Satoshi Wada

List of Publications by Year
in descending order

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313 papers	7,088 citations	61984 43 h-index	76900 74 g-index
321 all docs	321 docs citations	321 times ranked	4847 citing authors

#	Article	IF	Citations
1	Mnâ€“Nb co-doping in barium titanate ceramics by different solid-state reaction routes for temperature stable and DC-bias free dielectrics. Ceramics International, 2022, 48, 2154-2160.	4.8	8
2	Chewing-induced Increase of Brain Blood Flow in Mandibular Prognathism Was Less Compared to Normal Occlusion. The Japanese Journal of Jaw Deformities, 2021, 31, 172-180.	0.1	0
3	Preparation and investigation of hexagonal-tetragonal BaTiO₃ powders. Journal of the Ceramic Society of Japan, 2021, 129, 91-96.	1.1	7
4	Variation of leakage current conduction mechanism by heat treatment in Bi-based lead-free piezoelectric ceramics. Journal of Applied Physics, 2021, 129, .	2.5	5
5	Phase evolution and ‹110›â€orientation mechanism in RTGGâ€processed BaTiO 3 ceramics with electrical properties. Journal of the American Ceramic Society, 2021, 104, 4649-4658.	3.8	3
6	Bragg coherent diffraction imaging allowing simultaneous retrieval of three-dimensional shape and strain distribution for 40â€“500Ânm particles. Japanese Journal of Applied Physics, 2021, 60, SFFA07.	1.5	7
7	Material softening by cation off-centering in Bi-based lead-free piezoelectric ceramics. Japanese Journal of Applied Physics, 2021, 60, SFFD01.	1.5	7
8	Fabrication of (Bi0.5K0.5)TiO3 modified BaTiO3-Bi(Mg0.5Ti0.5)O3-BiFeO3 piezoelectric ceramics. Journal of the European Ceramic Society, 2021, 41, 4108-4115.	5.7	7
9	A-site cation off-centering contribution on ferroelectricity and piezoelectricity in pseudo-cubic perovskite structure of Bi-based lead-free piezoelectrics. Scripta Materialia, 2021, 205, 114176.	5.2	12
10	Piezoelectricity in perovskite-type pseudo-cubic ferroelectrics by partial ordering of off-centered cations. Communications Materials, 2020, 1, .	6.9	33
11	Bach1 Inhibition Suppresses Osteoclastogenesis via Reduction of the Signaling via Reactive Oxygen Species by Reinforced Antioxidation. Frontiers in Cell and Developmental Biology, 2020, 8, 740.	3.7	14
12	Structural investigation of ferroelectric BiFeO3â€“BaTiO3 solid solutions near the rhombohedralâ€“pseudocubic phase boundary. Applied Physics Letters, 2020, 116, .	3.3	5
13	Thermal annealing induced recovery of damaged surface layer for enhanced ferroelectricity in Bi-based ceramics. Japanese Journal of Applied Physics, 2019, 58, SLLD04.	1.5	10
14	Influence of grain size effect and Ba/Ti ratios on dielectric, ferroelectric, and piezoelectric properties of BaTiO‹sub›3‹/sub›ceramics. Japanese Journal of Applied Physics, 2019, 58, SLLC05.	1.5	21
15	Effects of AC- and DC-bias field poling on piezoelectric properties of Bi-based ceramics. Journal of the Ceramic Society of Japan, 2019, 127, 353-356.	1.1	9
16	Development of an apparatus for Bragg coherent X-ray diffraction imaging, and its application to the three dimensional imaging of BaTiO‹sub›3‹/sub›nano-crystals. Japanese Journal of Applied Physics, 2019, 58, SLLA05.	1.5	9
17	Short- and middle-range order structures of KNbO3 nanocrystals. Japanese Journal of Applied Physics, 2019, 58, SLLA03.	1.5	4
