Wataru Sakamoto

List of Publications by Year
in descending order

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202	4,463	147801	138484
papers	citations	31 h-index	58 g-index

207	207	207	5125
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Processing and Piezoelectric Properties of Lead-Free (K,Na) (Nb,Ta) O3 Ceramics. Journal of the American Ceramic Society, 2005, 88, 1190-1196.	3.8	436
2	Superparamagnetic Nanoparticle Clusters for Cancer Theranostics Combining Magnetic Resonance Imaging and Hyperthermia Treatment. Theranostics, 2013, 3, 366-376.	10.0	291
3	High-Frequency, Magnetic-Field-Responsive Drug Release from Magnetic Nanoparticle/Organic Hybrid Based on Hyperthermic Effect. ACS Applied Materials & Interfaces, 2010, 2, 1903-1911.	8.0	230
4	Magnetically Responsive Smart Nanoparticles for Cancer Treatment with a Combination of Magnetic Hyperthermia and Remote-Control Drug Release. Theranostics, 2014, 4, 834-844.	10.0	186
5	Electromechanical properties of Nd-doped Bi4Ti3O12 films: A candidate for lead-free thin-film piezoelectrics. Applied Physics Letters, 2003, 82, 1760-1762.	3.3	170
6	Lead-Free Piezoelectric (K,Na)NbO3Thin Films Derived from Metal Alkoxide Precursors. Japanese Journal of Applied Physics, 2007, 46, L311-L313.	1.5	120
7	Chemoselective Synthesis of Folic Acidâ˜Functionalized Magnetite Nanoparticles via Click Chemistry for Magnetic Hyperthermia. Chemistry of Materials, 2009, 21, 1318-1325.	6.7	98
8	Chemical Processing and Characterization of Ferroelectric (K,Na)NbO₃ Thin Films. Japanese Journal of Applied Physics, 2007, 46, 6971.	1.5	90
9	Fabrication and Characterization of BiFeO₃-BaTiO₃Ceramics by Solid State Reaction. Ferroelectrics, 2007, 356, 19-23.	0.6	86
10	Electronic structure of multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BiFeO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> resonant soft x-ray emission spectroscopy. Physical Review B, 2008, 78, .	3.2	82
11	One-Pot Biofunctionalization of Magnetic Nanoparticles via Thiolâ˜Ene Click Reaction for Magnetic Hyperthermia and Magnetic Resonance Imaging. Chemistry of Materials, 2010, 22, 3768-3772.	6.7	81
12	Smart Ferrofluid with Quick Gel Transformation in Tumors for MRIâ€Guided Local Magnetic Thermochemotherapy. Advanced Functional Materials, 2016, 26, 1708-1718.	14.9	72
13	Ferroelectric properties of chemically synthesized perovskite BiFeO3â€“PbTiO3 thin films. Journal of Applied Physics, 2008, 104, .	2.5	64
14	Electrosprayed Synthesis of Redâ€Bloodâ€Cellâ€Like Particles with Dual Modality for Magnetic Resonance and Fluorescence Imaging. Small, 2010, 6, 2384-2391.	10.0	59
15	Synthesis and Characterization of BiFeO3â€“PbTiO3Thin Films through Metalorganic Precursor Solution. Japanese Journal of Applied Physics, 2006, 45, 7315-7320.	1.5	58
16	Synthesis of Strontium Barium Niobate Thin Films through Metal Alkoxide. Journal of the American Ceramic Society, 1996, 79, 2283-2288.	3.8	57
17	Valence State of Mn-Doped BiFeO₃â€“BaTiO₃Ceramics Probed by Soft X-ray Absorption Spectroscopy. Applied Physics Express, 2008, 1, 011502.	2.4	55
18	Electrical and magnetic properties of Mn-doped 0.7BiFeO3â€“0.3PbTiO3 thin films prepared under various heating atmospheres. Materials Chemistry and Physics, 2009, 116, 536-541.	4.0	46

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19	Processing and Properties of Rare Earth Ion-Doped Bismuth Titanate Thin Films by Chemical Solution Deposition method. Japanese Journal of Applied Physics, 2003, 42, 5222-5226.	1.5	42
20	Magnetic and rheological properties of monodisperse Fe3O4 nanoparticle/organic hybrid. Journal of Magnetism and Magnetic Materials, 2009, 321, 450-457.	2.3	41
21	Theranostic Nanoparticles for MRI-Guided Thermochemotherapy: â€œTightâ€•Clustering of Magnetic Nanoparticles Boosts Relaxivity and Heat-Generation Power. ACS Biomaterials Science and Engineering, 2017, 3, 95-105.	5.2	41
22	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
