# Minoru Osada

List of Publications by Year
in descending order

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| 148 | 6,660 | 81743 | 64668 |
|---|---|---|---|
| papers | citations | 39 h-index | 79 g-index |

| 151 | 151 | 151 | 8392 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Twoâ€Ðimensional Dielectric Nanosheets: Novel Nanoelectronics From Nanocrystal Building Blocks. Advanced Materials, 2012, 24, 210-228. | 11.1 | 987 |
| 2 | Exfoliated oxide nanosheets: new solution to nanoelectronics. Journal of Materials Chemistry, 2009, 19, 2503. | 6.7 | 543 |
| 3 | Thermoresponsive actuation enabled by permittivity switching in an electrostatically anisotropic hydrogel. Nature Materials, 2015, 14, 1002-1007. | 13.3 | 530 |
| 4 | Large remanent polarization of (Bi,Nd)4Ti3O12 epitaxial thin films grown by metalorganic chemical vapor deposition. Applied Physics Letters, 2002, 80, 2746-2748. | 1.5 | 348 |
| 5 | Vapourâ€“liquidâ€“solid growth of monolayer MoS2 nanoribbons. Nature Materials, 2018, 17, 535-542. | 13.3 | 286 |
| 6 | High-Î¤ Dielectric Nanofilms Fabricated from Titania Nanosheets. Advanced Materials, 2006, 18, 1023-1027. | 11.1 | 206 |
| 7 | Construction of Highly Ordered Lamellar Nanostructures through Langmuirâ^'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 |
| 8 | Effect of cosubstitution of La and V in Bi4Ti3O12 thin films on the low-temperature deposition. Applied Physics Letters, 2002, 80, 100-102. | 1.5 | 169 |
| 9 | Robust High-Î¤ Response in Molecularly Thin Perovskite Nanosheets. ACS Nano, 2010, 4, 5225-5232. | 7.3 | 141 |
| 10 | Engineered Interfaces of Artificial Perovskite Oxide Superlattices via Nanosheet Deposition Process. ACS Nano, 2010, 4, 6673-6680. | 7.3 | 141 |
| 11 | Gigantic Magnetoâ€“Optical Effects in Multilayer Assemblies of Two-DimensionalÂTitania Nanosheets. Advanced Materials, 2006, 18, 295-299. | 11.1 | 137 |
| 12 | Large magnetoelectric coupling in magnetically short-range ordered Bi5Ti3FeO15 film. Scientific Reports, 2014, 4, 5255. | 1.6 | 135 |
| 13 | Chemical composition and crystal structure of superconducting sodium cobalt oxide bilayer-hydrateElectronic supplementary information (ESI) available: Rietveld refinement patterns. See http://www.rsc.org/suppdata/jm/b4/b400181h/. Journal of Materials Chemistry, 2004, 14, 1448. | 6.7 | 117 |
| 14 | Defect Engineering for Control of Polarization Properties in SrBi2Ta2O9. Japanese Journal of Applied Physics, 2002, 41, 7062-7075. | 0.8 | 114 |
| 15 | Preparation and characterization of a- and b-axis-oriented epitaxially grown Bi4Ti3O12-based thin films with long-range lattice matching. Applied Physics Letters, 2002, 81, 1660-1662. | 1.5 | 101 |
| 16 | Large remanent polarization of Bi4Ti3O12-based thin films modified by the site engineering technique. Journal of Applied Physics, 2002, 92, 1518-1521. | 1.1 | 92 |
| 17 | High performance silicon-based anodes in solid-state lithium batteries. Energy and Environmental Science, 2014, 7, 662-666. | 15.6 | 84 |
| 18 | All-Nanosheet Ultrathin Capacitors Assembled Layer-by-Layer via Solution-Based Processes. ACS Nano, 2014, 8, 2658-2666. | 7.3 | 82 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | In Situ Tuning of Magnetization and Magnetoresistance in Fe<sub>3</sub>O<sub>4</sub> Thin Film Achieved with All-Solid-State Redox Device. ACS Nano, 2016, 10, 1655-1661. | 7.3 | 80 |