18	Effect of A-site off-stoichiometry on ferroelectric and piezoelectric properties of BaTiO₃â€“Bi(Mg_{1/2}Ti_{1/2})O₃â€“BiFeO< ceramics. Journal of the Ceramic Society of Japan, 2019, 127, 369-373.	1.1	6

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19	Optimization of preparation conditions of highly textured piezoelectric (Bi_{0.5}K_{0.5})TiO₃ ceramics. Journal of the Ceramic Society of Japan, 2019, 127, 362-368.	1.1	5
20	Compression and tension variably alter Osteoprotegerin expression via miR-3198 in periodontal ligament cells. BMC Molecular and Cell Biology, 2019, 20, 6.	2.0	16
21	Nrf2 activation in osteoblasts suppresses osteoclastogenesis via inhibiting IL-6 expression.. Bone Reports, 2019, 11, 100228.	0.4	23
22	Mandibular prognathism attenuates brain blood flow induced by chewing. Scientific Reports, 2019, 9, 19104.	3.3	3
23	Dimethyl fumarate inhibits osteoclasts via attenuation of reactive oxygen species signalling by augmented antioxidation. Journal of Cellular and Molecular Medicine, 2018, 22, 1138-1147.	3.6	50
24	Annexin A5 Involvement in Bone Overgrowth at the Enthesis. Journal of Bone and Mineral Research, 2018, 33, 1532-1543.	2.8	7
25	Fabrication and piezoelectric properties of BaTiO 3 /BaTiO 3 -Bi(Mg 1/2 Ti 1/2)O 3 -BiFeO 3 composites. Ceramics International, 2018, 44, 10657-10662.	4.8	5
26	Fabrication of lead-free piezoelectric (Bi0.5Na0.5)TiO3â€“BaTiO3 ceramics using electrophoretic deposition. Journal of Materials Science, 2018, 53, 2396-2404.	3.7	14
27	Dielectric properties of BT-BT and BF-BT composites. Ferroelectrics, 2018, 533, 145-150.	0.6	2
28	Single Local Injection of Epigallocatechin Gallate-Modified Gelatin Attenuates Bone Resorption and Orthodontic Tooth Movement in Mice. Polymers, 2018, 10, 1384.	4.5	18
29	Grain-size dependence of piezoelectric properties in thermally annealed BaTiO₃ ceramics. Journal of the Ceramic Society of Japan, 2018, 126, 536-541.	1.1	15
30	Effect of powder size in BiFeO₃-based piezoelectric ceramics fabricated by spark plasma sintering. Journal of the Ceramic Society of Japan, 2018, 126, 311-315.	1.1	5
31	Effect of ball-milling time and surfactant content for fabrication of 0.85(Bi_{0.5}Na_{0.5})TiO₃:0.15BaTiO₃ green ceramics by electrophoretic deposition. Journal of the Ceramic Society of Japan, 2018, 126, 542-546.	1.1	4
32	Effect of thermal annealing on crystal structures and electrical properties in BaTiO3 ceramics. Journal of Applied Physics, 2018, 124, .	2.5	24
33	In-situ electric field induced lattice strain response observation in BiFeO₃â€“BaTiO₃ lead-free piezoelectric ceramics. Journal of the Ceramic Society of Japan, 2018, 126, 316-320.	1.1	19
34	Influence of quenching temperature on piezoelectric and ferroelectrics properties in BaTiO3-Bi(Mg1/2Ti1/2)O3-BiFeO3 ceramics. Ceramics International, 2018, 44, S199-S202.	4.8	31
35	Synthesis of LaNiO₃â€“(Bi_{1/2}K_{1/2})TiO₃ coreâ€“shell nanoparticles with epitaxial interfaces by the hydrothermal method for use in boundary layer capacitors. Journal of the Ceramic Society of Japan, 2018, 126, 306-310.	1.1	3
36	Novel device for application of continuous mechanical tensile strain to mammalian cells. Biology Open, 2017, 6, 518-524.	1.2	10