23	Effect of Mn Substitution for Multiferroic BiFeO₃ Probed by High-Resolution Soft-X-ray Spectroscopy. Japanese Journal of Applied Physics, 2008, 47, 7570.	1.5	38
24	Oneâ€Pot Synthesis of Dual Stimulusâ€Responsive Degradable Hollow Hybrid Nanoparticles for Imageâ€Guided Trimodal Therapy. Advanced Functional Materials, 2016, 26, 8613-8622.	14.9	38
25	In situ synthesis of nanocrystalline BaTiO3 particleâ€“polymer hybrid. Journal of Materials Research, 2004, 19, 3290-3297.	2.6	37
26	Improvement in Ferroelectric Properties of Chemically Synthesized Lead-Free Piezoelectric (K,Na)(Nb,Ta)O₃ Thin Films by Mn Doping. Japanese Journal of Applied Physics, 2010, 49, 09MA04.	1.5	34
27	Synthesis of Nd:YVO4Thin Films by a Sol-Gel Method. Journal of the American Ceramic Society, 1996, 79, 3041-3044.	3.8	33
28	Proton conductive inorganicâ€“organic hybrid membranes functionalized with phosphonic acid for polymer electrolyte fuel cell. Journal of Power Sources, 2010, 195, 5882-5888.	7.8	33
29	Effect of degree of crystallographic texture on ferroâ€•and piezoelectric properties of Ba_{0.85}Ca_{0.15}TiO₃ piezoceramics. Journal of the American Ceramic Society, 2017, 100, 2098-2107.	3.8	33
30	Synthesis of Î±â€“Fe2O3 particle/oligomer hybrid material. Journal of Materials Research, 1996, 11, 475-482.	2.6	32
31	One-Pot Synthesis and Morphology Control of Spinel Ferrite (MFe₂O₄, M =) Tj ETQq1 1 0.784314 rgBT /Over 2009, 9, 1889-1893.	3.0	32
32	Effect of texturing on polarization switching dynamics in ferroelectric ceramics. Applied Physics Letters, 2016, 108, .	3.3	32
33	Processing of Oriented K(Ta,Nb)O₃ Films Using Chemical Solution Deposition. Journal of the American Ceramic Society, 1999, 82, 1463-1466.	3.8	31
34	Synthesis and dielectric properties of (Ba,Ca)(Zr,Ti)O3 thin films using metal-organic precursor solutions. Thin Solid Films, 2008, 516, 8408-8413.	1.8	31
35	Synthesis of proton conductive inorganicâ€“organic hybrid membranes from organoalkoxysilane and hydroxyalkylphosphonic acid. Journal of Membrane Science, 2009, 326, 701-707.	8.2	30
36	Processing of highly oriented (K,Na)NbO3 thin films using a tailored metal-alkoxide precursor solution. Journal of the European Ceramic Society, 2011, 31, 2497-2503.	5.7	29

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37	Influence of volatile element composition and Mn doping on the electrical properties of lead-free piezoelectric (Bi0.5Na0.5)TiO3 thin films. Sensors and Actuators A: Physical, 2013, 200, 60-67.	4.1	26
38	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
39	Synthesis of proton-conductive solâ€“gel membranes from trimethoxysilylmethylstyrene and phenylvinylphosphonic acid. Journal of Membrane Science, 2007, 303, 43-53.	8.2	25
40	Plastic crystalline lithium salt with solid-state ionic conductivity and high lithium transport number. Chemical Communications, 2011, 47, 6311.	4.1	25
41	Synthesis of Highly Transparent Lithium Ferrite Nanoparticle/Polymer Hybrid Self-standing Films Exhibiting Faraday Rotation in the Visible Region. Journal of Physical Chemistry C, 2008, 112, 14255-14261.	3.1	24
42	Effects of SrTiO3 content and Mn doping on dielectric and magnetic properties of BiFeO3-SrTiO3 ceramics. Journal of the Ceramic Society of Japan, 2009, 117, 939-943.	1.1	24
43	Synthesis of PbTiO3/organic hybrid from metalorganic compounds. Journal of Materials Research, 1999, 14, 3275-3280.	2.6	23
44	Preparation and Properties of Bi4-xLaxTi3O12Ferroelectric Thin Films Using Excimer UV Irradiation. Japanese Journal of Applied Physics, 2002, 41, 6814-6819.	1.5	23
45	Fabrication and Characterization of (100),(001)-Oriented Reduction-Resistant Lead-Free Piezoelectric (Ba,Ca)TiO₃ Ceramics Using Platelike Seed Crystals. Japanese Journal of Applied Physics, 2013, 52, 09KD08.	1.5	23
46	Synthesis of transparent magnetic particle/organic hybrid film using ironâ€“organics. Journal of Materials Research, 2000, 15, 2114-2120.	2.6	22
47	Lead-free piezoelectric thin films of Mn-doped NaNbO3â€“BaTiO3 fabricated by chemical solution deposition. Thin Solid Films, 2010, 518, 4256-4260.	1.8	22