| 20 | Wafer-scale and deterministic patterned growth of monolayer MoS<sub>2</sub>via vaporâ€“liquidâ€“solid method. Nanoscale, 2019, 11, 16122-16129. | 2.8 | 76 |
| 21 | Controlled Polarizability of Oneâ€Nanometerâ€Thick Oxide Nanosheets for Tailored, Highâ€Îº Nanodielectrics. Advanced Functional Materials, 2011, 21, 3482-3487. | 7.8 | 72 |
| 22 | The rise of 2D dielectrics/ferroelectrics. APL Materials, 2019, 7, . | 2.2 | 66 |
| 23 | Graphitic Carbon Nitrideâ€Based Lowâ€Dimensional Heterostructures for Photocatalytic Applications. Solar Rrl, 2020, 4, 1900435. | 3.1 | 65 |
| 24 | Synthesis of Mn-Substituted Titania Nanosheets and Ferromagnetic Thin Films with Controlled Doping. Chemistry of Materials, 2009, 21, 4366-4373. | 3.2 | 63 |
| 25 | Neat monolayer tiling of molecularly thin two-dimensional materials in 1 min. Science Advances, 2017, 3, e1700414. | 4.7 | 63 |
| 26 | RbBiNb<sub>2</sub>O<sub>7</sub>: A New Lead-Free High-T<sub>c</sub> Ferroelectric. Chemistry of Materials, 2012, 24, 3111-3113. | 3.2 | 60 |
| 27 | Ferroelectric properties of lanthanide-substituted Bi4Ti3O12 epitaxial thin films grown by metalorganic chemical vapor deposition. Journal of Applied Physics, 2003, 93, 1707-1712. | 1.1 | 55 |
| 28 | Atomic Layer Engineering of High-Îº Ferroelectricity in 2D Perovskites. Journal of the American Chemical Society, 2017, 139, 10868-10874. | 6.6 | 55 |
| 29 | 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 |
| 30 | 2D Perovskite Nanosheets with Thermally-Stable High-Îº Response: A New Platform for High-Temperature Capacitors. ACS Applied Materials & Interfaces, 2014, 6, 19510-19514. | 4.0 | 50 |
| 31 | High Thermal Robustness of Molecularly Thin Perovskite Nanosheets and Implications for Superior Dielectric Properties. ACS Nano, 2014, 8, 5449-5461. | 7.3 | 49 |
| 32 | Tunable Bandgap Narrowing Induced by Controlled Molecular Thickness in 2D Mica Nanosheets. Chemistry of Materials, 2015, 27, 4222-4228. | 3.2 | 47 |
| 33 | Gigantic magneto-optical effects induced by (Feâ€•Co)-cosubstitution in titania nanosheets. Applied Physics Letters, 2008, 92, 253110. | 1.5 | 46 |
| 34 | Selfâ€Assembly Atomic Stacking Transport Layer of 2D Layered Titania for Perovskite Solar Cells with Extended UV Stability. Advanced Energy Materials, 2018, 8, 1701722. | 10.2 | 46 |
| 35 | Coexistence of Magnetic Order and Ferroelectricity at 2D Nanosheet Interfaces. Journal of the American Chemical Society, 2016, 138, 7621-7625. | 6.6 | 45 |
| 36 | Orbital Reconstruction and Interface Ferromagnetism in Self-Assembled Nanosheet Superlattices. ACS Nano, 2011, 5, 6871-6879. | 7.3 | 44 |

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|---|---|---|---|
| 37 | 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 |
| 38 | Nanoarchitectonics in dielectric/ferroelectric layered perovskites: from bulk 3D systems to 2D nanosheets. Dalton Transactions, 2018, 47, 2841-2851. | 1.6 | 42 |
| 39 | Crystallization and nanometric heterogeneity in glass:In situobservation of the boson peak during crystallization. Physical Review B, 2009, 79, . | 1.1 | 41 |
| 40 | Controlled doping of semiconducting titania nanosheets for tailored spinelectronic materials. Nanoscale, 2014, 6, 14227-14236. | 2.8 | 41 |
