

Minoru Osada

List of Publications by Year in descending order

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times ranked

8392
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#	ARTICLE	IF	CITATIONS
1	Rational Assembly of Two-Dimensional Perovskite Nanosheets as Building Blocks for New Ferroelectrics. ACS Applied Materials & Interfaces, 2021, 13, 1783-1790.	4.0	12
2	Facile titania nanocoating using single droplet assembly of 2D nanosheets. Journal of the Ceramic Society of Japan, 2021, 129, 359-364.	0.5	2
3	Solution-Processed Two-Dimensional Metal Oxide Anticorrosion Nanocoating. Nano Letters, 2021, 21, 7044-7049.	4.5	15
4	Construction of Multilayer Films and Superlattice- and Mosaic-like Heterostructures of 2D Metal Oxide Nanosheets via a Facile Spin-Coating Process. ACS Applied Materials & Interfaces, 2021, 13, 43258-43265.	4.0	12
5	Atomic Layer Technology Based on 2D Inorganic Nanosheets. Materia Japan, 2021, 60, 628-633.	0.1	0
6	Graphitic Carbon Nitride-Based Low-Dimensional Heterostructures for Photocatalytic Applications. Solar Rrl, 2020, 4, 1900435.	3.1	65
7	Nitrogen doped ultrathin calcium/sodium niobate perovskite nanosheets for photocatalytic water oxidation. Solar Energy Materials and Solar Cells, 2020, 205, 110283.	3.0	16
8	Synthesis of NaMoO ₃ F and Na ₅ W ₃ O ₉ F ₅ with Morphological Controllability in Non-Aqueous Solvents. Inorganic Chemistry, 2020, 59, 10707-10716.	1.9	11
9	Single Droplet Assembly for Two-Dimensional Nanosheet Tiling. ACS Nano, 2020, 14, 15216-15226.	7.3	29
10	Scalable Design of Two-Dimensional Oxide Nanosheets for Construction of Ultrathin Multilayer Nanocapacitor. Small, 2020, 16, 2003485.	5.2	12
11	On/Off Boundary of Photocatalytic Activity between Single- and Bilayer MoS ₂ . ACS Nano, 2020, 14, 6663-6672.	7.3	29
12	Wafer-scale and deterministic patterned growth of monolayer MoS ₂ via vapor-liquid-solid method. Nanoscale, 2019, 11, 16122-16129.	2.8	76
13	Tunable Chemical Coupling in Two-Dimensional van der Waals Electrostatic Heterostructures. ACS Nano, 2019, 13, 11214-11223.	7.3	13
14	Origin of Extended UV Stability of 2D Atomic Layer Titania-Based Perovskite Solar Cells Unveiled by Ultrafast Spectroscopy. ACS Applied Materials & Interfaces, 2019, 11, 21473-21480.	4.0	11
15	Enhanced oxide-ion conductivity of solid-state electrolyte mesocrystals. Nanoscale, 2019, 11, 4523-4530.	2.8	7
16	The rise of 2D dielectrics/ferroelectrics. APL Materials, 2019, 7, .	2.2	66
17	Controlled Assembly of Inorganic Nanosheets and Its Application to High-Performance Metamaterials. Hyomen Cijutsu/Journal of the Surface Finishing Society of Japan, 2019, 70, 355-358.	0.1	0
18	Vapor-liquid-solid growth of monolayer MoS ₂ nanoribbons. Nature Materials, 2018, 17, 535-542.	13.3	286

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19	Chemical Synthesis of Porous Barium Titanate Thin Film and Thermal Stabilization of Ferroelectric Phase by Porosity-Induced Strain. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	6
20	Self-Assembly Atomic Stacking Transport Layer of 2D Layered Titania for Perovskite Solar Cells with Extended UV Stability. <i>Advanced Energy Materials</i> , 2018, 8, 1701722.	10.2	46
21	Nanoarchitectonics in dielectric/ferroelectric layered perovskites: from bulk 3D systems to 2D nanosheets. <i>Dalton Transactions</i> , 2018, 47, 2841-2851.	1.6	42
22	Multifield Control of Domains in a Room-Temperature Multiferroic $0.85\text{BiTi}_{0.1}\text{Fe}_{0.8}\text{Mg}_{0.1}\text{O}_3$ $\text{â€}0.15\text{CaTiO}_3$ Thin Film. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 20712-20719.	4.0	17