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37	Structural and electrical characteristics of potential candidate lead-free BiFeO3-BaTiO3 piezoelectric ceramics. Journal of Applied Physics, 2017, 122, .	2.5	95
38	Asporin stably expressed in the surface layer of mandibular condylar cartilage and augmented in the deeper layer with age. Bone Reports, 2017, 7, 41-50.	0.4	4
39	Dielectric Properties of BaTiO₃-KNbO₃ Composites. Ferroelectrics, 2017, 512, 8-13.	0.6	7
40	Fabrication of â©110âª grain-oriented 0.15BaTiO3â€“0.85(Bi0.5Na0.5)TiO3ceramics by a reactive templated grain growth method. Japanese Journal of Applied Physics, 2017, 56, 10PD06.	1.5	6
41	Revealing the role of heat treatment in enhancement of electrical properties of lead-free piezoelectric ceramics. Journal of Applied Physics, 2017, 122, .	2.5	45
42	RANKL induces Bach1 nuclear import and attenuates Nrf2â€mediated antioxidant enzymes, thereby augmenting intracellular reactive oxygen species signaling and osteoclastogenesis in mice. FASEB Journal, 2017, 31, 781-792.	0.5	52
43	Electric field induced lattice strain in pseudocubic Bi(Mg1/2Ti1/2)O3-modified BaTiO3-BiFeO3 piezoelectric ceramics. Applied Physics Letters, 2016, 108, .	3.3	40
44	A-Disintegrin and Metalloproteinase (ADAM) 17 Enzymatically Degrades Interferon-gamma. Scientific Reports, 2016, 6, 32259.	3.3	13
45	Structural Study of Ferroelectrics under Applied Electric Field. Nihon Kessho Gakkaishi, 2016, 58, 167-173.	0.0	0
46	Molecular regulatory mechanisms of osteoclastogenesis through cytoprotective enzymes. Redox Biology, 2016, 8, 186-191.	9.0	74
47	Microstructures of lanthanum nickel oxide particles with crystal facets synthesized in molten chlorides. Journal of the Ceramic Society of Japan, 2015, 123, 351-354.	1.1	5
48	Microwave synthesis of KNbO₃ nanocubes. Journal of the Ceramic Society of Japan, 2015, 123, 363-366.	1.1	2
49	Preparation of titanium metal/barium titanate composites with boundary layer structure by hydrothermal method and their dielectric properties. Japanese Journal of Applied Physics, 2015, 54, 10NB07.	1.5	2
50	Preparation of Potassium Niobate Nanocrystals by Wet Chemical Reaction at Low Temperature. Transactions of the Materials Research Society of Japan, 2015, 40, 235-238.	0.2	1
51	Fabrication of (111)-oriented Tetragonal BaTiO₃ Ceramics by an Electrophoretic Deposition in a High Magnetic Field. Transactions of the Materials Research Society of Japan, 2015, 40, 223-226.	0.2	8
52	Fabrication of Ferroelectric Ceramics with Multi-Layered Structure by Solvothermal Solidification Method for Introduction of Internal Electric Field. Transactions of the Materials Research Society of Japan, 2015, 40, 257-260.	0.2	0
53	Preparation of Porous KNbO₃ Ceramics by Solvothermal Solidification Method. Transactions of the Materials Research Society of Japan, 2015, 40, 305-308.	0.2	0
54	Preparation of DC-bias-free (Ba, Sr)TiO₃-Bi(Mg, Ti)O₃-NaNbO₃ Ceramics with Reduced Temperature Dependent Dielectric Properties. Transactions of the Materials Research Society of Japan, 2015, 40, 409-412.	0.2	0

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55	Large Electric-field-induced Strain in Pseudo-cubic BaTiO₃-Bi(Mg_{0.5}Ti_{0.5})O₃-BiFeO<sub&g Ceramics. Transactions of the Materials Research Society of Japan, 2015, 40, 295-299.		