| 41 | Nanosheet architectonics: a hierarchically structured assembly for tailored fusion materials. Polymer Journal, 2015, 47, 89-98. | 1.3 | 40 |
| 42 | Mechanical force involved multiple fields switching of both local ferroelectric and magnetic domain in a Bi5Ti3FeO15 thin film. NPG Asia Materials, 2017, 9, e349-e349. | 3.8 | 37 |
| 43 | 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 |
| 44 | Langmuirâ€“Blodgett Fabrication of Nanosheet-Based Dielectric Films without an Interfacial Dead Layer. Japanese Journal of Applied Physics, 2008, 47, 7556. | 0.8 | 30 |
| 45 | Extraâ€Large Mechanical Anisotropy of a Hydrogel with Maximized Electrostatic Repulsion between Cofacially Aligned 2D Electrolytes. Angewandte Chemie - International Edition, 2018, 57, 12508-12513. | 7.2 | 30 |
| 46 | Single Droplet Assembly for Two-Dimensional Nanosheet Tiling. ACS Nano, 2020, 14, 15216-15226. | 7.3 | 29 |
| 47 | On/Off Boundary of Photocatalytic Activity between Single- and Bilayer MoS<sub>2</sub>. ACS Nano, 2020, 14, 6663-6672. | 7.3 | 29 |
| 48 | Aâ€•and Bâ€Site Modified Perovskite Nanosheets and Their Integrations into Highâ€k Dielectric Thin Films. International Journal of Applied Ceramic Technology, 2012, 9, 29-36. | 1.1 | 28 |
| 49 | Synthesis of Highly Strained Mesostructured SrTiO<sub>3</sub>/BaTiO<sub>3</sub> Composite Films with Robust Ferroelectricity. Chemistry - A European Journal, 2013, 19, 4446-4450. | 1.7 | 27 |
| 50 | The effects of neodymium content and site occupancy on spontaneous polarization of epitaxial (Bi4â^'xNdx)Ti3O12 films. Journal of Applied Physics, 2005, 98, 024110. | 1.1 | 26 |
| 51 | Impact of perovskite layer stacking on dielectric responses in KCa2Nanâ^'3NbnO3n+1â€^(n=3â€“6) Dionâ€“Jacobson homologous series. Applied Physics Letters, 2010, 96, . | 1.5 | 26 |
| 52 | Precursive stage of nanocrystallization in niobium oxide-containing glass. Applied Physics Letters, 2009, 95, . | 1.5 | 23 |
| 53 | Hunting for Monolayer Oxide Nanosheets and Their Architectures. Scientific Reports, 2016, 6, 19402. | 1.6 | 23 |
| 54 | Elucidation of structure and conduction mechanism in Nd-Mn substituted Y-type strontium hexaferrites. Journal of Alloys and Compounds, 2017, 723, 9-16. | 2.8 | 22 |

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| 55 | Probing intrinsic polarization properties in bismuth-layered ferroelectric films. Applied Physics Letters, 2007, 90, 112914. | 1.5 | 21 |
| 56 | Structural heterogeneity and homogeneous nucleation of 1BaO-2SiO2 glass. Applied Physics Letters, 2009, 94, 211907. | 1.5 | 21 |
| 57 | Tunable and highly reproducible surface-enhanced Raman scattering substrates made from large-scale nanoparticle arrays based on periodically poled LiNbO3templates. Science and Technology of Advanced Materials, 2013, 14, 055011. | 2.8 | 20 |
| 58 | In situ Raman spectroscopy for characterization of the domain contributions to electrical and piezoelectric responses in Pb(Zr,Ti)O3 films. Applied Physics Letters, 2010, 97, . | 1.5 | 19 |
| 59 | 2D Inorganic Nanosheets: Twoâ€Dimensional Dielectric Nanosheets: Novel Nanoelectronics From Nanocrystal Building Blocks (Adv. Mater. 2/2012). Advanced Materials, 2012, 24, 209-209. | 11.1 | 17 |
| 60 | Mn-doped LiNaGe<sub>4</sub>O<sub>9</sub> 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 |