23	Self-Assembly of Oxide Nanosheets: Precise Structural Control and Its Applications. , 2018, , 797-799.		0
24	Extra-Large Mechanical Anisotropy of a Hydrogel with Maximized Electrostatic Repulsion between Cofacially Aligned 2D Electrolytes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12508-12513.	7.2	30
25	Self-Sensitization and Photo-Polymerization of Diacetylene Molecules Self-Assembled on a Hexagonal-Boron Nitride Nanosheet. <i>Polymers</i> , 2018, 10, 206.	2.0	5
26	Mechanical force involved multiple fields switching of both local ferroelectric and magnetic domain in a $\text{Bi}_5\text{Ti}_3\text{FeO}_{15}$ thin film. <i>NPG Asia Materials</i> , 2017, 9, e349-e349.	3.8	37
27	Nanosheet-Based Electronics. <i>Nanostructure Science and Technology</i> , 2017, , 347-356.	0.1	0
28	Ferroelectric-assisted gold nanoparticles array for centimeter-scale highly reproducible SERS substrates. <i>Scientific Reports</i> , 2017, 7, 3630.	1.6	15
29	Origin of thermally stable ferroelectricity in a porous barium titanate thin film synthesized through block copolymer templating. <i>APL Materials</i> , 2017, 5, .	2.2	6
30	Layer-by-layer engineering of two-dimensional perovskite nanosheets for tailored microwave dielectrics. <i>Applied Physics Express</i> , 2017, 10, 091501.	1.1	14
31	Atomic Layer Engineering of High- $\hat{\rho}$ Ferroelectricity in 2D Perovskites. <i>Journal of the American Chemical Society</i> , 2017, 139, 10868-10874.	6.6	55
32	Elucidation of structure and conduction mechanism in Nd-Mn substituted Y-type strontium hexaferrites. <i>Journal of Alloys and Compounds</i> , 2017, 723, 9-16.	2.8	22
33	Neat monolayer tiling of molecularly thin two-dimensional materials in 1 min. <i>Science Advances</i> , 2017, 3, e1700414.	4.7	63
34	High-temperature dielectric responses in all-nanosheet capacitors. <i>Japanese Journal of Applied Physics</i> , 2017, 56, 06GH09.	0.8	8
35	Thermally stable dielectric responses in uniaxially (001)-oriented $\text{CaBi}_4\text{Ti}_4\text{O}_{15}$ nanofilms grown on a $\text{Ca}_2\text{Nb}_3\text{O}_{10}$ nanosheet seed layer. <i>Scientific Reports</i> , 2016, 6, 20713.	1.6	8
36	Highly (0001)-oriented Al-doped ZnO polycrystalline films on amorphous glass substrates. <i>Journal of Applied Physics</i> , 2016, 120, 125302.	1.1	17

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37	Advanced capacitor technology based on two-dimensional nanosheets. Japanese Journal of Applied Physics, 2016, 55, 1102A3.	0.8	7
38	Hunting for Monolayer Oxide Nanosheets and Their Architectures. Scientific Reports, 2016, 6, 19402.	1.6	23
39	Coexistence of Magnetic Order and Ferroelectricity at 2D Nanosheet Interfaces. Journal of the American Chemical Society, 2016, 138, 7621-7625.	6.6	45
40	<i>In Situ</i> Tuning of Magnetization and Magnetoresistance in Fe ₃ O ₄ Thin Film Achieved with All-Solid-State Redox Device. ACS Nano, 2016, 10, 1655-1661.	7.3	80
41	Synthesis of green emission upconversion phosphor nanosheets (LaNb ₂ O ₇) doped with Er ³⁺ and Yb ³⁺ . Journal of Luminescence, 2016, 173, 130-134.	1.5	3
42	Mn-doped LiNaGe ₄ O ₉ as a rare-earth free phosphor: impact of Na-substitution on emission in tetragermanate phase. Journal of the Ceramic Society of Japan, 2015, 123, 888-891.	0.5	17
43	High-temperature dielectric responses of molecularly-thin titania nanosheet. Journal of the Ceramic Society of Japan, 2015, 123, 335-339.	0.5	8