56	Preparation and Size Control of Sodium Niobate Nanocube at Various Solvothermal Conditions. Transactions of the Materials Research Society of Japan, 2015, 40, 413-416.	0.2	1
57	Synthesis of Silver-Strontium Titanate Hybrid Nanoparticles by Sol-Gel-Hydrothermal Method. Nanomaterials, 2015, 5, 386-397.	4.1	25
58	Local structure analysis of KNbO3nanocubes by solvothermal synthesis. Japanese Journal of Applied Physics, 2015, 54, 10NC01.	1.5	7
59	Role of structure gradient region on dielectric properties in Ba(Zr,Ti)O3â€“KNbO3nanocomposite ceramics. Japanese Journal of Applied Physics, 2015, 54, 10NB04.	1.5	3
60	Enhanced extrinsic domain switching strain in coreâ€“shell structured BaTiO 3 â€“KNbO 3 ceramics. Acta Materialia, 2015, 98, 182-189.	7.9	22
61	H3K9MTase G9a is essential for the differentiation and growth of tenocytes in vitro. Histochemistry and Cell Biology, 2015, 144, 13-20.	1.7	14
62	Synthesis of titanium dioxide nanoparticles by solvothermal method with polymer gel. Transactions of the Materials Research Society of Japan, 2014, 39, 451-454.	0.2	3
63	Solvothermal Synthesis of Barium Titanate Nanocubes with Narrow Size Distributions. Transactions of the Materials Research Society of Japan, 2014, 39, 129-132.	0.2	0
64	Preparation of Mn-doped (Bi_{0.5}K_{0.5})TiO₃-Bi(Mg_{0.5}Ti_{0.5})O₃-BiFeO₃ Ceramics Using BiFeO₃ Particle Synthesized by Hydrothermal Method and Their Piezoelectric Properties. Transactions of the Materials Research Society of Japan, 2014, 39, 137-140.	0.2	2
65	Preparation and Characterization of KNbO₃ Nanocubes under Various Solvothermal Conditions. Transactions of the Materials Research Society of Japan, 2014, 39, 193-197.	0.2	0
66	Influence of Conductivity on Raman Scattering Intensity in Li-modified AgNbO₃Crystals. Ferroelectrics, 2014, 470, 212-220.	0.6	2
67	Microstructure and dielectric properties of silverâ€“barium titanate nanocomplex materials by wet chemical approach. Japanese Journal of Applied Physics, 2014, 53, 09PB05.	1.5	4
68	Enhanced piezoelectric properties of (Ba0.3Bi0.7)(Mg0.05Fe0.6Ti0.35)O3 piezoelectric ceramics with high Curie temperature. Journal of Advanced Dielectrics, 2014, 04, 1450005.	2.4	1
69	7Li NMR study of milling effects on instability of lithium-sites in lithium substituted silver niobate. Solid State Ionics, 2014, 262, 202-205.	2.7	0
70	Nano-sized cube-shaped single crystalline oxides and their potentials; composition, assembly and functions. Advanced Powder Technology, 2014, 25, 1401-1414.	4.1	39
71	Efficient expansion of mouse primary tenocytes using a novel collagen gel culture method. Histochemistry and Cell Biology, 2014, 142, 205-215.	1.7	12
72	Fabrication of [100]-oriented bismuth sodium titanate ceramics with small grain size and high density for piezoelectric materials. Journal of the European Ceramic Society, 2014, 34, 1169-1180.	5.7	38

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73	Local structure analysis of BaTiO3â€“KNbO3solid solution. Japanese Journal of Applied Physics, 2014, 53, 09PD01.	1.5	4
74	Low-temperature fabrication of titanium metal/barium titanate composite capacitors via hydrothermal method and their dielectric properties. Journal of the Ceramic Society of Japan, 2014, 122, 447-451.	1.1	10
75	Solvothermal synthesis of KNbO₃ nanocubes using various organic solvents. Journal of the Ceramic Society of Japan, 2014, 122, 547-551.	1.1	15