| 61 | Highly (0001)-oriented Al-doped ZnO polycrystalline films on amorphous glass substrates. Journal of Applied Physics, 2016, 120, 125302. | 1.1 | 17 |
| 62 | Multifield Control of Domains in a Room-Temperature Multiferroic 0.85BiTi<sub>0.1</sub>Fe<sub>0.8</sub>Mg<sub>0.1</sub>O<sub>3</sub>â€“0.15CaTiO<sub>3</sub> Thin Film. ACS Applied Materials & Interfaces, 2018, 10, 20712-20719. | 4.0 | 17 |
| 63 | Softer region at boundary of supercooled liquidâ€“crystal in glassy fresnoite. Applied Physics Letters, 2009, 94, 241909. | 1.5 | 16 |
| 64 | A-Site-Modified Perovskite Nanosheets and Their Integration into High-Î° Dielectric Thin Films with a Clean Interface. Japanese Journal of Applied Physics, 2010, 49, 09MA01. | 0.8 | 16 |
| 65 | 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 |
| 66 | Nitrogen doped ultrathin calcium/sodium niobate perovskite nanosheets for photocatalytic water oxidation. Solar Energy Materials and Solar Cells, 2020, 205, 110283. | 3.0 | 16 |
| 67 | Solution-Based Fabrication of Perovskite Nanosheet Films and Their Dielectric Properties. Japanese Journal of Applied Physics, 2009, 48, 09KA15. | 0.8 | 15 |
| 68 | 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 |
| 69 | Ferroelectric-assisted gold nanoparticles array for centimeter-scale highly reproducible SERS substrates. Scientific Reports, 2017, 7, 3630. | 1.6 | 15 |
| 70 | Solution-Processed Two-Dimensional Metal Oxide Anticorrosion Nanocoating. Nano Letters, 2021, 21, 7044-7049. | 4.5 | 15 |
| 71 | Transmission electron microscopy and in situ 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 |
| 72 | Chemical Preparation of Ferroelectric Mesoporous Barium Titanate Thin Films: Drastic Enhancement of Curie Temperature Induced by Mesoporeâ€Derived Strain. Chemistry - A European Journal, 2014, 20, 11283-11286. | 1.7 | 14 |

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| 73 | Artificial design for new ferroelectrics using nanosheet-architectonics concept. Nanotechnology, 2015, 26, 244001. | 1.3 | 14 |
| 74 | Layer-by-layer engineering of two-dimensional perovskite nanosheets for tailored microwave dielectrics. Applied Physics Express, 2017, 10, 091501. | 1.1 | 14 |
| 75 | Tunable Chemical Coupling in Two-Dimensional van der Waals Electrostatic Heterostructures. ACS Nano, 2019, 13, 11214-11223. | 7.3 | 13 |
| 76 | X-ray nanospectroscopic characterization of a molecularly thin ferromagnetic Ti1â^'xCoxO2 nanosheet. Applied Physics Letters, 2008, 93, 093112. | 1.5 | 12 |
| 77 | Realization of graphene field-effect transistor with high-Î° HCa2Nb3O10 nanoflake as top-gate dielectric. Applied Physics Letters, 2013, 103, . | 1.5 | 12 |
| 78 | Scalable Design of Twoâ€Dimensional Oxide Nanosheets for Construction of Ultrathin Multilayer Nanocapacitor. Small, 2020, 16, 2003485. | 5.2 | 12 |
| 79 | Rational Assembly of Two-Dimensional Perovskite Nanosheets as Building Blocks for New Ferroelectrics. ACS Applied Materials & Interfaces, 2021, 13, 1783-1790. | 4.0 | 12 |
| 80 | 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 |
| 81 | Solution-Based Fabrication of Perovskite Multilayers and Superlattices Using Nanosheet Process. Japanese Journal of Applied Physics, 2011, 50, 09NA10. | 0.8 | 12 |
| 82 | Enhanced dielectric response induced by controlled morphology in rutile TiO<sub>2</sub> nanocrystals. Journal of the Ceramic Society of Japan, 2013, 121, 593-597. | 0.5 | 11 |