44	Artificial design for new ferroelectrics using nanosheet-architectonics concept. Nanotechnology, 2015, 26, 244001.	1.3	14
45	Nanosheet architectonics: a hierarchically structured assembly for tailored fusion materials. Polymer Journal, 2015, 47, 89-98.	1.3	40
46	Tunable Bandgap Narrowing Induced by Controlled Molecular Thickness in 2D Mica Nanosheets. Chemistry of Materials, 2015, 27, 4222-4228.	3.2	47
47	Thermoresponsive actuation enabled by permittivity switching in an electrostatically anisotropic hydrogel. Nature Materials, 2015, 14, 1002-1007.	13.3	530
48	Spectroscopically and thermometrically observed boson peaks in oxide glass system. Japanese Journal of Applied Physics, 2015, 54, 088003.	0.8	4
49	Design of crystal structures, morphologies and functionalities of titanium oxide using water-soluble complexes and molecular control agents. Polymer Journal, 2015, 47, 78-83.	1.3	16
50	2D Perovskite Nanosheets with Thermally-Stable High- $\hat{\nu}$ Response: A New Platform for High-Temperature Capacitors. ACS Applied Materials & Interfaces, 2014, 6, 19510-19514.	4.0	50
51	Chemical Preparation of Ferroelectric Mesoporous Barium Titanate Thin Films: Drastic Enhancement of Curie Temperature Induced by Mesopore-Derived Strain. Chemistry - A European Journal, 2014, 20, 11283-11286.	1.7	14
52	All-Nanosheet Ultrathin Capacitors Assembled Layer-by-Layer <i>via</i> Solution-Based Processes. ACS Nano, 2014, 8, 2658-2666.	7.3	82
53	High performance silicon-based anodes in solid-state lithium batteries. Energy and Environmental Science, 2014, 7, 662-666.	15.6	84
54	Controlled doping of semiconducting titania nanosheets for tailored spinelectronic materials. Nanoscale, 2014, 6, 14227-14236.	2.8	41

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55	High Thermal Robustness of Molecularly Thin Perovskite Nanosheets and Implications for Superior Dielectric Properties. ACS Nano, 2014, 8, 5449-5461.	7.3	49
56	Fabrication and Properties of Microcapacitors with a One-nanometer-thick Single Ti _{0.87} O ₂ Nanosheet. Chemistry Letters, 2014, 43, 307-309.	0.7	2
57	Large magnetoelectric coupling in magnetically short-range ordered Bi ₅ Ti ₃ FeO ₁₅ film. Scientific Reports, 2014, 4, 5255.	1.6	135
58	Nanosheet Coating Process. Yosetsu Gakkai Shi/Journal of the Japan Welding Society, 2014, 83, 95-99.	0.0	0
59	Realization of graphene field-effect transistor with high- $\hat{\rho}$ HCa ₂ Nb ₃ O ₁₀ nanoflake as top-gate dielectric. Applied Physics Letters, 2013, 103, .	1.5	12
60	Gigantic plasmon resonance effects on magneto-optical activity of molecularly thin ferromagnets near gold surfaces. Journal of Materials Chemistry C, 2013, 1, 2520.	2.7	9
61	Synthesis of Highly Strained Mesostructured SrTiO ₃ /BaTiO ₃ Composite Films with Robust Ferroelectricity. Chemistry - A European Journal, 2013, 19, 4446-4450.	1.7	27
62	Oriented Film Growth of Ba _{1-x} Sr _x TiO ₃ Dielectrics on Glass Substrates Using 2D Nanosheet Seed Layer. ACS Applied Materials & Interfaces, 2013, 5, 4592-4596.	4.0	7
63	Identification of the Occupation Site of Dy- or Y-Substituted PZT Films and the Correlation Between Occupation Site and Ferroelectric Property. Integrated Ferroelectrics, 2013, 141, 1-8.	0.3	1
64	Successive phase transformation in stoichiometric glassy Li ₂ Ge ₄ O ₉ : Isothermal and nonisothermal study. Journal of Applied Physics, 2013, 114, .	1.1	9
