

# Wataru Sakamoto

## List of Publications by Year in descending order

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202  
papers

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citations

147801

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docs citations

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times ranked

5125  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and properties of reduction-resistant lead-free $\text{NaNbO}_3$ - $\text{BaTiO}_3$ piezoelectric ceramics. Japanese Journal of Applied Physics, 2021, 60, SFFC03.	1.5	4
2	Effect of $\text{Li}_2\text{CO}_3$ as a Grain Growth Promoting Agent on Properties Improvement of Reduction-resistant $\text{BaTiO}_3$ -based Lead-free Piezoelectric Ceramics. Journal of the Society of Powder Technology, Japan, 2020, 57, 88-96.	0.1	0
3	Fabrication of Reduction-resistant $\text{BaTiO}_3$ -based Lead-free Piezoelectric Ceramics and Approach for Improving Their Properties. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2020, 67, 484-492.	0.2	0
4	Effects of $\text{Li}_2\text{CO}_3$ addition on the microstructural and electrical properties of lead-free piezoelectric $(\text{Ba,Ca})(\text{Ti,Zr})\text{O}_3$ ceramics sintered in air or a reducing atmosphere. Japanese Journal of Applied Physics, 2019, 58, SLLC04.	1.5	2
5	Cellulose-based molecularly imprinted red-blood-cell-like microparticles for the selective capture of cortisol. Carbohydrate Polymers, 2018, 193, 173-178.	10.2	11
6	Fabrication of lead-free piezoelectric $\text{Li}_2\text{CO}_3$ -added $(\text{Ba,Ca})(\text{Ti,Sn})\text{O}_3$ ceramics under controlled low oxygen partial pressure and their properties. Japanese Journal of Applied Physics, 2018, 57, 021501.	1.5	5
7	Organic-Inorganic Hybrid Hollow Nanoparticles Suppress Oxidative Stress and Repair Damaged Tissues for Treatment of Hepatic Fibrosis. Advanced Functional Materials, 2018, 28, 1706332.	14.9	6
8	Red blood cell-like particles with the ability to avoid lung and spleen accumulation for the treatment of liver fibrosis. Biomaterials, 2018, 156, 45-55.	11.4	26
9	Synthesis of titania nanoparticle-dispersed hybrid membranes from allyloxytitanium and phosphonic acid derivatives for fuel cell. Journal of Membrane Science, 2018, 563, 221-228.	8.2	4
10	Red Blood Cell-Shaped Microparticles with a Red Blood Cell Membrane Demonstrate Prolonged Circulation Time in Blood. ACS Biomaterials Science and Engineering, 2018, 4, 2729-2732.	5.2	17
11	Effect of degree of crystallographic texture on ferroelectric and piezoelectric properties of $\text{Ba}_{0.85}\text{Ca}_{0.15}\text{TiO}_3$ piezoceramics. Journal of the American Ceramic Society, 2017, 100, 2098-2107.	3.8	33
12	Organic-Inorganic Hybrid Nanoparticles for Tracking the Same Cells Seamlessly at the Cellular, Tissue, and Whole Body Levels. ACS Biomaterials Science and Engineering, 2017, 3, 1129-1135.	5.2	7
13	Fabrication and properties of nonreducible lead-free piezoelectric Mn-doped $(\text{Ba,Ca})\text{TiO}_3$ ceramics. Ceramics International, 2017, 43, S166-S171.	4.8	17
14	Synthesis of inorganic-organic hybrid membranes consisting of organotrisiloxane linkages and their fuel cell properties at intermediate temperatures. Polymer, 2017, 120, 264-271.	3.8	4
15	Metallic glass separators for fuel cells at intermediate temperatures. Materials Letters, 2017, 206, 87-90.	2.6	2
16	Theranostic Nanoparticles for MRI-Guided Thermochemotherapy: Tight Clustering of Magnetic Nanoparticles Boosts Relaxivity and Heat-Generation Power. ACS Biomaterials Science and Engineering, 2017, 3, 95-105.	5.2	41
17	Development of Reduction-Resistant Grain-Oriented $\text{BaTiO}_3$ -Based Piezoelectric Ceramics. Hosokawa Powder Technology Foundation ANNUAL REPORT, 2017, 25, 54-61.	0.0	0
18	Synthesis of inorganic-organic hybrid membranes consisting of triazole linkages formed by the azide-alkyne click reaction. Journal of Membrane Science, 2016, 517, 21-29.	8.2	8