48	Molecular Ionics in Supramolecular Assemblies with Channel Structures Containing Lithium Ions. Chemistry - A European Journal, 2012, 18, 15305-15309.	3.3	22
49	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
50	Synthesis of magnetic particle/organic hybrid from metalorganic compounds. Journal of Materials Research, 1999, 14, 2855-2860.	2.6	21
51	Synthesis and Properties of Highly Oriented (Sr, Ba)(Nb, Ta)2O6Thin Films by Chemical Solution Deposition. Japanese Journal of Applied Physics, 2001, 40, 5599-5604.	1.5	21
52	Synthesis of Conductive LaNiO3Thin Films by Chemical Solution Deposition. Japanese Journal of Applied Physics, 2001, 40, 6049-6054.	1.5	21
53	Chemical Solution Processing and Properties of (Bi,Nd)4Ti3O12Ferroelectric Thin Films. Japanese Journal of Applied Physics, 2003, 42, 1660-1664.	1.5	21
54	Synthesis of spinel iron oxide nanoparticle/organic hybrid for hyperthermia. Journal of Materials Research, 2008, 23, 3415-3424.	2.6	21

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55	Effects of BaTiO₃Content and Mn Doping on Ferroelectric Properties of NaNbO₃â€“BaTiO₃Thin Films Prepared by Chemical Solution Deposition. Japanese Journal of Applied Physics, 2009, 48, 09KA08.	1.5	21
56	Synthesis of Transparent and Fieldâ€Responsive BaTiO₃ Particle/Organosiloxane Hybrid Fluid. Angewandte Chemie - International Edition, 2010, 49, 4902-4906.	13.8	20
57	Synthesis of Lead Barium Niobate Powders and Thin Films by the Sol-Gel Method. Journal of the American Ceramic Society, 1996, 79, 889-894.	3.8	19
58	Synthesis of BaTiO3 nanoparticle/poly(2-hydroxyethyl methacrylate) hybrid nanofibers via electrospinning. Composites Science and Technology, 2010, 70, 492-497.	7.8	19
59	Chemical Processing of Potassiumâ€Substituted Strontium Barium Niobate Thin Films through Metalloâ€organics. Journal of the American Ceramic Society, 1998, 81, 2692-2698.	3.8	18
60	Proton-conductive solâ€“gel membranes from phenylvinylphosphonic acid and organoalkoxysilanes with different functionalities. Journal of Membrane Science, 2008, 311, 182-191.	8.2	18
61	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
62	Synthesis of a KNbO3 particle/polymer hybrid from metalorganics. Journal of Materials Research, 2003, 18, 1679-1685.	2.6	17
63	Orientation control of chemical solution deposited LaNiO3 thin films. Thin Solid Films, 2005, 491, 78-81.	1.8	17
64	Synthesis of transparent BaTiO3 nanoparticle/polymer hybrid. Journal of Nanoparticle Research, 2007, 9, 225-232.	1.9	17
65	Fabrication and properties of nonreducible lead-free piezoelectric Mn-doped (Ba,Ca)TiO 3 ceramics. Ceramics International, 2017, 43, S166-S171.	4.8	17
66	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
67	In Situ Formation of Ce-TZP/Ba Hexaaluminate Composites.. Journal of the Ceramic Society of Japan, 1999, 107, 814-819.	1.3	16
68	In Situ Processing of Nano Crystalline Oxide Particles/Polymer Hybrid. Journal of Sol-Gel Science and Technology, 2003, 26, 35-41.	2.4	16
69	Inâ€Situ Formation of Ceâ€TZPâ€Mâ€Type Hexaferrite Composites. Journal of the American Ceramic Society, 1998, 81, 2965-2970.	3.8	15
70	Synthesis of proton conductive membranes based on inorganicâ€“organic hybrid structure bound with phosphonic acid. Electrochimica Acta, 2009, 55, 298-304.	5.2	15
71	One-pot synthesis of proton-conductive inorganicâ€“organic hybrid membranes from organoalkoxysilane and phosphonic acid derivatives. Journal of Membrane Science, 2016, 502, 133-140.	8.2	15
72	Dispersibility of BaTiO3 Aqueous Slurries with Poly Ammonium Acrylate Based Dispersant. Journal of the Ceramic Society of Japan, 2003, 111, 811-814.	1.3	14

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73	Fabrication and properties of Er-substituted BaNb2O6 thin films through a chemical route. Journal of Alloys and Compounds, 2006, 408-412, 538-542.	5.5	14
74	Optical properties of transparent barium titanate nanoparticle/polymer hybrid synthesized from metal alkoxides. Journal of Nanoparticle Research, 2010, 12, 1933-1943.	1.9	14