76	Fabrication of BaTiO₃/BiFeO₃ Nano-complex Ceramics by Hydrothermal Method. Transactions of the Materials Research Society of Japan, 2014, 39, 105-108.	0.2	1
77	Low-Temperature Fabrication of Titanium Metal/Barium Titanate Composite Capacitors Containing Core-Shell Particles and Their Dielectric Properties. Transactions of the Materials Research Society of Japan, 2014, 39, 181-184.	0.2	4
78	Dielectric and Piezoelectric Properties of Barium Titanate â€“ Potassium Niobate Nano-structured Ceramics with Artificial MPB Structure. Transactions of the Materials Research Society of Japan, 2014, 39, 113-115.	0.2	0
79	Fabrication of Textured Ceramics Using Mn and Nb-doped Hexagonal BaTiO₃ by an Electrophoretic Deposition in a High Magnetic Field. Transactions of the Materials Research Society of Japan, 2014, 39, 199-202.	0.2	1
80	Solvothermal Synthesis of Potassium Niobate/Barium Titanate Nanocomplex Ceramics with Three-Dimensionally Connected Structure-Gradient Region. Transactions of the Materials Research Society of Japan, 2014, 39, 173-176.	0.2	0
81	Bonding Preference of Carbon, Nitrogen, and Oxygen in Niobium-Based Rock-Salt Structures. Inorganic Chemistry, 2013, 52, 9699-9701.	4.0	13
82	Piezoelectric enhancement of new ceramics with artificial MPB engineering. Sensors and Actuators A: Physical, 2013, 200, 26-30.	4.1	2
83	A new approach for the preparation of SrTiO3 nanocubes. Ceramics International, 2013, 39, 3231-3234.	4.8	41
84	Preparation and Characterization of Highly-Dispersed and Highly-Crystalline Barium Titanate Nanoparticles. Key Engineering Materials, 2013, 566, 273-276.	0.4	0
85	Preparation of Barium Titanate Grain-Oriented Ceramics by Electrophoresis Deposition Method under High Magnetic Field Using Single-Domain Nanoparticles. Key Engineering Materials, 2013, 582, 27-31.	0.4	2
86	Low-temperature synthesis of SrZrO3 nanocubes by the composite-hydroxide-mediated approach. Journal of Crystal Growth, 2013, 376, 35-40.	1.5	19
87	Enhancement in the piezoelectric properties of BaTiO3â€“Bi(Mg1/2Ti1/2)O3â€“BiFeO3 system ceramics by nanodomain. Ceramics International, 2013, 39, S695-S699.	4.8	27
88	Enhanced piezoelectric properties of barium titanateâ€“potassium niobate nano-structured ceramics by MPB engineering. Ceramics International, 2013, 39, S97-S102.	4.8	4
89	BaTiO₃ nanocube and assembly to ferroelectric supracrystals. Journal of Materials Research, 2013, 28, 2932-2945.	2.6	31
90	Preparation of Potassium Niobate/Barium Titanate Nanocomposite Ceramics with a Wide Barium Titanate Particle Size Distribution and their Dielectric Properties. Key Engineering Materials, 2013, 582, 76-79.	0.4	0

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91	Fabrication and Characterization of Perovskite Nanocube Ordering Structures via Capillary-Force-Assisted Self-Assembly Process. Key Engineering Materials, 2013, 566, 285-288.	0.4	1
92	Preparation of Barium Titanate/Strontium Titanate Accumulation Ceramics with Necking Structure of Strontium Titanate Nanocubes. Key Engineering Materials, 2013, 582, 67-70.	0.4	0
93	Microstructure and Piezoelectric Properties of BaTiO₃-Bi(Mg_{1/2}Ti_{1/2})O₃-BiFeO₃ Ceramics. Key Engineering Materials, 2013, 566, 59-63.	0.4	2
94	Alendronate promotes bone formation by inhibiting protein prenylation in osteoblasts in rat tooth replantation model. Journal of Endocrinology, 2013, 219, 145-158.	2.6	37