65	Tunable and highly reproducible surface-enhanced Raman scattering substrates made from large-scale nanoparticle arrays based on periodically poled LiNbO ₃ templates. Science and Technology of Advanced Materials, 2013, 14, 055011.	2.8	20
66	Low-frequency Raman scattering in binary silicate glass: Boson peak frequency and its general expression. Journal of the Ceramic Society of Japan, 2013, 121, 1012-1014.	0.5	15
67	Enhanced dielectric response induced by controlled morphology in rutile TiO ₂ nanocrystals. Journal of the Ceramic Society of Japan, 2013, 121, 593-597.	0.5	11
68	Oxygen vacancies in PbTiO ₃ thin films probed by resonant Raman spectroscopy. Journal of the Ceramic Society of Japan, 2013, 121, 598-601.	0.5	7
69	Investigation of PbTiO ₃ thin films with reduced and re-oxidized treatment using Raman spectroscopy. Journal of the Ceramic Society of Japan, 2013, 121, 859-862.	0.5	5
70	Strategic Smart Process for the Fabrication of Ultimate Functional ZnO Materials with Highly Transparent Conductivity. Journal of Smart Processing, 2013, 2, 236-244.	0.0	1
71	Soft-phonon mode observation in Li ₂ Ge ₄ O ₉ phase above room temperature. Applied Physics Letters, 2012, 100, 091902.	1.5	8
72	(Invited) New Dielectric Nanomaterials Fabricated from Nanosheet Technique. ECS Transactions, 2012, 45, 3-8.	0.3	5

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73	Effect of annealing at maximum nucleation temperature on boson peak in lithium-disilicate glass. Journal of the Ceramic Society of Japan, 2012, 120, 256-258.	0.5	4
74	NANOCRYSTALLIZATION AND OPTICAL PROPERTY OF WILLEMITE-TYPE SEMICONDUCTIVE Zn ₂ GeO ₄ IN GLASS. Functional Materials Letters, 2012, 05, 1260008.	0.7	4
75	RbBiNb ₂ O ₇ : A New Lead-Free High- <i>T_c</i> Ferroelectric. Chemistry of Materials, 2012, 24, 3111-3113.	3.2	60
76	Self-assembly of oxide nanosheets: precise structural control and its applications. , 2012, , 618-620.		0
77	<i>A</i> and <i>B</i> Site Modified Perovskite Nanosheets and Their Integrations into High- <i>k</i> Dielectric Thin Films. International Journal of Applied Ceramic Technology, 2012, 9, 29-36.	1.1	28
78	Nano Materials Design for High- <i>T_c</i> Ferromagnets of $\text{Ti}_{1-x}\text{Co}_x\text{O}_2$ Nanosheets. International Journal of Applied Ceramic Technology, 2012, 9, 936-941.	1.1	1
79	Two-Dimensional Dielectric Nanosheets: Novel Nanoelectronics From Nanocrystal Building Blocks. Advanced Materials, 2012, 24, 210-228.	11.1	987
80	2D Inorganic Nanosheets: Two-Dimensional Dielectric Nanosheets: Novel Nanoelectronics From Nanocrystal Building Blocks (Adv. Mater. 2/2012). Advanced Materials, 2012, 24, 209-209.	11.1	17
81	Structures and Physical Properties in Oxide Nanosheets. Nihon Kessho Gakkaishi, 2012, 54, 352-358.	0.0	0
82	Orbital Reconstruction and Interface Ferromagnetism in Self-Assembled Nanosheet Superlattices. ACS Nano, 2011, 5, 6871-6879.	7.3	44
83	Controlled Polarizability of One-Nanometer-Thick Oxide Nanosheets for Tailored, High- <i>ε_r</i> Nanodielectrics. Advanced Functional Materials, 2011, 21, 3482-3487.	7.8	72
84	Nanoscale Characterization of Domain Structures in Bi ₄ Ti ₃ SO ₁₂ Single Crystals Using Near-Field Raman Spectroscopy. Japanese Journal of Applied Physics, 2011, 50, 09NE10.	0.8	6
85	Solution-Based Fabrication of Perovskite Multilayers and Superlattices Using Nanosheet Process. Japanese Journal of Applied Physics, 2011, 50, 09NA10.	0.8	6
86	Fabrication of Artificial Superlattices Using Perovskite Nanosheets. Key Engineering Materials, 2011, 485, 321-324.	0.4	0