75	Spin-glass behavior of nanocrystalline multiferroic bismuth ferrite lead titanate. Journal of Materials Chemistry, 2011, 21, 781-788.	6.7	14
76	Synthesis and properties of multiferroic 0.7BiFeO3â^'0.3BaTiO3 thin films by Mn doping. Ceramics International, 2013, 39, S451-S455.	4.8	14
77	Precisely controlled supramolecular ionic conduction paths and their structureâ€“conductivity relationships for lithium ion transport. CrystEngComm, 2014, 16, 10512-10518.	2.6	14
78	Effect of Phosphorus Sources on Synthesis of KTiOPO4 Thin Films by Solâ^'Gel Method. Chemistry of Materials, 1997, 9, 2174-2178.	6.7	13
79	Growth of highly oriented LiNbO3 thin films through structure controlled metal alkoxide precursor solution. Journal of Crystal Growth, 2002, 237-239, 2091-2097.	1.5	13
80	Excimer UV Processing of (Bi,Nd)4Ti3O12Ferroelectric Thin Films by Chemical Solution Deposition Method. Japanese Journal of Applied Physics, 2003, 42, 5981-5985.	1.5	13
81	Fabrication and properties of perovskite Pb(Yb,Nb)O3â€“PbTiO3 thin films through a solâ€“gel process. Journal of Alloys and Compounds, 2006, 408-412, 543-546.	5.5	13
82	Fabrication and Properties of BiFeO₃-KNbO₃Ceramics. Ferroelectrics, 2007, 356, 180-184.	0.6	13
83	In situ synthesis of transparent TiO2 nanoparticle/polymer hybrid. Journal of Materials Science, 2013, 48, 7503-7509.	3.7	13
84	Synthesis of BiFeO₃â€“Bi_{0.5}Na_{0.5}TiO₃Thin Films by Chemical Solution Deposition and Their Properties. Japanese Journal of Applied Physics, 2011, 50, 09NB04.	1.5	13
85	Electrical Properties of Lead-Free Ferroelectric Mn-Doped K_{0.5}Na_{0.5}NbO₃â€“CaZrO₃Thin Films Prepared by Chemical Solution Deposition. Japanese Journal of Applied Physics, 2012, 51, 09LA03.	1.5	13
86	Processing and characterization of Pb(Mg, Nb)O3-PbTiO3 thin films from metal alkoxide-derived gels. Journal of Sol-Gel Science and Technology, 1994, 2, 329-334.	2.4	12
87	Processing of Novel Strontium Titanateâ€Based Thinâ€Film Varistors by Chemical Solution Deposition. Journal of the American Ceramic Society, 2003, 86, 99-104.	3.8	12
88	Preparation and Properties of Bi4 ? xNdxTi3O12 Thin Films by Chemical Solution Deposition. Journal of Electroceramics, 2004, 13, 339-343.	2.0	12
89	Chemical solution processing and characterization of Ba(Zr,Ti)O3/LaNiO3 layered thin films. Journal of Sol-Gel Science and Technology, 2007, 42, 213-220.	2.4	12
90	Synthesis of proton conductive inorganicâ€“organic hybrid membranes through copolymerization of dimethylethoxyvinylsilane with vinylphosphonic acid. Journal of Sol-Gel Science and Technology, 2008, 46, 107-115.	2.4	12

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91	Synthesis of BiFeO$_{3}$â€“Bi$_{0.5}$Na$_{0.5}$TiO$_{3}$ Thin Films by Chemical Solution Deposition and Their Properties. Japanese Journal of Applied Physics, 2011, 50, 09NB04.	1.5	12
92	Non-Centrosymmetric Coordination Polymer with a Highly Hindered Octahedral Copper Center Bridged by Mandelate. Inorganic Chemistry, 2012, 51, 4689-4693.	4.0	12
93	Photoinduced electrical properties of Mn-doped BiFeO₃thin films prepared by chemical solution deposition. Japanese Journal of Applied Physics, 2014, 53, 09PA17.	1.5	12
94	Proton-conductive inorganicâ€“organic hybrid membranes synthesized from a trimethoxysilylmethylstyreneâ€“fluorophenylvinyl acid copolymer. Journal of Membrane Science, 2015, 488, 166-172.	8.2	12
95	Photocurrent enhancement of chemically synthesized Ag nanoparticle-embedded BiFeO3thin films. Japanese Journal of Applied Physics, 2016, 55, 10TA14.	1.5	12
96	Preparation and Properties ofK(Sr0.75Ba0.25)2Nb5O15Thin Films by Chemical Solution Deposition Method. Japanese Journal of Applied Physics, 1997, 36, 5930-5934.	1.5	11
97	Processing and properties of ferroelectric (Bi, La)4(Ti, Ge)3O12 thin films by chemical solution deposition. Journal of the European Ceramic Society, 2005, 25, 2305-2308.	5.7	11
98	Synthesis and Properties of Intergrown Bi4Ti3O12-SrBi4Ti4O15Ferroelectric Thin Films by Chemical Solution Deposition. Japanese Journal of Applied Physics, 2005, 44, 6952-6956.	1.5	11
