub> +0.1 wt% Y <sub>2</sub> O <sub>3</sub> +1.5 wt% ZnO thick films on alumina substrate. Ceramics International, 2013, 39, 1327-1333.	2.3	3
32	Structural variation of hydrothermally synthesized KNbO <sub>3</sub> nanowires. Journal of Applied Physics, 2012, 111, 114314.	1.1	6
33	Piezoelectric Materials: All-solution-processed Flexible Thin Film Piezoelectric Nanogenerator (Adv.) Tj ETQq1 1 0.784314 rgBT /Over 11.1	11.1	11.1
34	Effects of oxygen pressure on electrical properties of (Na <sub>0.5</sub> K <sub>0.5</sub> )NbO <sub>3</sub> films grown on Pt/Ti/SiO <sub>2</sub> /Si substrates. Acta Materialia, 2012, 60, 7034-7040.	3.8	20
35	Electrochemical properties of Li[Li <sub>0.2</sub> Mn <sub>0.54</sub> Co <sub>0.13</sub> Ni <sub>0.13</sub> ]O <sub>2</sub> cathode thin film by RF sputtering for all-solid-state lithium battery. Journal of Solid State Chemistry, 2012, 196, 288-292.	1.4	17
36	Self-activated ultrahigh chemosensitivity of oxide thin film nanostructures for transparent sensors. Scientific Reports, 2012, 2, 588.	1.6	110

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37	All-Solution-Processed Flexible Thin Film Piezoelectric Nanogenerator. <i>Advanced Materials</i> , 2012, 24, 6022-6027.	11.1	143
38	Fabrication and analysis of butterfly-type piezoelectric actuators. <i>Journal of the Korean Physical Society</i> , 2012, 61, 882-886.	0.3	0
39	Application of ordered mesoporous SiO <sub>2</sub> film for low power consumption in phase-change memory. <i>Microporous and Mesoporous Materials</i> , 2012, 163, 321-325.	2.2	9
40	Large in-plane permittivity of Ba <sub>0.6</sub> Sr <sub>0.4</sub> TiO <sub>3</sub> thin films crystallized using excimer laser annealing at 300°C. <i>Applied Physics Letters</i> , 2012, 101, .	1.5	9
41	Significantly reduced leakage currents in organic thin film transistors with Mn-doped Bi <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> high- $\kappa$ gate dielectrics. <i>Physica Status Solidi - Rapid Research Letters</i> , 2012, 6, 208-210.	1.2	7
42	Engineered domain configuration and piezoelectric energy harvesting in 0.7Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> -0.3PbTiO <sub>3</sub> single crystals. <i>Metals and Materials International</i> , 2012, 18, 499-503.	1.8	13
43	Effects of annealing atmosphere on the structural and electrical properties of (Na <sub>0.5</sub> K <sub>0.5</sub> )NbO <sub>3</sub> thin films grown by RF magnetron sputtering. <i>Acta Materialia</i> , 2012, 60, 3107-3112.	3.8	32
44	Influence of substrate temperature on the electrical and optical properties of Ga-doped ZnO thin films fabricated by continuous composition spread. <i>Ceramics International</i> , 2012, 38, S605-S608.	2.3	15
45	Study on the thermal stability of ordered mesoporous SiO <sub>2</sub> film for thermal insulating film. <i>Microporous and Mesoporous Materials</i> , 2012, 158, 123-128.	2.2	17
46	Chemically Deposited Sb <sub>2</sub> Se <sub>3</sub> Anode for Thin Film Lithium Batteries. <i>Communications in Computer and Information Science</i> , 2012, , 221-228.	0.4	0