87	Low-frequency inelastic light scattering of zincogermanate glass in supercooled liquid regime. Journal of Applied Physics, 2011, 109, 126105.	1.1	4
88	New Perovskite Nanomaterials and Their Integrations into High- <i>k</i> Dielectrics. Additional Conferences (Device Packaging HiTEC HiTEN & CICMT), 2011, 2011, 000072-000077.	0.2	1
89	Solution-Based Fabrication of Perovskite Multilayers and Superlattices Using Nanosheet Process. Japanese Journal of Applied Physics, 2011, 50, 09NA10.	0.8	12
90	Nanoscale Characterization of Domain Structures in Bi ₄ Ti ₃ O ₁₂ Single Crystals Using Near-Field Raman Spectroscopy. Japanese Journal of Applied Physics, 2011, 50, 09NE10.	0.8	2

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91	Formation of spherulite and metastable phase in stoichiometric Ba ₂ Si ₃ O ₈ glass. Journal of the Ceramic Society of Japan, 2010, 118, 955-958.	0.5	9
92	Inelastic light scattering from nanocrystallizing niobiotellurite glass: an insight into the metastable phase and phase-transformation dynamics. Journal of the Ceramic Society of Japan, 2010, 118, 814-818.	0.5	2
93	Focus on innovation in ceramics research in East Asia. Science and Technology of Advanced Materials, 2010, 11, 040301.	2.8	0
94	A-Site-Modified Perovskite Nanosheets and Their Integration into High- ϵ^{\prime} Dielectric Thin Films with a Clean Interface. Japanese Journal of Applied Physics, 2010, 49, 09MA01.	0.8	16
95	Impact of perovskite layer stacking on dielectric responses in KCa ₂ Nan ⁿ⁻³ NbnO _{3n+1} (n=3-6) Dion ⁿ Jacobson homologous series. Applied Physics Letters, 2010, 96, .	1.5	26
96	Transmission electron microscopy and <i>in situ</i> Raman studies of glassy sanbornite: An insight into nucleation trend and its relation to structural variation. Journal of Applied Physics, 2010, 108, .	1.1	14
97	Crystallization of tungstenbronze-type Ba ₂ NaNb ₅ O ₁₅ in high-Nb ₂ O ₅ -content glass: An inelastic light scattering study. Journal of Applied Physics, 2010, 108, 103519.	1.1	10
98	Single crystal-like selection rules for unipolar-axis oriented tetragonal Pb(Zr,Ti)O ₃ thick epitaxial films. Applied Physics Letters, 2010, 97, 111901.	1.5	8
99	<i>In situ</i> Raman spectroscopy for characterization of the domain contributions to electrical and piezoelectric responses in Pb(Zr,Ti)O ₃ films. Applied Physics Letters, 2010, 97, .	1.5	19
100	Self-Assembled Nanofilm of Monodisperse Cobalt Hydroxide Hexagonal Platelets: Topotactic Conversion into Oxide and Resistive Switching. Chemistry of Materials, 2010, 22, 6341-6346.	3.2	42
101	Robust High- ϵ^{\prime} Response in Molecularly Thin Perovskite Nanosheets. ACS Nano, 2010, 4, 5225-5232.	7.3	141
102	Engineered Interfaces of Artificial Perovskite Oxide Superlattices <i>via</i> Nanosheet Deposition Process. ACS Nano, 2010, 4, 6673-6680.	7.3	141
103	Structural heterogeneity and homogeneous nucleation of 1BaO-2SiO ₂ glass. Applied Physics Letters, 2009, 94, 211907.	1.5	21
104	Solution-Based Fabrication of Perovskite Nanosheet Films and Their Dielectric Properties. Japanese Journal of Applied Physics, 2009, 48, 09KA15.	0.8	15
105	Softer region at boundary of supercooled liquid-crystal in glassy fresnoite. Applied Physics Letters, 2009, 94, 241909.	1.5	16
106	Precursive stage of nanocrystallization in niobium oxide-containing glass. Applied Physics Letters, 2009, 95, .	1.5	23
107	Synthesis of Mn-Substituted Titania Nanosheets and Ferromagnetic Thin Films with Controlled Doping. Chemistry of Materials, 2009, 21, 4366-4373.	3.2	63