99	Size-Controlled Submicrometer Hollow Spheres Constituted of ZnO Nanoplates from Layered Zinc Hydroxide. Inorganic Chemistry, 2009, 48, 8544-8549.	4.0	11
100	Formation of TiO2Nanostructures by Enzyme-Mediated Self-Assembly for the Destruction of Macrophages. Chemistry of Materials, 2011, 23, 3341-3347.	6.7	11
101	In situ synthesis of cobalt ferrite nanoparticle/polymer hybrid from a mixed Feâ€“Co methacrylate for magnetic hyperthermia. Journal of Magnetism and Magnetic Materials, 2012, 324, 3158-3164.	2.3	11
102	Cellulose-based molecularly imprinted red-blood-cell-like microparticles for the selective capture of cortisol. Carbohydrate Polymers, 2018, 193, 173-178.	10.2	11
103	Processing and ultraviolet patterning of LiNbO3 epitaxial films from metallorganic precursors. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1996, 41, 117-122.	3.5	10
104	In Situ Processing of Y-TZP/M-Type Hexaferrite Composite.. Journal of the Ceramic Society of Japan, 1999, 107, 796-800.	1.3	10
105	Chemical solution processing and properties of Sr2FeMoO6 thin films. Journal of Magnetism and Magnetic Materials, 2005, 295, 230-234.	2.3	10
106	Preparation and Properties of Bi0.5Na0.5TiO3Thin Films by Chemical Solution Deposition. Ferroelectrics, 2010, 405, 204-210.	0.6	10
107	Transparent and self-standing manganese zinc ferrite nanoparticle/cellulose hybrid films. Materials Letters, 2014, 137, 491-494.	2.6	10
108	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. Solid State Ionics, 2016, 285, 29-32.	2.7	10

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109	Synthesis of (Bi,Nd)4(Ti,Ge)3O12Thin Films by Chemical Solution Deposition. Japanese Journal of Applied Physics, 2003, 42, L1384-L1386.	1.5	9
110	Co²⁺â€Substitution Effect in Ceâ€TZP/La Mâ€type Hexaferrite Composites. Journal of the American Ceramic Society, 2000, 83, 281-286.	3.8	9
111	Synthesis of Fe-doped ZnO Particle/polymer Hybrid from Metalorganics. Journal of Materials Research, 2005, 20, 1470-1475.	2.6	9
112	Impedance Spectroscopy Structural Analysis: Ca-Dopant Segregation in (Pb0.75Ba0.25)(Zr0.70Ti0.30)O3. Japanese Journal of Applied Physics, 2008, 47, 2176-2181.	1.5	9
113	Synthesis and properties of perovskite BiFeO3-K0.5Na0.5NbO3 ceramics by solid-state reaction. Journal of the Ceramic Society of Japan, 2010, 118, 701-705.	1.1	9
114	Ferroelectric properties of alkoxy-derived transparent BaTiO3 nanoparticle/polymer hybrid. Materials Letters, 2012, 89, 40-42.	2.6	9
115	Synthesis and characterization of multiferroic Pb(Zr,Ti)O₃/CoFe₂O₄/Pb(Zr,Ti)O₃ layered composite thin films by chemical solution deposition. Journal of the Ceramic Society of Japan, 2013, 121, 614-618.	1.1	9
116	Crystal Structure and Solid-state Ionic Conductivity of Cyclic Sulfonylamide Salts with Cyano-substituted Quaternary Ammonium Cations. Chemistry Letters, 2014, 43, 108-110.	1.3	9
117	Synthesis of Highly Oriented Tungsten Bronze K(Pb0.6Ba0.4)2Nb5O15Thin Films by the Chemical Solution Deposition Method. Japanese Journal of Applied Physics, 1998, 37, 5215-5219.	1.5	8
118	Fabrication and Properties of Ge-Doped (Bi,Nd)4Ti3O12Thin Films by Chemical Solution Deposition. Japanese Journal of Applied Physics, 2004, 43, 6599-6603.	1.5	8
119	Synthesis of Ba₂NaNb₅O₁₅ Powders and Thin Films Using Metal Alkoxides. Journal of the American Ceramic Society, 1997, 80, 1767-1772.	3.8	8
120	Synthesis and properties of ferroelectric Si-doped (Bi, Nd)4Ti3O12 thin films by chemical solution deposition. Journal of Electroceramics, 2006, 17, 293-297.	2.0	8
121	Growth and properties of highly oriented lead-free Mn-doped NaNbO3â€“BaTiO3 piezoelectric thin films prepared by chemical solution deposition. Journal of Crystal Growth, 2011, 318, 879-883.	1.5	8
122	Vibrational Energy Harvesting Using a Unimorph with PZT- or BT-Based Ceramics. Ferroelectrics, 2013, 446, 67-77.	0.6	8