47	Dependence of Gas Sensing Properties of Embossed TiO <sub>2</sub> Thin Films on Links Between Hollow Hemispheres. <i>Journal of the Korean Institute of Electrical and Electronic Material Engineers</i> , 2012, 25, 639-645.	0.0	0
48	Embossed TiO <sub>2</sub> Thin Films with Tailored Links between Hollow Hemispheres: Synthesis and Gas-Sensing Properties. <i>Journal of Physical Chemistry C</i> , 2011, 115, 9993-9999.	1.5	42
49	Synthesis and characterization of LiCoO <sub>2</sub> thin films prepared by the sol-gel method. <i>Solid State Sciences</i> , 2011, 13, 1232-1234.	1.5	7
50	Analysis of heat transfer in ordered and disordered mesoporous TiO <sub>2</sub> films by finite element analysis. <i>Microporous and Mesoporous Materials</i> , 2011, 144, 191-194.	2.2	12
51	Butterfly-shaped ultra slim piezoelectric ultrasonic linear motor. <i>Sensors and Actuators A: Physical</i> , 2011, 168, 127-130.	2.0	36
52	High-temperature thermoelectric properties of nanostructured Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> thin films. <i>Applied Physics Letters</i> , 2011, 98, .	1.5	38
53	Low-Temperature Crystallization of Sol-Gel Derived PbZr <sub>0.52</sub> Ti <sub>0.48</sub> O <sub>3</sub> Thin Films with a Vanadium Additive. <i>Journal of the Electrochemical Society</i> , 2011, 159, D9-D12.	1.3	6
54	Pore Structure Control of Ordered Mesoporous Silica Film Using Mixed Surfactants. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-5.	1.5	11

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55	Size Effects in the CO Sensing Properties of Nanostructured TiO <sub>2</sub> Thin Films Fabricated by Colloidal Templating. <i>Electronic Materials Letters</i> , 2010, 6, 31-34.	1.0	14
56	Mechanism of the Sensitivity Enhancement in TiO <sub>2</sub> Hollow-Hemisphere Gas Sensors. <i>Electronic Materials Letters</i> , 2010, 6, 135-139.	1.0	14
57	Investigation on the valence state of Te ions in the Bi <sub>6</sub> Ti <sub>5</sub> TeO <sub>22</sub> thin film using X-ray photoelectron spectroscopy. <i>Journal of the European Ceramic Society</i> , 2010, 30, 517-520.	2.8	2
58	Leakage current mechanism and effect of oxygen vacancy on the leakage current of Bi <sub>5</sub> Nb <sub>3</sub> O <sub>15</sub> films. <i>Journal of the European Ceramic Society</i> , 2010, 30, 513-516.	2.8	18
59	Effect of porosity on the Seebeck coefficient of mesoporous TiO <sub>2</sub> thin films. <i>Thin Solid Films</i> , 2010, 518, 7196-7198.	0.8	20
60	Electrical and optical properties of Ga doped zinc oxide thin films deposited at room temperature by continuous composition spread. <i>Applied Surface Science</i> , 2010, 256, 6219-6223.	3.1	18
61	Low-Temperature Sintered Pb(Zr,Ti)O <sub>3</sub> â€“Pb(Mn,Sb)O <sub>3</sub> â€“Pb(Zn,Nb)O <sub>3</sub> for Multilayer Ceramic Actuators. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 071503.	0.8	12
62	Improved Dielectric Properties of Low-Temperature-Sintered (Ba,Sr)TiO <sub>3</sub> -Based Ceramics by Ge Substitution. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 071505.	0.8	0