| 83 | 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 |
| 84 | Synthesis of NaMoO3F and Na5W3O9F5 with Morphological Controllability in Non-Aqueous Solvents. Inorganic Chemistry, 2020, 59, 10707-10716. | 1.9 | 11 |
| 85 | Hydration of Sodium Cobalt Oxide. Chemistry of Materials, 2007, 19, 6073-6076. | 3.2 | 10 |
| 86 | Crystallization of tungstenbronze-type Ba2NaNb5O15 in high-Nb2O5-content glass: An inelastic light scattering study. Journal of Applied Physics, 2010, 108, 103519. | 1.1 | 10 |
| 87 | Observation of ferroelectric domains in bismuth-layer-structured ferroelectrics using Raman spectroscopy. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2005, 120, 95-99. | 1.7 | 9 |
| 88 | Solution-Based Fabrication of High-Î° Dielectric Nanofilms Using Titania Nanosheets as a Building Block. Japanese Journal of Applied Physics, 2007, 46, 6979. | 0.8 | 9 |
| 89 | Formation of spherulite and metastable phase in stoichiometric Ba2Si3O8 glass. Journal of the Ceramic Society of Japan, 2010, 118, 955-958. | 0.5 | 9 |
| 90 | 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 |

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| 91 | Successive phase transformation in stoichiometric glassy Li2Ge4O9: Isothermal and nonisothermal study. Journal of Applied Physics, 2013, 114, . | 1.1 | 9 |
| 92 | Single crystal-like selection rules for unipolar-axis oriented tetragonal Pb(Zr,Ti)O3 thick epitaxial films. Applied Physics Letters, 2010, 97, 111901. | 1.5 | 8 |
| 93 | Soft-phonon mode observation in Li2Ge4O9 phase above room temperature. Applied Physics Letters, 2012, 100, 091902. | 1.5 | 8 |
| 94 | High-temperature dielectric responses of molecularly-thin titania nanosheet. Journal of the Ceramic Society of Japan, 2015, 123, 335-339. | 0.5 | 8 |
| 95 | Thermally stable dielectric responses in uniaxially (001)-oriented CaBi4Ti4O15 nanofilms grown on a Ca2Nb3O10â˜’ nanosheet seed layer. Scientific Reports, 2016, 6, 20713. | 1.6 | 8 |
| 96 | High-temperature dielectric responses in all-nanosheet capacitors. Japanese Journal of Applied Physics, 2017, 56, 06GH09. | 0.8 | 8 |
| 97 | Crystallization and Morphology of Glassy Sanbornite. Key Engineering Materials, 0, 485, 301-304. | 0.4 | 7 |
| 98 | Oriented Film Growth of Ba<sub>1â€“x</sub>Sr<sub>x</sub>TiO<sub>3</sub> Dielectrics on Glass Substrates Using 2D Nanosheet Seed Layer. ACS Applied Materials & Interfaces, 2013, 5, 4592-4596. | 4.0 | 7 |
| 99 | Oxygen vacancies in PbTiO<sub>3</sub> thin films probed by resonant Raman spectroscopy. Journal of the Ceramic Society of Japan, 2013, 121, 598-601. | 0.5 | 7 |
| 100 | Advanced capacitor technology based on two-dimensional nanosheets. Japanese Journal of Applied Physics, 2016, 55, 1102A3. | 0.8 | 7 |
| 101 | Enhanced oxide-ion conductivity of solid-state electrolyte mesocrystals. Nanoscale, 2019, 11, 4523-4530. | 2.8 | 7 |
| 102 | Resonant two-phonon Raman scattering as a probe of hole crystal formation inSr14âˆ’xCaxCu24O41. Physical Review B, 2006, 74, . | 1.1 | 6 |
| 103 | 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 | 6 |
| 104 | Solution-Based Fabrication of Perovskite Multilayers and Superlattices Using Nanosheet Process. Japanese Journal of Applied Physics, 2011, 50, 09NA10. | 0.8 | 6 |
