

Tsuyoshi Ohnishi

List of Publications by Year in descending order

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140
papers

5,326
citations

66343

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69
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142
all docs

142
docs citations

142
times ranked

5506
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Sputter-Deposited Amorphous Li ₃ PO ₄ Solid Electrolyte Films. ACS Omega, 2022, 7, 21199-21206. | 3.5 | 7 |
| 2 | Instrumentation for tracking electrochemical reactions by x-ray photoelectron spectroscopy under conventional vacuum conditions. Journal of Physics Communications, 2021, 5, 015001. | 1.2 | 4 |
| 3 | Study of oxygen diffusion in dense lanthanum oxide ceramics. Journal of the Ceramic Society of Japan, 2021, 129, 79-82. | 1.1 | 0 |
| 4 | In Situ X-ray Diffraction of LiCoO ₂ in Thin-Film Batteries under High-Voltage Charging. ACS Applied Energy Materials, 2021, 4, 14372-14379. | 5.1 | 11 |
| 5 | Lithiation/delithiation of a Silicon Thin Film Electrode for All-Solid-State Batteries Using Operando X-ray Photoelectron Spectroscopy Apparatus. Vacuum and Surface Science, 2021, 64, 552-555. | 0.1 | 0 |
| 6 | High-Rate Capability of LiCoO ₂ Cathodes. ACS Applied Energy Materials, 2020, 3, 11803-11810. | 5.1 | 15 |
| 7 | <i>In Situ</i> Observation of Lithiation and Delithiation Reactions of a Silicon Thin Film Electrode for All-Solid-State Lithium-Ion Batteries by X-ray Photoelectron Spectroscopy. Journal of Physical Chemistry Letters, 2020, 11, 6649-6654. | 4.6 | 29 |
| 8 | In Situ X-Ray Photoelectron Spectroscopy for All-Solid-State Batteries: Analysis of Lithiation and Delithiation Reactions of Silicon Thin-Film Electrode. ECS Meeting Abstracts, 2020, MA2020-02, 992-992. | 0.0 | 0 |
| 9 | (Invited) Epitaxial Thin Films of Solid-State Battery Material. ECS Meeting Abstracts, 2020, MA2020-02, 2548-2548. | 0.0 | 0 |
| 10 | Accurate determination of strains at layered materials by selected area electron diffraction mapping. Japanese Journal of Applied Physics, 2019, 58, S11A03. | 1.5 | 1 |
| 11 | Growth of InGaN films on hardness-controlled bulk GaN substrates. Applied Physics Letters, 2019, 115, 172102. | 3.3 | 1 |
| 12 | Anode Properties of Si Nanoparticles in All-Solid-State Li Batteries. ACS Applied Energy Materials, 2019, 2, 7005-7008. | 5.1 | 40 |
| 13 | Novel electron microscopy method for accurate measurements of the lattice constant changes in layered structures. Journal of Surface Analysis (Online), 2019, 26, 190-191. | 0.1 | 0 |
| 14 | Research Development of All Solid-state Battery by Using Thin Film Technology. Materia Japan, 2019, 58, 311-319. | 0.1 | 0 |
| 15 | Positive and Negative Aspects of Interfaces in Solid-State Batteries. ACS Energy Letters, 2018, 3, 98-103. | 17.4 | 93 |
| 16 | Two-dimensional Gaussian fitting for precise measurement of lattice constant deviation from a selected-area diffraction map. Microscopy (Oxford, England), 2018, 67, i142-i149. | 1.5 | 6 |
| 17 | Porous amorphous silicon film anodes for high-capacity and stable all-solid-state lithium batteries. Communications Chemistry, 2018, 1, . | 4.5 | 109 |