63	DC Bias Effects on Piezoelectric Constants of Rhombohedral Pb(Zn <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> â€“PbTiO <sub>3</sub> Single Crystals. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 111502.	0.8	0
64	Effect of UV-Assisted RTA on the Electrical Properties of (Ba,Sr)TiO <sub>3</sub> Films for Low Temperature Embedding of Decoupling Capacitor. <i>Journal of the Electrochemical Society</i> , 2009, 156, G230.	1.3	4
65	Control of Tiny Ultrasonic Linear Actuator Using Magneto-resistive Sensor for Camera Module. <i>Electric Power Components and Systems</i> , 2009, 38, 22-32.	1.0	1
66	Structural and Electrical Properties of Mn-Doped Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> Thin Film Grown on TiN/SiO <sub>2</sub> /Si Substrate for RF MIM Capacitors. <i>IEEE Transactions on Electron Devices</i> , 2009, 56, 1631-1636.	1.6	1
67	Phase evolution and Sn-substitution in LiMn <sub>2</sub> O <sub>4</sub> thin films prepared by pulsed laser deposition. <i>Journal of Electroceramics</i> , 2009, 23, 200-205.	0.8	11
68	LiCoO <sub>2</sub> thin film cathodes grown by solâ€“gel method. <i>Journal of Electroceramics</i> , 2009, 23, 214-218.	0.8	10
69	Structural and electrochemical properties of Nichrome anode thin films for lithium battery. <i>Journal of Electroceramics</i> , 2009, 23, 230-235.	0.8	4
70	Multilayer piezoelectric energy scavenger for large current generation. <i>Journal of Electroceramics</i> , 2009, 23, 301-304.	0.8	68
71	Multilayer piezoelectric linear ultrasonic motor for camera module. <i>Journal of Electroceramics</i> , 2009, 22, 346-351.	0.8	24
72	Effect of CuO addition on sintering temperature and piezoelectric properties of 0.05Pb(Al <sub>0.5</sub> Nb <sub>0.5</sub> )O <sub>3</sub> â€“0.95Pb(Zr <sub>0.52</sub> Ti <sub>0.48</sub> )O <sub>3</sub> +0.7Åwt.% Nb <sub>2</sub> O <sub>5</sub> + 0.5Åwt.% MnO <sub>2</sub> ceramics. <i>Journal of Electroceramics</i> , 2009, 23, 572-575.	0.8	12

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73	Fabrication of Bismuth Telluride-Based Alloy Thin Film Thermoelectric Devices Grown by Metal Organic Chemical Vapor Deposition. Journal of Electronic Materials, 2009, 38, 920-924.	1.0	56
74	XPS/EXAFS study of cycleability improved LiMn2O4 thin film cathodes prepared by solution deposition. Electrochemistry Communications, 2009, 11, 695-698.	2.3	24
75	Dynamic properties of an omni-directional piezoelectric motor for precision position control. Ultrasonics, 2009, 49, 594-598.	2.1	2
76	Effect of oxygen vacancy and Mn-doping on electrical properties of Bi4Ti3O12 thin film grown by pulsed laser deposition. Acta Materialia, 2009, 57, 2454-2460.	3.8	26
77	Electrical Properties of $\text{Bi}_5\text{Nb}_3\text{O}_{15}$ Thin Film Grown on $\text{TiN}/\text{SiO}_2/\text{Si}$ at Room Temperature for Metal-Insulator-Metal Capacitors. IEEE Electron Device Letters, 2009, 30, 614-616.	2.2	8
78	Issue and challenges facing rechargeable thin film lithium batteries. Materials Research Bulletin, 2008, 43, 1913-1942.	2.7	514
79	Improved cycleability of LiMn2O4-based thin films by Sn substitution. Applied Physics Letters, 2008, 93, .	1.5	6