123	In situ synthesis of manganese zinc ferrite nanoparticle/polymer hybrid nanocomposite from metal organics. Journal of Materials Science, 2014, 49, 5093-5099.	3.7	8
124	Enhancement of photoinduced electrical properties of Al-doped ZnO/BiFeO₃layered thin films prepared by chemical solution deposition. Japanese Journal of Applied Physics, 2015, 54, 10NA05.	1.5	8
125	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
126	UV Processing of Oriented KTa0.50Nb0.50O3 Thin Films.. Journal of the Ceramic Society of Japan, 1999, 107, 1032-1036.	1.3	7

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127	Synthesis of Al3+-Substituted La M-Type Hexaferrite for In Situ Ceramic Composite Processing.. Journal of the Ceramic Society of Japan, 1999, 107, 215-221.	1.3	7
128	Synthesis and Magneto-mechanical Properties of Ce-TZP/La M-Type Hexaferrite Composite. Journal of the American Ceramic Society, 2002, 85, 2212-2216.	3.8	7
129	Synthesis of ZnO particleâ€“polymer hybrid from zincâ€“organics. Journal of Materials Research, 2004, 19, 651-656.	2.6	7
130	Synthesis of Oriented Ba₂NaNb₅O₁₅ (BNN) Thin Films from an Alkoxyâ€derived Precursor. Journal of the American Ceramic Society, 1999, 82, 2672-2676.	3.8	7
131	Alkoxyâ€Derived KTiOPO₄ (KTP) Fibers. Journal of the American Ceramic Society, 1997, 80, 2437-2440.	3.8	7
132	Synthesis of nickel zinc ferrite nanoparticle/organic hybrid from metalorganics. Journal of Materials Research, 2007, 22, 1967-1974.	2.6	7
133	Electrical Properties of Lead-Free Ferroelectric Mn-Doped K_{0.5}Na_{0.5}NbO₃â€“CaZrO₃ Thin Films Prepared by Chemical Solution Deposition. Japanese Journal of Applied Physics, 2012, 51, 09LA03.	1.5	7
134	One-pot synthesis of inorganic/organic hybrid membranes from organoalkoxysilane, hydroimidazole derivative, and cyclic sulfonic acid ester. Journal of Materials Science, 2016, 51, 3398-3407.	3.7	7
135	Organicâ€“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
136	Synthesis and Processing of Barium Hexaaluminogallates. Journal of the American Ceramic Society, 2001, 84, 1433-1438.	3.8	6
137	Effects of Bi2O3 seeding layer on crystallinity and electrical properties of CSD-derived Bi4â^'xLaxTi3O12 ferroelectric thin films. Journal of the European Ceramic Society, 2004, 24, 1621-1624.	5.7	6
138	In situ synthesis of lithium ferrite nanoparticle/polymer hybrid. Journal of Materials Research, 2007, 22, 974-981.	2.6	6
139	Fabrication and characterization of intergrown Bi4Ti3O12-based thin films using a metal-organic precursor solution. Journal of the European Ceramic Society, 2007, 27, 3765-3768.	5.7	6
140	Synthesis and field-responsive properties of SrTiO3 nanoparticle/polymer hybrid. Journal of Materials Research, 2009, 24, 2221-2228.	2.6	6
141	Nanomagnetism in nanocrystalline multiferroic bismuth ferrite lead titanate films. Journal of Nanoparticle Research, 2011, 13, 5603-5613.	1.9	6
142	Organicâ€“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
143	Effect of Slurry Characters of Titanium Nitride on Forming and Sintering Behaviors.. Journal of the Ceramic Society of Japan, 1999, 107, 968-972.	1.3	5
144	Novel electro-rheological nanocrystalline dielectric particles modified with or embedded in organics. Journal of the European Ceramic Society, 2004, 24, 1911-1917.	5.7	5

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145	In Situ Synthesis of Field-responsive Nanocrystalline BaTiO3 Particles Modified with Functional Organics. Journal of Nanoparticle Research, 2005, 7, 633-640.	1.9	5
146	Properties of highly oriented K(Sr,Ba)2Nb5O15 thin films derived from a metal-alkoxide precursor solution. Materials Chemistry and Physics, 2009, 113, 558-561.	4.0	5
147	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
148	Synthesis of patterned and transparent TiO2 nanoparticle/polymer hybrid films. Materials Letters, 2013, 107, 235-238.	2.6	5
149	Fabrication of lead-free piezoelectric Li2CO3-added (Ba,Ca)(Ti,Sn)O3ceramics under controlled low oxygen partial pressure and their properties. Japanese Journal of Applied Physics, 2018, 57, 021501.	1.5	5