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19	Smart Ferrofluid with Quick Gel Transformation in Tumors for MRI-Guided Local Magnetic Thermochemotherapy. <i>Advanced Functional Materials</i> , 2016, 26, 1708-1718.	14.9	72
20	Effect of texturing on polarization switching dynamics in ferroelectric ceramics. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	32
21	One-Pot Synthesis of Dual Stimulus-Responsive Degradable Hollow Hybrid Nanoparticles for Image-Guided Trimodal Therapy. <i>Advanced Functional Materials</i> , 2016, 26, 8613-8622.	14.9	38
22	Photocurrent enhancement of chemically synthesized Ag nanoparticle-embedded BiFeO <sub>3</sub> thin films. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 10TA14.	1.5	12
23	One-pot synthesis of inorganic/organic hybrid membranes from organoalkoxysilane, hydroimidazole derivative, and cyclic sulfonic acid ester. <i>Journal of Materials Science</i> , 2016, 51, 3398-3407.	3.7	7
24	One-pot synthesis of proton-conductive inorganic-organic hybrid membranes from organoalkoxysilane and phosphonic acid derivatives. <i>Journal of Membrane Science</i> , 2016, 502, 133-140.	8.2	15
25	Crystal structure and solid state ionic conductivity of molecular crystal composed of lithium bis(trifluoromethanesulfonyl)amide and 1,2-dimethoxybenzene in a 1:1 molar ratio. <i>Solid State Ionics</i> , 2016, 285, 29-32.	2.7	10
26	Fabrication and Characterization of Lead-Free Grain-Oriented Reduction-Resistant $\text{Ba}_{1-x}\text{Ca}_x\text{TiO}_3$ Piezoelectric Ceramics. <i>Journal of the Society of Powder Technology, Japan</i> , 2016, 53, 824-831.	0.1	2
27	Proton-conductive inorganic-organic hybrid membranes synthesized from a trimethoxysilylmethylstyrene-fluorophenylvinyl acid copolymer. <i>Journal of Membrane Science</i> , 2015, 488, 166-172.	8.2	12
28	Enhancement of photoinduced electrical properties of Al-doped ZnO/BiFeO <sub>3</sub> layered thin films prepared by chemical solution deposition. <i>Japanese Journal of Applied Physics</i> , 2015, 54, 10NA05.	1.5	8
29	Improvement of the Ferroelectric Properties of Chemically Synthesized Bi <sub>1/2</sub> Na <sub>1/2</sub> TiO <sub>3</sub> Thin Films via Mn Doping. <i>Ferroelectrics</i> , 2015, 479, 56-63.	0.6	4
30	Electrocaloric properties of PZT- and BaTiO <sub>3</sub> - based ceramics and LiNbO <sub>3</sub> crystals. , 2015, , .		1
31	Photoinduced electrical properties of Mn-doped BiFeO <sub>3</sub> thin films prepared by chemical solution deposition. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 09PA17.	1.5	12
32	Magnetically Responsive Smart Nanoparticles for Cancer Treatment with a Combination of Magnetic Hyperthermia and Remote-Control Drug Release. <i>Theranostics</i> , 2014, 4, 834-844.	10.0	186
33	In situ synthesis of manganese zinc ferrite nanoparticle/polymer hybrid nanocomposite from metal organics. <i>Journal of Materials Science</i> , 2014, 49, 5093-5099.	3.7	8
34	Transparent and self-standing manganese zinc ferrite nanoparticle/cellulose hybrid films. <i>Materials Letters</i> , 2014, 137, 491-494.	2.6	10
35	Precisely controlled supramolecular ionic conduction paths and their structure-conductivity relationships for lithium ion transport. <i>CrystEngComm</i> , 2014, 16, 10512-10518.	2.6	14
36	Crystal Structure and Solid-state Ionic Conductivity of Cyclic Sulfonylamide Salts with Cyano-substituted Quaternary Ammonium Cations. <i>Chemistry Letters</i> , 2014, 43, 108-110.	1.3	9