80	Structural and Electrical Properties of $\text{Bi}_5\text{Nb}_3\text{O}_{15}$ Thin Films for MIM Capacitors with Low Processing Temperatures. Journal of the Electrochemical Society, 2008, 155, G148.	1.3	22
81	Effect of Oxygen Pressure on the Electrical Properties of $\text{Bi}_5\text{Nb}_3\text{O}_{15}$ Films Grown by RF Magnetron Sputtering. IEEE Electron Device Letters, 2008, 29, 984-987.	2.2	12
82	Electrical Properties of Amorphous $\text{Bi}_5\text{Nb}_3\text{O}_{15}$ Thin Film for RF MIM Capacitors. IEEE Electron Device Letters, 2008, 29, 684-687.	2.2	24
83	Investigation on the Electric Properties of $\text{Bi}_{1.5}\text{ZnNb}_{1.5}\text{O}_7$ Thin Films Grown on TiN Substrate for MIM Capacitors. IEEE Electron Device Letters, 2008, 29, 334-337.	2.2	18
84	Oxygen Pressure and Mn-Doping Effects on the Structure and Leakage Current of $\text{Bi}_6\text{Ti}_5\text{TeO}_{22}$ Thin Film. Journal of the Electrochemical Society, 2008, 155, G199.	1.3	7
85	Effect of Oxygen Vacancies on the Electrical Properties of $\text{Bi}_6\text{Ti}_5\text{TeO}_{22}$ Thin Film. Electrochemical and Solid-State Letters, 2008, 11, G51.	2.2	4
86	Control of piezoelectric energy harvesting characteristics via the materials properties or geometry modification. , 2008, , .		0
87	Structural and Electrical Properties of $\text{Bi}_6\text{Ti}_5\text{TeO}_{22}$ Thin Films Grown on Pt/Ti/SiO2/Si Substrate. Journal of the Electrochemical Society, 2008, 155, G87.	1.3	15
88	Phenomenological Analysis of Piezoelectric Properties in $0.88\text{Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3 \cdot 0.12\text{PbTiO}_3$ Single Crystals with an Engineering Domain Configuration. Journal of the Korean Ceramic Society, 2008, 45, 139-141.	1.1	1
89	Piezoelectric and Dielectric Properties of $0.05\text{Pb}(\text{Al}_{0.5}\text{Nb}_{0.5})\text{O}_3 \cdot 0.95\text{Pb}(\text{Zr}_{0.52}\text{Ti}_{0.48})\text{O}_3$ Ceramics Doped with $\text{Nb}_2\text{O}_5$ and $\text{MnO}_2$ . Japanese Journal of Applied Physics, 2007, 46, 691-694.	0.8	10
90	Low Temperature Sintering of ZnO-Doped $0.01\text{Pb}(\text{Mg}_{1/2}\text{W}_{1/2})\text{O}_3 \cdot 0.41\text{Pb}(\text{Ni}_{1/3}\text{Nb}_{2/3})\text{O}_3 \cdot 0.35\text{PbTiO}_3 \cdot 0.23\text{PbZrO}_3$ Ceramics. Japanese Journal of Applied Physics, 2007, 46, 276-279.		13

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91	Influence of applied electric field annealing on the microwave properties of (Ba <sub>0.5</sub> Sr <sub>0.5</sub> )TiO <sub>3</sub> thin films. Applied Physics Letters, 2007, 90, 162905.	1.5	8
92	Analysis of Inhomogeneous Stress Distribution in the Piezoelectric Ceramics of Unimorph Cantilever for Energy Harvesting. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	1
93	Improvement of dielectric loss of (Ba,Sr)(Ti,Zr)O <sub>3</sub> ferroelectrics for tunable devices. Journal of the European Ceramic Society, 2007, 27, 2747-2751.	2.8	25
94	Analysis of the Failure Position in the Unimorph Cantilever for Energy Harvesting. Korean Journal of Materials Research, 2007, 17, 121-123.	0.1	4