108	Construction of Highly Ordered Lamellar Nanostructures through Langmuir-Blodgett Deposition of Molecularly Thin Titania Nanosheets Tens of Micrometers Wide and Their Excellent Dielectric Properties. ACS Nano, 2009, 3, 1097-1106.	7.3	171

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109	Investigation of Oxygen Vacancies in Micro-Patterned PZT Thin Films Using Raman Spectroscopy. Key Engineering Materials, 2009, 421-422, 135-138.	0.4	0
110	Crystallization and nanometric heterogeneity in glass: <i>In situ</i> observation of the boson peak during crystallization. Physical Review B, 2009, 79, .	1.1	41
111	Exfoliated oxide nanosheets: new solution to nanoelectronics. Journal of Materials Chemistry, 2009, 19, 2503.	6.7	543
112	Gigantic magneto-optical effects induced by (Fe ²⁺ •Co)-cosubstitution in titania nanosheets. Applied Physics Letters, 2008, 92, 253110.	1.5	46
113	X-ray nanospectroscopic characterization of a molecularly thin ferromagnetic Ti ^{1-x} CoxO2 nanosheet. Applied Physics Letters, 2008, 93, 093112.	1.5	12
114	Ferromagnetic Properties in Co-Substituted Titania Nanosheets. Key Engineering Materials, 2008, 388, 119-122.	0.4	0
115	Langmuir-Blodgett Fabrication of Nanosheet-Based Dielectric Films without an Interfacial Dead Layer. Japanese Journal of Applied Physics, 2008, 47, 7556.	0.8	30
116	Synthesis of Complex Perovskite Oxides via Nanosheets Process. Key Engineering Materials, 2007, 350, 55-58.	0.4	0
117	Magneto-Optical Effects in Superlattice Assemblies of Ferromagnetic Nanosheets. Key Engineering Materials, 2007, 350, 15-18.	0.4	2
118	Hydration of Sodium Cobalt Oxide. Chemistry of Materials, 2007, 19, 6073-6076.	3.2	10
119	Probing intrinsic polarization properties in bismuth-layered ferroelectric films. Applied Physics Letters, 2007, 90, 112914.	1.5	21
120	Solution-Based Fabrication of High- ϵ^{\prime} Dielectric Nanofilms Using Titania Nanosheets as a Building Block. Japanese Journal of Applied Physics, 2007, 46, 6979.	0.8	9
121	Low-Temperature Synthesis of NaNbO3 Nanopowders and their Thin Films from a Novel Carbon-Free Precursor. Journal of the American Ceramic Society, 2006, 89, 1188-1192.	1.9	30
122	The effects of oxygen partial pressure on local structural properties for Ga-doped ZnO thin films. Thin Solid Films, 2006, 494, 38-41.	0.8	53
123	High- ϵ^{\prime} Dielectric Nanofilms Fabricated from Titania Nanosheets. Advanced Materials, 2006, 18, 1023-1027.	11.1	206
124	Gigantic Magneto-Optical Effects in Multilayer Assemblies of Two-Dimensional Titania Nanosheets. Advanced Materials, 2006, 18, 295-299.	11.1	137
125	Self Assemble Synthesis of Potassium Niobate at Room Temperature. Key Engineering Materials, 2006, 320, 7-10.	0.4	0
126	Photoconducting Properties in Oxygen-Deficient Bi ₄ Ti ₃ O ₁₂ . Key Engineering Materials, 2006, 301, 7-10.	0.4	0

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127	Exciton-Phonon Interaction in CuAlS_2 Powders. <i>Advanced Materials Research</i> , 2006, 11-12, 175-178.	0.3	0
128	Photoinduced Nanodots in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+d}$. <i>Key Engineering Materials</i> , 2006, 320, 167-170.	0.4	0
129	Resonant two-phonon Raman scattering as a probe of hole crystal formation in $\text{Sr}_{14-x}\text{Ca}_x\text{Cu}_{24}\text{O}_{41}$. <i>Physical Review B</i> , 2006, 74, .	1.1	6
130	Impacts of intrinsic defects on luminescence properties of CuAlS_2 . <i>Applied Physics Letters</i> , 2006, 89, 221117.	1.5	4