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37	In situ synthesis of transparent TiO <sub>2</sub> nanoparticle/polymer hybrid. Journal of Materials Science, 2013, 48, 7503-7509.	3.7	13
38	One-pot synthesis of magnetic nanoparticles assembled on polysiloxane rod and their response to magnetic field. Colloid and Polymer Science, 2013, 291, 2837-2842.	2.1	5
39	Influence of volatile element composition and Mn doping on the electrical properties of lead-free piezoelectric (Bi <sub>0.5</sub> Na <sub>0.5</sub> )TiO <sub>3</sub> thin films. Sensors and Actuators A: Physical, 2013, 200, 60-67.	4.1	26
40	Structural Design of Ionic Conduction Paths in Molecular Crystals for Selective and Enhanced Lithium Ion Conduction. Chemistry - A European Journal, 2013, 19, 13554-13560.	3.3	18
41	Synthesis of patterned and transparent TiO <sub>2</sub> nanoparticle/polymer hybrid films. Materials Letters, 2013, 107, 235-238.	2.6	5
42	Vibrational Energy Harvesting Using a Unimorph with PZT- or BT-Based Ceramics. Ferroelectrics, 2013, 446, 67-77.	0.6	8
43	Properties of flexible, transparent barium titanate nanoparticle/poly(2-hydroxyethyl methacrylate) hybrid. Journal of Materials Science, 2013, 48, 282-287.	3.7	2
44	Synthesis and properties of multiferroic 0.7BiFeO <sub>3</sub> ~0.3BaTiO <sub>3</sub> thin films by Mn doping. Ceramics International, 2013, 39, S451-S455.	4.8	14
45	Fabrication and Characterization of (100),(001)-Oriented Reduction-Resistant Lead-Free Piezoelectric (Ba,Ca)TiO <sub>3</sub> Ceramics Using Platelike Seed Crystals. Japanese Journal of Applied Physics, 2013, 52, 09KD08.	1.5	23
46	Photocurrent Properties of BiFeO <sub>3</sub> Thin Films Prepared by Chemical Solution Deposition. Ferroelectrics, 2013, 453, 20-25.	0.6	3
47	Synthesis and characterization of multiferroic Pb(Zr,Ti)O <sub>3</sub> /CoFe <sub>2</sub> O <sub>4</sub> /Pb(Zr,Ti)O <sub>3</sub> layered composite thin films by chemical solution deposition. Journal of the Ceramic Society of Japan, 2013, 121, 614-618.	1.1	9
48	Superparamagnetic Nanoparticle Clusters for Cancer Theranostics Combining Magnetic Resonance Imaging and Hyperthermia Treatment. Theranostics, 2013, 3, 366-376.	10.0	291
49	Molecular Ionics in Supramolecular Assemblies with Channel Structures Containing Lithium Ions. Chemistry - A European Journal, 2012, 18, 15305-15309.	3.3	22
50	Synthesis and optical properties of ZrO <sub>2</sub> with incorporated Ti nanoparticle/polymer hybrid. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	3
51	Combination of organic cation and cyclic sulfonylamide anion exhibiting plastic crystalline behavior in a wide temperature range. RSC Advances, 2012, 2, 8502.	3.6	22
52	Electrical Properties of Lead-Free Ferroelectric Mn-Doped K <sub>0.5</sub> Na <sub>0.5</sub> NbO <sub>3</sub> ~CaZrO <sub>3</sub> Thin Films Prepared by Chemical Solution Deposition. Japanese Journal of Applied Physics, 2012, 51, 09LA03.	1.5	7
53	Thermal and vibrational energy harvesting using PZT- and BT-based ceramics. , 2012, , .		4
54	In situ synthesis of cobalt ferrite nanoparticle/polymer hybrid from a mixed Fe~Co methacrylate for magnetic hyperthermia. Journal of Magnetism and Magnetic Materials, 2012, 324, 3158-3164.	2.3	11