95	Effect of Hydrothermal Treatment on the Piezoelectric Response of Oriented Barium Titanate Ceramics. Key Engineering Materials, 2013, 566, 45-49.	0.4	0
96	Preparation of Potassium Niobate-Coated Barium Titanate Accumulation Ceramics by Solvothermal Synthesis and Enhancement of Piezoelectric Property. Key Engineering Materials, 2013, 566, 76-80.	0.4	2
97	Electronic Polarization in KNbO₃Visualized by Synchrotron Radiation Powder Diffraction. Japanese Journal of Applied Physics, 2013, 52, 09KF04.	1.5	9
98	Structural study of heat-treated BaTiO₃â€“KNbO₃ nanocomposites with heteroepitaxial interface by synchrotron radiation powder diffraction. Journal of the Ceramic Society of Japan, 2013, 121, 602-605.	1.1	3
99	Preparation of barium titanate porous ceramics and their sensor properties. Journal of the Ceramic Society of Japan, 2013, 121, 698-701.	1.1	10
100	Preparation and dielectric property of (Li_{0.12}Na_{0.88})NbO₃-based solid solutions. Journal of the Ceramic Society of Japan, 2013, 121, 544-549.	1.1	0
101	Effect of sintering condition and V-doping on the piezoelectric properties of BaTiO₃â€“Bi(Mg_{1/2}Ti_{1/2})O₃â€“BiFeO< ceramics. Journal of the Ceramic Society of Japan, 2013, 121, 589-592.	1.1	
102	Preparation of KNbO₃ nanocubes using a solvothermal method at low temperature. Journal of the Ceramic Society of Japan, 2013, 121, 693-697.	1.1	13
103	Chemical composition dependence of ferroelectric properties for BaTiO₃â€“Bi(Mg_{1/2}Ti_{1/2})O₃â€“BiFeO< lead-free piezoelectric ceramics. Journal of the Ceramic Society of Japan, 2013, 121, 855-858.	1.1	
104	Synthesis of BaZrO₃ nanocrystals by wet chemical reaction. Transactions of the Materials Research Society of Japan, 2013, 38, 45-48.	0.2	0
105	Hydrothermal Synthesis of BiFeO₃ Fine Particles. Transactions of the Materials Research Society of Japan, 2013, 38, 53-55.	0.2	2
106	Fabrication of Textured BaTiO₃ Ceramics by Electrophoretic Deposition in A High Magnetic Field using Single-domain Particles. Transactions of the Materials Research Society of Japan, 2013, 38, 41-44.	0.2	4
107	The Dielectric and Piezoelectric Properties of KNbO₃ / BaTiO₃ Composites With A Wide BaTiO₃ Size Distribution. Transactions of the Materials Research Society of Japan, 2013, 38, 57-60.	0.2	5
108	Preparation of Bismuthï¼Based Perovskites with Non-integer A and B Site Valence and Their Properties. Transactions of the Materials Research Society of Japan, 2013, 38, 49-52.	0.2	0

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109	Piezoelectric and Dielectric Enhancement of New Nano-structured Ceramics with Heteroepitaxial Interfaces. Additional Conferences (Device Packaging HiTEC HiTEN & CICMT), 2013, 2013, 000001-000004.	0.2	0
110	Fabrication and Characterization of Dielectric Nanocube Self-Assembled Structures. Japanese Journal of Applied Physics, 2012, 51, 09LC03.	1.5	8
111	Structural, dielectric, and piezoelectric properties of BaTiO3-Bi(Ni1/2Ti1/2)O3 ceramics. Journal of the Ceramic Society of Japan, 2012, 120, 30-34.	1.1	37
112	Piezoelectric enhancement of relaxor-based lead-free piezoelectric ceramics by nanodomain engineering. , 2012, , .		0
113	Nanostructure Control of Barium Titanateâ€“Potassium Niobate Nanocomplex Ceramics and Their Enhanced Ferroelectric Properties. Japanese Journal of Applied Physics, 2012, 51, 09LC05.	1.5	15