150	Dielectric and Pyroelectric Properties of Alkoxy-Derived KTa0.35Nb0.65O3Thin Film. Japanese Journal of Applied Physics, 1999, 38, 5953-5957.	1.5	4
151	Ultraviolet patterning of KTiOPO4 thin films through metallo-organics. Journal of Materials Research, 1999, 14, 222-227.	2.6	4
152	Properties of Highly Oriented Rare-Earth-Ion-Substituted BaNb2O6Thin Films Synthesized by Chemical Solution Deposition. Japanese Journal of Applied Physics, 2003, 42, 5913-5917.	1.5	4
153	Preparation and Properties of V-Doped (Bi,Nd)4Ti3O12 Ferroelectric Thin Films by Chemical Solution Deposition Method. Integrated Ferroelectrics, 2004, 62, 233-241.	0.7	4
154	In-Situ Processing of Laminated Ceramic Composite for Electrochemical NOx Reduction System. Journal of the Ceramic Society of Japan, 2004, 112, 82-87.	1.3	4
155	In situ synthesis of nano-sized cobalt ferrite particle/organic hybrid. Journal of Materials Research, 2006, 21, 1336-1341.	2.6	4
156	Synthesis and properties of BiScO3-PbTiO3 powders and thin films using metal-organic precursor solutions. Journal of the Ceramic Society of Japan, 2010, 118, 631-635.	1.1	4
157	Thermal and vibrational energy harvesting using PZT- and BT-based ceramics. , 2012, , .		4
158	Synthesis of Er-doped ZnO nanoparticle/organic hybrid from metal-organics. Journal of Materials Science, 2012, 47, 5128-5133.	3.7	4
159	Improvement of the Ferroelectric Properties of Chemically Synthesized Bi1/2Na1/2TiO3Thin Films via Mn Doping. Ferroelectrics, 2015, 479, 56-63.	0.6	4
160	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
161	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
162	Fabrication and properties of reduction-resistant lead-free NaNbO₃â€“BaTiO₃ piezoelectric ceramics. Japanese Journal of Applied Physics, 2021, 60, SFFC03.	1.5	4

#	Article	IF	Citations
163	Title is missing!. Journal of Sol-Gel Science and Technology, 1999, 16, 65-75.	2.4	3
164	Chemical Solution Processing and Characterization of Highly Oriented (Ba,Ln)Nb2O6[Ln: La, Gd, Dy] Thin Films. Japanese Journal of Applied Physics, 2002, 41, 6647-6652.	1.5	3
165	Effects of Transitionâ€Metal Substitution on the Catalytic Properties of Barium Hexaaluminogallate. Journal of the American Ceramic Society, 2002, 85, 909-914.	3.8	3
166	In situ Synthesis of Nickel Ferrite Nanoparticle/organic Hybrid. Journal of Materials Research, 2005, 20, 1590-1596.	2.6	3
167	In SituSynthesis of Nanosized ZnO Particle/Organic Hybrids. Japanese Journal of Applied Physics, 2006, 45, 6033-6038.	1.5	3
168	Synthesis of SrTiO₃ nanoparticle/polymer composite film using direct current field. Journal of Materials Research, 2008, 23, 127-132.	2.6	3
169	Synthesis and optical properties of ZrO2 with incorporated Ti nanoparticle/polymer hybrid. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	3
170	Photocurrent Properties of BiFeO3Thin Films Prepared by Chemical Solution Deposition. Ferroelectrics, 2013, 453, 20-25.	0.6	3
171	Preparation and characterization of K(Sr0.5Ba0.5)2Nb5O15 thin films by sol-gel method. Integrated Ferroelectrics, 1998, 20, 117-128.	0.7	2
172	Chemical Solution Processing and Characterization of La Doped Tungsten Bronze K0.4(Pb0.6Ba0.4)0.8Nb2O6Thin Films. Japanese Journal of Applied Physics, 1999, 38, 5442-5447.	1.5	2
173	Chemical solution processing of sr2(nb,ta)2o7 thin films. Integrated Ferroelectrics, 2001, 36, 275-284.	0.7	2
174	Chemical Processing and Properties of (Sr,Ca) 2 (Nb,Ta) 2 O 7 Thin Films. Integrated Ferroelectrics, 2002, 45, 49-57.	0.7	2
175	Field-assisted synthesis of BaTiO3 particle/polyvinylbutyral composite film. Journal of Materials Research, 2006, 21, 1843-1848.	2.6	2
176	Fabrication of Ferrimagnetic Ferrite Nanocrystal Clusters by a Double-Step Templated Reaction Using in Situ Polymerization of Phenylalanine. Crystal Growth and Design, 2010, 10, 2350-2354.	3.0	2
177	Synthesis of field-responsive PbTiO3 particle/polymer hybrids from metal-organics. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 408, 57-63.	4.7	2