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55	Synthesis of field-responsive PbTiO <sub>3</sub> particle/polymer hybrids from metal-organics. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 408, 57-63.	4.7	2
56	Synthesis and 3D hierarchical organization of 2D structured iron oxide based on enzymatic structure, activity and thermostability. <i>Materials Research Bulletin</i> , 2012, 47, 3959-3964.	5.2	2
57	Ferroelectric properties of alkoxy-derived transparent BaTiO <sub>3</sub> nanoparticle/polymer hybrid. <i>Materials Letters</i> , 2012, 89, 40-42.	2.6	9
58	Non-Centrosymmetric Coordination Polymer with a Highly Hindered Octahedral Copper Center Bridged by Mandelate. <i>Inorganic Chemistry</i> , 2012, 51, 4689-4693.	4.0	12
59	Synthesis of Er-doped ZnO nanoparticle/organic hybrid from metal-organics. <i>Journal of Materials Science</i> , 2012, 47, 5128-5133.	3.7	4
60	Electrical Properties of Lead-Free Ferroelectric Mn-Doped K <sub>0.5</sub> Na <sub>0.5</sub> NbO <sub>3</sub> CaZrO <sub>3</sub> Thin Films Prepared by Chemical Solution Deposition. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 09LA03.	1.5	13
61	Synthesis of BiFeO <sub>3</sub> Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> Thin Films by Chemical Solution Deposition and Their Properties. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 09NB04.	1.5	12
62	Formation of TiO <sub>2</sub> Nanostructures by Enzyme-Mediated Self-Assembly for the Destruction of Macrophages. <i>Chemistry of Materials</i> , 2011, 23, 3341-3347.	6.7	11
63	Plastic crystalline lithium salt with solid-state ionic conductivity and high lithium transport number. <i>Chemical Communications</i> , 2011, 47, 6311.	4.1	25
64	Spin-glass behavior of nanocrystalline multiferroic bismuth ferrite lead titanate. <i>Journal of Materials Chemistry</i> , 2011, 21, 781-788.	6.7	14
65	In situ synthesis of transparent Eu-doped ZnO particle/organic hybrid. <i>Journal of the Ceramic Society of Japan</i> , 2011, 119, 872-875.	1.1	0
66	Processing of highly oriented (K,Na)NbO <sub>3</sub> thin films using a tailored metal-alkoxide precursor solution. <i>Journal of the European Ceramic Society</i> , 2011, 31, 2497-2503.	5.7	29
67	Nanomagnetism in nanocrystalline multiferroic bismuth ferrite lead titanate films. <i>Journal of Nanoparticle Research</i> , 2011, 13, 5603-5613.	1.9	6
68	Growth and properties of highly oriented lead-free Mn-doped NaNbO <sub>3</sub> BaTiO <sub>3</sub> piezoelectric thin films prepared by chemical solution deposition. <i>Journal of Crystal Growth</i> , 2011, 318, 879-883.	1.5	8
69	Synthesis of BiFeO <sub>3</sub> Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> Thin Films by Chemical Solution Deposition and Their Properties. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 09NB04.	1.5	13
70	Synthesis and properties of BiScO <sub>3</sub> -PbTiO <sub>3</sub> powders and thin films using metal-organic precursor solutions. <i>Journal of the Ceramic Society of Japan</i> , 2010, 118, 631-635.	1.1	4
71	Synthesis and properties of perovskite BiFeO <sub>3</sub> -K <sub>0.5</sub> Na <sub>0.5</sub> NbO <sub>3</sub> ceramics by solid-state reaction. <i>Journal of the Ceramic Society of Japan</i> , 2010, 118, 701-705.	1.1	9
72	Synthesis of BaTiO <sub>3</sub> nanoparticle/poly(2-hydroxyethyl methacrylate) hybrid nanofibers via electrospinning. <i>Composites Science and Technology</i> , 2010, 70, 492-497.	7.8	19