114	Growth of (111)-oriented BaTiO3â€“Bi(Mg0.5Ti0.5)O3 epitaxial films and their crystal structure and electrical property characterizations. Journal of Applied Physics, 2012, 111, .	2.5	15
115	Crystal Structure of BaTiO₃â€“KNbO₃ Nanocomposite Ceramics: Relationship between Dielectric Property and Structure of Heteroepitaxial Interface. Japanese Journal of Applied Physics, 2012, 51, 09LE05.	1.5	17
116	Fabrication of Dielectric Nanocubes in Ordered Structure by Capillary Force Assisted Self-Assembly Method and Their Piezoresponse Properties. Journal of Nanoscience and Nanotechnology, 2012, 12, 3853-3861.	0.9	21
117	Microstructure of BaTiO₃â€“Bi(Mg_{1/2}Ti_{1/2})O₃â€“BiFeO₃Piezoelectric Ceramics. Japanese Journal of Applied Physics, 2012, 51, 09LD04.	1.5	20
118	In situ growth BaTiO3 nanocubes and their superlattice from an aqueous process. Nanoscale, 2012, 4, 1344.	5.6	105
119	New Development of High Performance Piezoelectric Materials by Nanodomain Engineering. Nihon Kessho Gakkaishi, 2012, 54, 81-87.	0.0	1
120	Fabrication and Characterization of Dielectric Nanocube Self-Assembled Structures. Japanese Journal of Applied Physics, 2012, 51, 09LC03.	1.5	12
121	Nanostructure Control of Barium Titanateâ€“Potassium Niobate Nanocomplex Ceramics and Their Enhanced Ferroelectric Properties. Japanese Journal of Applied Physics, 2012, 51, 09LC05.	1.5	12
122	Microstructure of BaTiO₃â€“Bi(Mg_{1/2}Ti_{1/2})O₃â€“BiFeO₃Piezoelectric Ceramics. Japanese Journal of Applied Physics, 2012, 51, 09LD04.	1.5	34
123	Crystal Structure of BaTiO3â€“KNbO3Nanocomposite Ceramics: Relationship between Dielectric Property and Structure of Heteroepitaxial Interface. Japanese Journal of Applied Physics, 2012, 51, 09LE05.	1.5	5
124	Preparation of Barium Titanate/Strontium Titanate Multilayer Complex Nanoparticles using Nanocube Substrates. IOP Conference Series: Materials Science and Engineering, 2011, 18, 092030.	0.6	2
125	Structural Transformation of Hexagonal (0001)BaTiO₃ Ceramics to Tetragonal (111)BaTiO₃ Ceramics. Japanese Journal of Applied Physics, 2011, 50, 09ND01.	1.5	22
126	Preparation of Barium Titanateâ€“Potassium Niobate Nanostructured Ceramics with Artificial Morphotropic Phase Boundary Structure By Solvothermal Method. Japanese Journal of Applied Physics, 2011, 50, 09NC08.	1.5	20

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127	Microstructure Control of Barium Titanate - Potassium Niobate Solid Solution System Ceramics by MPB Engineering and Their Piezoelectric Properties. IOP Conference Series: Materials Science and Engineering, 2011, 18, 092058.	0.6	0
128	Microstructure Control of Barium Titanate Grain-oriented Ceramics and Their Piezoelectric Properties. IOP Conference Series: Materials Science and Engineering, 2011, 18, 092048.	0.6	0
129	Structural, Dielectric, and Piezoelectric Properties of Mn-Doped BaTiO₃â€“Bi(Mg_{1/2}Ti_{1/2})O₃â€“BiFeO₃ Ceramics. Japanese Journal of Applied Physics, 2011, 50, 09ND07.	1.5	42
130	Development of Electric Power Measurement for Energy Harvesting Using Unimorph-Type Piezoceramics. Key Engineering Materials, 2011, 485, 173-176.	0.4	2
131	Enhanced piezoelectric response of BaTiO3â€“KNbO3 composites. Applied Physics Letters, 2011, 99, .	3.3	44