95	A novel tiny ultrasonic linear motor using the radial mode of a bimorph. Sensors and Actuators A: Physical, 2006, 125, 477-481.	2.0	56
96	A study on the friction and thrust force of the shaft and mobile element in the impact typed piezoelectric ultrasonic linear motor. Journal of Electroceramics, 2006, 17, 499-503.	0.8	7
97	Characteristics of PMW-PNN-PT-PZ thick films on various bottom electrodes. Journal of Electroceramics, 2006, 17, 495-498.	0.8	2
98	Surface acoustic wave sensors to detect volatile gases by measuring output phase shift. Journal of Electroceramics, 2006, 17, 1013-1017.	0.8	4
99	The effect of ammonium sulfide treatment on interfacial properties in ZnS/HgCdTe heterostructure. Journal of Electroceramics, 2006, 17, 1041-1045.	0.8	1
100	Constructions and characteristics of a tiny piezoelectric linear motor using radial mode vibrations. Journal of Electroceramics, 2006, 17, 603-608.	0.8	4
101	Analysis of driving mechanism for tiny piezoelectric linear motor. Journal of Electroceramics, 2006, 17, 609-612.	0.8	15
102	Microwave dielectric properties of Ca[(Li <sub>1/3</sub> Nb <sub>2/3</sub> ) <sub>1-x</sub> Ti <sub>x</sub> ]O <sub>3</sub> ceramics with glass. Journal of Electroceramics, 2006, 17, 399-403.	0.8	8
103	Wear and dynamic properties of piezoelectric ultrasonic motor with frictional materials coated stator. Materials Chemistry and Physics, 2005, 90, 391-395.	2.0	49
104	Optimization of a piezoelectric linear motor in terms of the contact parameters. Materials Chemistry and Physics, 2005, 90, 322-326.	2.0	22
105	Effects of ZnO on piezoelectric properties of 0.01PMWâ€“0.41PNNâ€“0.35PTâ€“0.23PZ ceramics. Materials Chemistry and Physics, 2005, 90, 396-400.	2.0	36
106	An earthworm-like locomotive mechanism for capsule endoscopes. , 2005, , .		33
107	Effects of CuO and ZnO Additives on Sintering Temperature and Piezoelectric Properties of 0.41Pb(Ni <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> â€“0.36PbTiO <sub>3</sub> â€“0.23PbZrO <sub>3</sub> Ceramics. Japanese Journal of Applied Physics, 2004, 43, 205-210.	0.8	45
108	Compound Linear Ultrasonic Motor Based on Shaking Beam. Japanese Journal of Applied Physics, 2004, 43, 1454-1457.	0.8	4



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109	Deposition of SrFeO <sub>3</sub> -Dispersed SrMoO <sub>4</sub> Oxide Thin Films on Si (100) Surface for Spintronic Applications. <i>Integrated Ferroelectrics</i> , 2004, 67, 25-30.	0.3	2
110	Low-energy ion beam treatment of $\pm$ -Al <sub>2</sub> O <sub>3</sub> (0001) and improvement of photoluminescence of ZnO thin films. <i>Metals and Materials International</i> , 2004, 10, 351-355.	1.8	6
111	Analysis of shaking beam actuator for piezoelectric linear ultrasonic motor. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2004, 51, 1508-1513.	1.7	14
112	The effect of sintered aid CuO-Bi <sub>2</sub> O <sub>3</sub> on microwave dielectric properties of (Pb <sub>0.45</sub> Ca <sub>0.55</sub> )[(Fe <sub>0.5</sub> Nb <sub>0.5</sub> ) <sub>0.9</sub> Sn <sub>0.1</sub> ]O <sub>3</sub> ceramics. <i>Materials Chemistry and Physics</i> , 2003, 79, 261-265.	2.0	18