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73	Optical properties of transparent barium titanate nanoparticle/polymer hybrid synthesized from metal alkoxides. <i>Journal of Nanoparticle Research</i> , 2010, 12, 1933-1943.	1.9	14
74	Synthesis of Transparent and Field-Responsive BaTiO <sub>3</sub> Particle/Organosiloxane Hybrid Fluid. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4902-4906.	13.8	20
75	Proton conductive inorganic-organic hybrid membranes functionalized with phosphonic acid for polymer electrolyte fuel cell. <i>Journal of Power Sources</i> , 2010, 195, 5882-5888.	7.8	33
76	Lead-free piezoelectric thin films of Mn-doped NaNbO <sub>3</sub> -BaTiO <sub>3</sub> fabricated by chemical solution deposition. <i>Thin Solid Films</i> , 2010, 518, 4256-4260.	1.8	22
77	Electrosprayed Synthesis of Red-Blood-Cell-Like Particles with Dual Modality for Magnetic Resonance and Fluorescence Imaging. <i>Small</i> , 2010, 6, 2384-2391.	10.0	59
78	Electrosprayed Synthesis of Red-Blood-Cell-Like Particles with Dual Modality for Magnetic Resonance and Fluorescence Imaging. <i>Small</i> , 2010, 6, n/a-n/a.	10.0	1
79	Preparation and Properties of Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> Thin Films by Chemical Solution Deposition. <i>Ferroelectrics</i> , 2010, 405, 204-210.	0.6	10
80	Improvement in Ferroelectric Properties of Chemically Synthesized Lead-Free Piezoelectric (K,Na)(Nb,Ta)O <sub>3</sub> Thin Films by Mn Doping. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 09MA04.	1.5	34
81	High-Frequency, Magnetic-Field-Responsive Drug Release from Magnetic Nanoparticle/Organic Hybrid Based on Hyperthermic Effect. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 1903-1911.	8.0	230
82	One-Pot Biofunctionalization of Magnetic Nanoparticles via Thiol-Ene Click Reaction for Magnetic Hyperthermia and Magnetic Resonance Imaging. <i>Chemistry of Materials</i> , 2010, 22, 3768-3772.	6.7	81
83	Fabrication of Ferrimagnetic Ferrite Nanocrystal Clusters by a Double-Step Templated Reaction Using in Situ Polymerization of Phenylalanine. <i>Crystal Growth and Design</i> , 2010, 10, 2350-2354.	3.0	2
84	Synthesis and field-responsive properties of SrTiO <sub>3</sub> nanoparticle/polymer hybrid. <i>Journal of Materials Research</i> , 2009, 24, 2221-2228.	2.6	6
85	Effects of BaTiO <sub>3</sub> Content and Mn Doping on Ferroelectric Properties of NaNbO <sub>3</sub> -BaTiO <sub>3</sub> Thin Films Prepared by Chemical Solution Deposition. <i>Japanese Journal of Applied Physics</i> , 2009, 48, 09KA08.	1.5	21
86	Properties of highly oriented K(Sr,Ba) <sub>2</sub> Nb <sub>5</sub> O <sub>15</sub> thin films derived from a metal-alkoxide precursor solution. <i>Materials Chemistry and Physics</i> , 2009, 113, 558-561.	4.0	5
87	Electrical and magnetic properties of Mn-doped 0.7BiFeO <sub>3</sub> -0.3PbTiO <sub>3</sub> thin films prepared under various heating atmospheres. <i>Materials Chemistry and Physics</i> , 2009, 116, 536-541.	4.0	46
88	Synthesis of proton conductive inorganic-organic hybrid membranes from organoalkoxysilane and hydroxyalkylphosphonic acid. <i>Journal of Membrane Science</i> , 2009, 326, 701-707.	8.2	30
89	Synthesis of proton conductive membranes based on inorganic-organic hybrid structure bound with phosphonic acid. <i>Electrochimica Acta</i> , 2009, 55, 298-304.	5.2	15
90	Magnetic and rheological properties of monodisperse Fe <sub>3</sub> O <sub>4</sub> nanoparticle/organic hybrid. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 450-457.	2.3	41