132	Growth of monodispersed SrTiO3 nanocubes by thermohydrolysis method. CrystEngComm, 2011, 13, 3878.	2.6	78
133	Characteristics of Multilayered Nanostructures of CeO₂ Nanocrystals Self-Assembled on an Enlarged Liquidâ€“Gas Interface. Crystal Growth and Design, 2011, 11, 4129-4134.	3.0	47
134	Development of Electric Power Measurement for Energy Harvesting using Unimorph-type Piezoceramics. IOP Conference Series: Materials Science and Engineering, 2011, 18, 092060.	0.6	0
135	Preparation of BaZrO3 cubes by composite-hydroxide-mediated approach at low temperature. Journal of the Ceramic Society of Japan, 2011, 119, 532-534.	1.1	19
136	Domain size engineering in tetragonal Pb(In1/2Nb1/2)O3-Pb(Mg1/3Nb2/3)O3-PbTiO3 crystals. Journal of Applied Physics, 2011, 110, 84110-841106.	2.5	65
137	Growth of BaTiO3 nanoparticles in ethanolâ€“water mixture solvent under an ultrasound-assisted synthesis. Chemical Engineering Journal, 2011, 170, 333-337.	12.7	36
138	Characterization of Dielectric Nanocubes Ordered Structures Fabricated by Solution Self-Assembly Process. Japanese Journal of Applied Physics, 2011, 50, 09NC09.	1.5	11
139	Preparation and Characterization of Grain-Oriented Barium Titanate Ceramics Using Electrophoresis Deposition Method under a High Magnetic Field. Key Engineering Materials, 2011, 485, 313-316.	0.4	4
140	Microstructure Control of Barium Titanate Grain-Oriented Ceramics and their Piezoelectric Properties. Key Engineering Materials, 2011, 485, 77-80.	0.4	4
141	Preparation and Dielectric Properties of Dense Barium Titanate Nanoparticle Accumulations by Electrophoresis Deposition Method. Key Engineering Materials, 2011, 485, 35-38.	0.4	2
142	Microstructure Control of Barium Titanate â€“ Potassium Niobate Solid Solution System Ceramics by MPB Engineering and their Piezoelectric Properties. Key Engineering Materials, 2011, 485, 89-92.	0.4	9
143	Preparation of Strontium Titanate Nanocubes Using Titanium Alkoxide and their Accumulations by Capillary Force. Key Engineering Materials, 2011, 485, 309-312.	0.4	1
144	Preparation of Barium Titanateâ€“Potassium Niobate Nanostructured Ceramics with Artificial Morphotropic Phase Boundary Structure By Solvothermal Method. Japanese Journal of Applied Physics, 2011, 50, 09NC08.	1.5	13

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145	Characterization of Dielectric Nanocubes Ordered Structures Fabricated by Solution Self-Assembly Process. Japanese Journal of Applied Physics, 2011, 50, 09NC09.	1.5	19
146	Structural Transformation of Hexagonal (0001)BaTiO₃Ceramics to Tetragonal (111)BaTiO₃Ceramics. Japanese Journal of Applied Physics, 2011, 50, 09ND01.	1.5	8
147	Structural, Dielectric, and Piezoelectric Properties of Mn-Doped BaTiO₃â€“Bi(Mg_{1/2}Ti_{1/2})O₃â€“BiFeO₃Ceramics Japanese Journal of Applied Physics, 2011, 50, 09ND07.	1.5	42
148	Dispersion of barium titanate and strontium titanate nanocubes and their selective accumulations. Journal of the Ceramic Society of Japan, 2010, 118, 688-690.	1.1	4
149	Low temperature synthesis of tetragonal BaTiO3 by using molten salt. Journal of the Ceramic Society of Japan, 2010, 118, 738-740.	1.1	3
150	Preparation of barium titanate-bismuth magnesium titanate ceramics with high Curie temperature and their piezoelectric properties. Journal of the Ceramic Society of Japan, 2010, 118, 683-687.	1.1	23
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