113	Dielectric and patch antenna characteristics of new high-Q (1-x)(Al <sub>1/2</sub> Ta <sub>1/2</sub> )O <sub>2</sub> -x(Mg <sub>1/3</sub> Ta <sub>2/3</sub> )O <sub>2</sub> (0 ≤ x ≤ 1) Tj ETQq1 1 0.78431 4r	2.0	10
114	Microwave dielectric properties of Bi <sub>2</sub> O <sub>3</sub> -doped Ca[(Li <sub>1/3</sub> Nb <sub>2/3</sub> ) <sub>1-x</sub> Ti <sub>x</sub> ]O <sub>3</sub> ceramics. <i>Journal of the European Ceramic Society</i> , 2003, 23, 2413-2416.	2.8	34
115	Microwave dielectric characteristics of 0.75(Al <sub>1/2</sub> Ta <sub>1/2</sub> )O <sub>2</sub> -0.25(Ti <sub>1-x</sub> Sn <sub>x</sub> )O <sub>2</sub> ceramics. <i>Journal of the European Ceramic Society</i> , 2003, 23, 2507-2510.	2.8	10
116	Effects of Electrode Configurations on Internal Stress Distribution of Multilayer Actuators. <i>Materials Research Society Symposia Proceedings</i> , 2003, 785, 691.	0.1	1
117	Low-Temperature Sintering and Piezoelectric Properties of ZnO-Added 0.41Pb(Ni <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> -0.36PbTiO <sub>3</sub> -0.23PbZrO <sub>3</sub> Ceramics. <i>Japanese Journal of Applied Physics</i> , 2003, 42, 5676-5680.	0.8	38
118	Microwave Dielectric Properties of CaTiO <sub>3</sub> -CaAl <sub>1/2</sub> Nb <sub>1/2</sub> O <sub>3</sub> Ceramics Doped with Li <sub>3</sub> NbO <sub>4</sub> . <i>Journal of the American Ceramic Society</i> , 2002, 85, 1327-1329.	1.9	18
119	Microwave dielectric properties of B <sub>2</sub> O <sub>3</sub> -doped Ca[(Li <sub>1/3</sub> Nb <sub>2/3</sub> ) <sub>0.9</sub> Ti <sub>0.1</sub> ]O <sub>3</sub> ceramics. <i>Ferroelectrics</i> , 2001, 262, 167-172.	0.3	5
120	Microwave Dielectric Properties of (1-x)(Al <sub>1/2</sub> Ta <sub>1/2</sub> )O <sub>2</sub> -x(Mg <sub>1/3</sub> Ta <sub>2/3</sub> )O <sub>2</sub> Ceramics. <i>Journal of the American Ceramic Society</i> , 2001, 84, 2570-2572.	1.9	7
121	Crystal structure and microwave dielectric properties of La(Mg <sub>1/2</sub> Ti <sub>1/2</sub> )O <sub>3</sub> ceramics. <i>Journal of Materials Science Letters</i> , 2000, 19, 131-134.	0.5	71
122	Microwave dielectric properties of Ca[(Li <sub>1/3</sub> Nb <sub>2/3</sub> ) <sub>1-x</sub> M <sub>x</sub> ]O <sub>3</sub> (M = Sn, Ti) ceramics. <i>Journal of Materials Research</i> , 1999, 14, 3567-3570.	1.2	64
123	Piezoelectric Properties of Pb[Zr <sub>0.45</sub> Ti <sub>0.55</sub> -xLux(Mn <sub>1/3</sub> Sb <sub>2/3</sub> ) <sub>0.05</sub> ]O <sub>3</sub> Ceramics. <i>Journal of the American Ceramic Society</i> , 1998, 81, 2473-2476.	1.9	31
124	Microwave Characteristics of (Pb,Ca)(Fe,Nb,Sn)O <sub>3</sub> Dielectric Materials. <i>Journal of the American Ceramic Society</i> , 1997, 80, 2937-2940.	1.9	46
125	Effect of Additives on the Electromechanical Properties of Pb(Zr,Ti)O <sub>3</sub> -Pb(Y <sub>2/3</sub> W <sub>1/3</sub> )O <sub>3</sub> Ceramics. <i>Journal of the American Ceramic Society</i> , 1997, 80, 1035-1039.	1.9	62
126	Dielectric and piezoelectric properties of xPb(Y <sub>2/3</sub> W <sub>1/3</sub> )O <sub>3</sub> -(1-x)Pb(Zr <sub>0.52</sub> Ti <sub>0.48</sub> )O <sub>3</sub> ceramics. <i>Ferroelectrics</i> , 1993, 145, 1-7.	0.3	9