178	Synthesis and 3D hierarchical organization of 2D structured iron oxide based on enzymatic structure, activity and thermostability. Materials Research Bulletin, 2012, 47, 3959-3964.	5.2	2
179	Properties of flexible, transparent barium titanate nanoparticle/poly(2-hydroxyethyl methacrylate) hybrid. Journal of Materials Science, 2013, 48, 282-287.	3.7	2
180	Metallic glass separators for fuel cells at intermediate temperatures. Materials Letters, 2017, 206, 87-90.	2.6	2

#	Article	IF	Citations
181	Effects of Li2CO3 addition on the microstructural and electrical properties of lead-free piezoelectric (Ba,Ca)(Ti,Zr)O3 ceramics sintered in air or a reducing atmosphere. Japanese Journal of Applied Physics, 2019, 58, SLLC04.	1.5	2
182	Fabrication and Characterization of Lead-Free Grain-Oriented Reduction-Resistant ï¼ˆBa,Caï¼‰TiO₃ Piezoelectric Ceramics. Journal of the Society of Powder Technology, Japan, 2016, 53, 824-831.	0.1	2
183	Synthesis of Sr2KNb5O15 Thin Films by Chemical Solution Deposition Method. Journal of Materials Research, 1999, 14, 1495-1502.	2.6	1
184	Chemical solution processing and properties of tungsten bronze (ba,la)nb2o6thin films. Integrated Ferroelectrics, 2001, 36, 191-200.	0.7	1
185	DeNOx Properties of Barium Hexaaluminogallates.. Journal of the Ceramic Society of Japan, 2002, 110, 1-5.	1.3	1
186	Fabrication of Ferroelectric Self-assembled Fluorinated Polyether Monolayer on Hydrogen-terminated Si(111) Surface. Chemistry Letters, 2005, 34, 600-601.	1.3	1
187	Electrosprayed Synthesis of Red-Blood-Cell-Like Particles with Dual Modality for Magnetic Resonance and Fluorescence Imaging. Small, 2010, 6, n/a-n/a.	10.0	1
188	Synthesis and Properties of Mn-Doped (Bi_{0.5}Na_{0.5})TiO₃ Thin Films by Chemical Solution Deposition. Key Engineering Materials, 0, 582, 59-62.	0.4	1
189	Electrocaloric properties of PZT- and BaTiO<inf>3</inf>- based ceramics and LiNbO<inf>3</inf> crystals. , 2015, , .		1
190	Preparation and Properties of BiFeO3-PbTiO3 Thin Films by Chemical Solution Deposition. Transactions of the Materials Research Society of Japan, 2007, 32, 43-46.	0.2	1
191	Synthesis and Catalytic Properties of the Electrochemical NOxReduction System. Catalysis Letters, 2005, 103, 271-275.	2.6	0
192	Preparation and Characterization of Perovskite BiFeO<inf>3</inf>-BaTiO<inf>3</inf> Ceramics. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
193	Ferroelectric Properties of Chemically Synthesized Perovskite BiFeO<inf>3</inf>-PbTiO<inf>3</inf> Thin Films. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
194	Chemical Solution Processing and Properties of (Bi<inf>1/2</inf>Na<inf>1/2</inf>)TiO<inf>3</inf> Thin Films. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
195	Synthesis of transparent BaTiO3 nanoparticle/polymer composite film using DC field. Journal of Nanoparticle Research, 2008, 10, 1203-1208.	1.9	0
196	Effect of PAA-NH₄ Dispersant on Dispersibility of Aqueous Pb(Zr, Ti)O₃ Slurries and Piezoelectric Properties of Resultant Sintered Bodies. Key Engineering Materials, 2009, 421-422, 103-106.	0.4	0
197	In situ synthesis of transparent Eu-doped ZnO particle/organic hybrid. Journal of the Ceramic Society of Japan, 2011, 119, 872-875.	1.1	0
198	Ferroelectric Properties Improvement of Mn-Doped 0.7BiFeO₃-0.3BaTiO₃ Thin Films Fabricated by Chemical Solution Deposition. Key Engineering Materials, 0, 566, 159-162.	0.4	0

#	Article	IF	Citations
199	Development of Reduction-Resistant Grain-Oriented BaTiO₃-Based Piezoelectric Ceramics. Hosokawa Powder Technology Foundation ANNUAL REPORT, 2017, 25, 54-61.	0.0	0
200	Electrical Properties of Ce0.8Gd0.2O1.9 Ceramics Prepared by an Aqueous Process. Ceramic Engineering and Science Proceedings, 0, , 95-103.	0.1	0
201	Effect of Li₂CO₃ as a Grain Growth Promoting Agent on Properties Improvement of Reduction-resistant BaTiO₃-based Lead-free Piezoelectric Ceramics. Journal of the Society of Powder Technology, Japan, 2020, 57, 88-96.	0.1	0
202	Fabrication of Reduction-resistant BaTiO₃-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