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91	Size-Controlled Submicrometer Hollow Spheres Constituted of ZnO Nanoplates from Layered Zinc Hydroxide. <i>Inorganic Chemistry</i> , 2009, 48, 8544-8549.	4.0	11
92	Chemoselective Synthesis of Folic Acid-Functionalized Magnetite Nanoparticles via Click Chemistry for Magnetic Hyperthermia. <i>Chemistry of Materials</i> , 2009, 21, 1318-1325.	6.7	98
93	Effect of PAA-NH <sub>4</sub> Dispersant on Dispersibility of Aqueous Pb(Zr, Ti)O <sub>3</sub> Slurries and Piezoelectric Properties of Resultant Sintered Bodies. <i>Key Engineering Materials</i> , 2009, 421-422, 103-106.	0.4	0
94	One-Pot Synthesis and Morphology Control of Spinel Ferrite (MFe <sub>2</sub> O <sub>4</sub> , M =) Tj ETQq0 0 0 rgBT /Overlock 10 T 2009, 9, 1889-1893.	3.0	32
95	Effects of SrTiO <sub>3</sub> content and Mn doping on dielectric and magnetic properties of BiFeO <sub>3</sub> -SrTiO <sub>3</sub> ceramics. <i>Journal of the Ceramic Society of Japan</i> , 2009, 117, 939-943.	1.1	24
96	Synthesis of proton conductive inorganic-organic hybrid membranes through copolymerization of dimethylethoxyvinylsilane with vinylphosphonic acid. <i>Journal of Sol-Gel Science and Technology</i> , 2008, 46, 107-115.	2.4	12
97	Synthesis of transparent BaTiO <sub>3</sub> nanoparticle/polymer composite film using DC field. <i>Journal of Nanoparticle Research</i> , 2008, 10, 1203-1208.	1.9	0
98	Proton-conductive sol-gel membranes from phenylvinylphosphonic acid and organoalkoxysilanes with different functionalities. <i>Journal of Membrane Science</i> , 2008, 311, 182-191.	8.2	18
99	Synthesis and dielectric properties of (Ba,Ca)(Zr,Ti)O <sub>3</sub> thin films using metal-organic precursor solutions. <i>Thin Solid Films</i> , 2008, 516, 8408-8413.	1.8	31
100	Electronic structure of multiferroic $\text{BiFeO}_3$ resonant soft x-ray emission spectroscopy. <i>Physical Review B</i> , 2008, 78, .	3.2	82
101	Synthesis of spinel iron oxide nanoparticle/organic hybrid for hyperthermia. <i>Journal of Materials Research</i> , 2008, 23, 3415-3424.	2.6	21
102	Synthesis of Highly Transparent Lithium Ferrite Nanoparticle/Polymer Hybrid Self-standing Films Exhibiting Faraday Rotation in the Visible Region. <i>Journal of Physical Chemistry C</i> , 2008, 112, 14255-14261.	3.1	24
103	Valence State of Mn-Doped BiFeO <sub>3</sub> -BaTiO <sub>3</sub> Ceramics Probed by Soft X-ray Absorption Spectroscopy. <i>Applied Physics Express</i> , 2008, 1, 011502.	2.4	55
104	Effect of Mn Substitution for Multiferroic BiFeO <sub>3</sub> Probed by High-Resolution Soft-X-ray Spectroscopy. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 7570.	1.5	38
105	Synthesis of SrTiO <sub>3</sub> nanoparticle/polymer composite film using direct current field. <i>Journal of Materials Research</i> , 2008, 23, 127-132.	2.6	3
106	Impedance Spectroscopy Structural Analysis: Ca-Dopant Segregation in (Pb <sub>0.75</sub> Ba <sub>0.25</sub> )(Zr <sub>0.70</sub> Ti <sub>0.30</sub> )O <sub>3</sub> . <i>Japanese Journal of Applied Physics</i> , 2008, 47, 2176-2181.	1.5	9
107	Ferroelectric properties of chemically synthesized perovskite BiFeO <sub>3</sub> -PbTiO <sub>3</sub> thin films. <i>Journal of Applied Physics</i> , 2008, 104, .	2.5	64
108	Preparation and Characterization of Perovskite BiFeO <sub>3</sub> -BaTiO <sub>3</sub> Ceramics. <i>Applications of Ferroelectrics</i> , IEEE International Symposium on, 2007, .	0.0	0