| 105 | Origin of thermally stable ferroelectricity in a porous barium titanate thin film synthesized through block copolymer templating. APL Materials, 2017, 5, . | 2.2 | 6 |
| 106 | Chemical Synthesis of Porous Barium Titanate Thin Film and Thermal Stabilization of Ferroelectric Phase by Porosity-Induced Strain. Journal of Visualized Experiments, 2018, , . | 0.2 | 6 |
| 107 | (Invited) New Dielectric Nanomaterials Fabricated from Nanosheet Technique. ECS Transactions, 2012, 45, 3-8. | 0.3 | 5 |
| 108 | Investigation of PbTiO<sub>3</sub> 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 |

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| 109 | Self-Sensitization and Photo-Polymerization of Diacetylene Molecules Self-Assembled on a Hexagonal-Boron Nitride Nanosheet. Polymers, 2018, 10, 206. | 2.0 | 5 |
| 110 | Impacts of intrinsic defects on luminescence properties of CuAlS2. Applied Physics Letters, 2006, 89, 221117. | 1.5 | 4 |
| 111 | Low-frequency inelastic light scattering of zincogermanate glass in supercooledliquid regime. Journal of Applied Physics, 2011, 109, 126105. | 1.1 | 4 |
| 112 | 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 |
| 113 | NANOCRYSTALLIZATION AND OPTICAL PROPERTY OF WILLEMITE-TYPE SEMICONDUCTIVE Zn2GeO4 IN GLASS. Functional Materials Letters, 2012, 05, 1260008. | 0.7 | 4 |
| 114 | Spectroscopically and thermometrically observed boson peaks in oxide glass system. Japanese Journal of Applied Physics, 2015, 54, 088003. | 0.8 | 4 |
| 115 | Synthesis of green emission upconversion phosphor nanosheets (LaNb2O7) doped with Er3+ and Yb3+. Journal of Luminescence, 2016, 173, 130-134. | 1.5 | 3 |
| 116 | Magneto-Optical Effects in Superlattice Assemblies of Ferromagnetic Nanosheets. Key Engineering Materials, 2007, 350, 15-18. | 0.4 | 2 |
| 117 | Polarized Raman Study for Epitaxial PZT Thick Film with the Mixture Orientation of (100)/(001). Key Engineering Materials, 0, 421-422, 99-102. | 0.4 | 2 |
| 118 | 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 |
| 119 | Chemical Nanomanipulation of Two-Dimensional Nanosheets and Its Applications. , 0, , . | | 2 |
| 120 | Fabrication and Properties of Microcapacitors with a One-nanometer-thick Single Ti0.87O2 Nanosheet. Chemistry Letters, 2014, 43, 307-309. | 0.7 | 2 |
| 121 | Facile titania nanocoating using single droplet assembly of 2D nanosheets. Journal of the Ceramic Society of Japan, 2021, 129, 359-364. | 0.5 | 2 |
| 122 | Nanoscale Characterization of Domain Structures in Bi4Ti3O12Single Crystals Using Near-Field Raman Spectroscopy. Japanese Journal of Applied Physics, 2011, 50, 09NE10. | 0.8 | 2 |
| 123 | Antiferromagnetic Ordering Coupled with Phonon Mode Anomalies in Rare-Earth Cuprate NdCu2O4, Probed by Nuclear Quadrupole Resonance and Raman Spectroscopy. Journal of the Physical Society of Japan, 2005, 74, 2076-2081. | 0.7 | 1 |
| 124 | Nanoâ€Materials Design for Highâ€T<sub>C</sub> Ferromagnets of <scp><scp>Ti<sub>1â€x</sub>Co<sub>x</sub>O<sub>2</sub></scp></scp> Nanosheets. International Journal of Applied Ceramic Technology, 2012, 9, 936-941. | 1.1 | 1 |
| 125 | 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 |
| 126 | Transmission electron microscopy and in situ Raman studies of glassy sanbornite: An insight into nucleation trend and its relation to structural variation. , 0, . | | 1 |