131	Antiferromagnetic Ordering Coupled with Phonon Mode Anomalies in Rare-Earth Cuprate NdCu_2O_4 , Probed by Nuclear Quadrupole Resonance and Raman Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2005, 74, 2076-2081.	0.7	1
132	Observation of ferroelectric domains in bismuth-layer-structured ferroelectrics using Raman spectroscopy. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2005, 120, 95-99.	1.7	9
133	The effects of neodymium content and site occupancy on spontaneous polarization of epitaxial $(\text{Bi}_{4-x}\text{Nd}_x)\text{Ti}_3\text{O}_{12}$ films. <i>Journal of Applied Physics</i> , 2005, 98, 024110.	1.1	26
134	The Effect of Varying Ca-Content on the Structure of High- T_c Superconductor $(\text{Ca}_x\text{La}_{1-x})(\text{Ba}_{1.75-x}\text{La}_{0.25+x})\text{Cu}$ ($x = 0.5, 0.6, \text{ and } 0.8$) Studied by Neutron Powder Diffraction. <i>Materials Science Forum</i> , 2004, 443-444, 361-364.	0.3	0
135	Phase Control in High-Temperature Superconductors and Novel Fabrication Procedure for Superconducting Components. <i>Key Engineering Materials</i> , 2004, 269, 91-94.	0.4	0
136	Chemical composition and crystal structure of superconducting sodium cobalt oxide bilayer-hydrate. Electronic supplementary information (ESI) available: Rietveld refinement patterns. See http://www.rsc.org/suppdata/jm/b4/b400181h/ . <i>Journal of Materials Chemistry</i> , 2004, 14, 1448.	6.7	117
137	Ferroelectric properties of lanthanide-substituted $\text{Bi}_4\text{Ti}_3\text{O}_{12}$ epitaxial thin films grown by metalorganic chemical vapor deposition. <i>Journal of Applied Physics</i> , 2003, 93, 1707-1712.	1.1	55
138	Effect of cosubstitution of La and V in $\text{Bi}_4\text{Ti}_3\text{O}_{12}$ thin films on the low-temperature deposition. <i>Applied Physics Letters</i> , 2002, 80, 100-102.	1.5	169
139	Large remanent polarization of $\text{Bi}_4\text{Ti}_3\text{O}_{12}$ -based thin films modified by the site engineering technique. <i>Journal of Applied Physics</i> , 2002, 92, 1518-1521.	1.1	92
140	Preparation and characterization of a- and b-axis-oriented epitaxially grown $\text{Bi}_4\text{Ti}_3\text{O}_{12}$ -based thin films with long-range lattice matching. <i>Applied Physics Letters</i> , 2002, 81, 1660-1662.	1.5	101
141	Large remanent polarization of $(\text{Bi},\text{Nd})_4\text{Ti}_3\text{O}_{12}$ epitaxial thin films grown by metalorganic chemical vapor deposition. <i>Applied Physics Letters</i> , 2002, 80, 2746-2748.	1.5	348
142	Defect Engineering for Control of Polarization Properties in $\text{SrBi}_2\text{Ta}_2\text{O}_9$. <i>Japanese Journal of Applied Physics</i> , 2002, 41, 7062-7075.	0.8	114
143	Polarized Raman Study for Epitaxial PZT Thick Film with the Mixture Orientation of (100)/(001). <i>Key Engineering Materials</i> , 0, 421-422, 99-102.	0.4	2
144	Low-Frequency Inelastic Light Scattering of Glassy $\text{Ba}_2\text{TiGe}_2\text{O}_8$ during Heating Process. <i>Key Engineering Materials</i> , 0, 445, 225-228.	0.4	0

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145	Chemical Nanomanipulation of Two-Dimensional Nanosheets and Its Applications. , 0, , .		2
146	Crystallization and Morphology of Glassy Sanbornite. Key Engineering Materials, 0, 485, 301-304.	0.4	7
147	Crystallization of Tungstenbronze Phase and its Inelastic Light Scattering in Niobiphosphate-System Glass. Key Engineering Materials, 0, 566, 306-309.	0.4	0
148	Transmission electron microscopy and in situ Raman studies of glassy sanbornite: An insight into nucleation trend and its relation to structural variation. , 0, .		1