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109	Synthesis of nickel zinc ferrite nanoparticle/organic hybrid from metalorganics. Journal of Materials Research, 2007, 22, 1967-1974.	2.6	7
110	Ferroelectric Properties of Chemically Synthesized Perovskite BiFeO <sub>3</sub> -PbTiO <sub>3</sub> Thin Films. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
111	Fabrication and Characterization of BiFeO <sub>3</sub> -BaTiO <sub>3</sub> Ceramics by Solid State Reaction. Ferroelectrics, 2007, 356, 19-23.	0.6	86
112	Fabrication and Properties of BiFeO <sub>3</sub> -KNbO <sub>3</sub> Ceramics. Ferroelectrics, 2007, 356, 180-184.	0.6	13
113	In situ synthesis of lithium ferrite nanoparticle/polymer hybrid. Journal of Materials Research, 2007, 22, 974-981.	2.6	6
114	Chemical Solution Processing and Properties of (Bi <sup>1/2</sup> Na <sup>1/2</sup> )TiO <sub>3</sub> Thin Films. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
115	Chemical Processing and Characterization of Ferroelectric (K,Na)NbO <sub>3</sub> Thin Films. Japanese Journal of Applied Physics, 2007, 46, 6971.	1.5	90
116	Lead-Free Piezoelectric (K,Na)NbO <sub>3</sub> Thin Films Derived from Metal Alkoxide Precursors. Japanese Journal of Applied Physics, 2007, 46, L311-L313.	1.5	120
117	Synthesis of organosiloxane-based inorganic/organic hybrid membranes with chemically bound phosphonic acid for proton-conductors. Electrochimica Acta, 2007, 52, 5924-5931.	5.2	39
118	Fabrication and characterization of intergrown Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> -based thin films using a metal-organic precursor solution. Journal of the European Ceramic Society, 2007, 27, 3765-3768.	5.7	6
119	Chemical solution processing and characterization of Ba(Zr,Ti)O <sub>3</sub> /LaNiO <sub>3</sub> layered thin films. Journal of Sol-Gel Science and Technology, 2007, 42, 213-220.	2.4	12
120	Synthesis of transparent BaTiO <sub>3</sub> nanoparticle/polymer hybrid. Journal of Nanoparticle Research, 2007, 9, 225-232.	1.9	17
121	Synthesis of proton-conductive sol-gel membranes from trimethoxysilylmethylstyrene and phenylvinylphosphonic acid. Journal of Membrane Science, 2007, 303, 43-53.	8.2	25
122	Preparation and Properties of BiFeO <sub>3</sub> -PbTiO <sub>3</sub> Thin Films by Chemical Solution Deposition. Transactions of the Materials Research Society of Japan, 2007, 32, 43-46.	0.2	1
123	Fabrication and properties of Er-substituted BaNb <sub>2</sub> O <sub>6</sub> thin films through a chemical route. Journal of Alloys and Compounds, 2006, 408-412, 538-542.	5.5	14
124	Fabrication and properties of perovskite Pb(Yb,Nb)O <sub>3</sub> -PbTiO <sub>3</sub> thin films through a sol-gel process. Journal of Alloys and Compounds, 2006, 408-412, 543-546.	5.5	13
125	Synthesis and properties of ferroelectric Si-doped (Bi, Nd) <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> thin films by chemical solution deposition. Journal of Electroceramics, 2006, 17, 293-297.	2.0	8
126	In Situ Synthesis of Nanosized ZnO Particle/Organic Hybrids. Japanese Journal of Applied Physics, 2006, 45, 6033-6038.	1.5	3



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127	Field-assisted synthesis of BaTiO <sub>3</sub> particle/polyvinylbutyral composite film. Journal of Materials Research, 2006, 21, 1843-1848.	2.6	2
128	In situ synthesis of nano-sized cobalt ferrite particle/organic hybrid. Journal of Materials Research, 2006, 21, 1336-1341.	2.6	4
129	Synthesis and Characterization of BiFeO <sub>3</sub> /PbTiO <sub>3</sub> Thin Films through Metalorganic Precursor Solution. Japanese Journal of Applied Physics, 2006, 45, 7315-7320.	1.5	58
130	Fabrication of Ferroelectric Self-assembled Fluorinated Polyether Monolayer on Hydrogen-terminated Si(111) Surface. Chemistry Letters, 2005, 34, 600-601.	1.3	1
131	Processing and properties of ferroelectric (Bi, La) <sub>4</sub> (Ti, Ge) <sub>3</sub> O <sub>12</sub> thin films by chemical solution deposition. Journal of the European Ceramic Society, 2005, 25, 2305-2308.	5.7	11
132	Orientation control of chemical solution deposited LaNiO <sub>3</sub> thin films. Thin Solid Films, 2005, 491, 78-81.	1.8	17
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