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| 127 | New Perovskite Nanomaterials and Their Integrations into High-k Dielectrics. Additional Conferences (Device Packaging HiTEC HiTEN & CICMT), 2011, 2011, 000072-000077. | 0.2 | 1 |
| 128 | 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 |
| 129 | The Effect of Varying Ca-Content on the Structure of High-T<sub>c</sub> Superconductor (Ca<sub>x</sub>La<sub>1-x</sub>)(Ba<sub>1.75-x</sub>La<sub>0.25+x</sub>)Cu<su& (x = 0.5, 0.6, and 0.8) Studied by Neutron Powder Diffraction. Materials Science Forum, 2004, 443-444, 361-364. | 0.3 | 0 |
| 130 | Phase Control in High-Temperature Superconductors and Novel Fabrication Procedure for Superconducting Components. Key Engineering Materials, 2004, 269, 91-94. | 0.4 | 0 |
| 131 | Self Assemble Synthesis of Potassium Niobate at Room Temperature. Key Engineering Materials, 2006, 320, 7-10. | 0.4 | 0 |
| 132 | Photoconducting Properties in Oxygen-Deficient Bi<sub>4</sub>Ti<sub>3</sub>O<sub>12</sub>. Key Engineering Materials, 2006, 301, 7-10. | 0.4 | 0 |
| 133 | Exciton-Phonon Interaction in CuAlS<sub>2</sub> Powders. Advanced Materials Research, 2006, 11-12, 175-178. | 0.3 | 0 |
| 134 | Photoinduced Nanodots in Bi<sub>2</sub>Sr<sub>2</sub>CaCu<sub>2</sub>O<sub>8+d</sub>. Key Engineering Materials, 2006, 320, 167-170. | 0.4 | 0 |
| 135 | Synthesis of Complex Perovskite Oxides via Nanosheets Process. Key Engineering Materials, 2007, 350, 55-58. | 0.4 | 0 |
| 136 | Ferromagnetic Properties in Co-Substituted Titania Nanosheets. Key Engineering Materials, 2008, 388, 119-122. | 0.4 | 0 |
| 137 | Investigation of Oxygen Vacancies in Micro-Patterned PZT Thin Films Using Raman Spectroscopy. Key Engineering Materials, 2009, 421-422, 135-138. | 0.4 | 0 |
| 138 | Focus on innovation in ceramics research in East Asia. Science and Technology of Advanced Materials, 2010, 11, 040301. | 2.8 | 0 |
| 139 | Low-Frequency Inelastic Light Scattering of Glassy Ba<sub>2</sub>TiGe<sub>2</sub>O<sub>8</sub> during Heating Process. Key Engineering Materials, 0, 445, 225-228. | 0.4 | 0 |
| 140 | Fabrication of Artificial Superlattices Using Perovskite Nanosheets. Key Engineering Materials, 2011, 485, 321-324. | 0.4 | 0 |
| 141 | Self-assembly of oxide nanosheets: precise structural control and its applications. , 2012, , 618-620. | | 0 |
| 142 | Crystallization of Tungstenbronze Phase and its Inelastic Light Scattering in Niobiophosphate-System Glass. Key Engineering Materials, 0, 566, 306-309. | 0.4 | 0 |
| 143 | Nanosheet-Based Electronics. Nanostructure Science and Technology, 2017, , 347-356. | 0.1 | 0 |
| 144 | Self-Assembly of Oxide Nanosheets: Precise Structural Control and Its Applications. , 2018, , 797-799. | | 0 |

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|---|---|---|---|
| 145 | Atomic Layer Technology Based on 2D Inorganic Nanosheets. Materia Japan, 2021, 60, 628-633. | 0.1 | 0 |
| 146 | Structures and Physical Properties in Oxide Nanosheets. Nihon Kessho Gakkaishi, 2012, 54, 352-358. | 0.0 | 0 |
| 147 | Nanosheet Coating Process. Yosetsu Gakkai Shi/Journal of the Japan Welding Society, 2014, 83, 95-99. | 0.0 | 0 |
| 148 | Controlled Assembly of Inorganic Nanosheets and Its Application to High-Performance Metamaterials. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2019, 70, 355-358. | 0.1 | 0 |