| 18 | Electron microscopy and ultraviolet photoemission spectroscopy studies of native oxides on GaN(0001). Japanese Journal of Applied Physics, 2018, 57, 098003. | 1.5 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Low-energy ion scattering spectroscopy and reflection high-energy electron diffraction of native oxides on GaN(0001). Japanese Journal of Applied Physics, 2017, 56, 128004. | 1.5 | 16 |
| 20 | Epitaxial growth of LiCoO ₂ thin films with (001) orientation. AIP Advances, 2017, 7, . | 1.3 | 13 |
| 21 | Synthesis of High Quality Complex Oxide Thin Films by Pulsed Laser Deposition. Hyomen Kagaku, 2017, 38, 216-221. | 0.0 | 0 |
| 22 | Orientation alignment of epitaxial LiCoO ₂ thin films on vicinal SrTiO ₃ (100) substrates. Journal of Power Sources, 2016, 325, 306-310. | 7.8 | 9 |
| 23 | Anode properties of silicon-rich amorphous silicon suboxide films in all-solid-state lithium batteries. Journal of Power Sources, 2016, 329, 41-49. | 7.8 | 47 |
| 24 | Influences of high deposition rate on LiCoO ₂ epitaxial films prepared by pulsed laser deposition. Solid State Ionics, 2016, 285, 91-95. | 2.7 | 16 |
| 25 | Epitaxy of Li ₃ La _{2/3} TiO ₃ Films and the Influence of La Ordering on Li-Ion Conduction. Chemistry of Materials, 2015, 27, 1233-1241. | 6.7 | 30 |
| 26 | Transparent cubic garnet-type solid electrolyte of Al ₂ O ₃ -doped Li ₇ La ₃ Zr ₂ O ₁₂ . Solid State Ionics, 2015, 278, 172-176. | 2.7 | 151 |
| 27 | High Electron Mobility of Nb-Doped SrTiO ₃ Films Stemming from Rod-Type Sr Vacancy Clusters. ACS Nano, 2015, 9, 10769-10777. | 14.6 | 43 |
| 28 | Composition controlled LiCoO ₂ epitaxial thin film growth by pulsed laser deposition. , 2015, , . | | 2 |
| 29 | Synthesis of LiCoO ₂ epitaxial thin films using a sol-gel method. Journal of Power Sources, 2015, 274, 417-423. | 7.8 | 32 |
| 30 | Development of microscopy for lithium analysis using medium-energy ion-stimulated desorption. Applied Physics Express, 2014, 7, 106601. | 2.4 | 2 |
| 31 | High performance silicon-based anodes in solid-state lithium batteries. Energy and Environmental Science, 2014, 7, 662-666. | 30.8 | 84 |
| 32 | Crystal orientation of epitaxial LiCoO ₂ films grown on SrTiO ₃ substrates. Journal of Power Sources, 2014, 247, 687-691. | 7.8 | 38 |
| 33 | Versatile van der Waals epitaxy-like growth of crystal films using two-dimensional nanosheets as a seed layer: orientation tuning of SrTiO ₃ films along three important axes on glass substrates. Journal of Materials Chemistry C, 2014, 2, 441-449. | 5.5 | 58 |
| 34 | An amorphous Si film anode for all-solid-state lithium batteries. Journal of Power Sources, 2014, 272, 541-545. | 7.8 | 78 |
| 35 | Silicon nitride thin film electrode for lithium-ion batteries. Journal of Power Sources, 2013, 231, 186-189. | 7.8 | 35 |
| 36 | Oriented Film Growth of Ba ₁ SrTiO ₃ Dielectrics on Glass Substrates Using 2D Nanosheet Seed Layer. ACS Applied Materials & Interfaces, 2013, 5, 4592-4596. | 8.0 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Nazca Lines by La ordering in $\text{La}_{2/3}\text{Li}_{1/3}\text{TiO}_3$ ion-conductive perovskite. Applied Physics Letters, 2012, 101, 073903. | 3.3 | 8 |
| 38 | Development of a new laser heating system for thin film growth by chemical vapor deposition. Review of Scientific Instruments, 2012, 83, 094701. | 1.3 | 8 |
| 39 | High-Rate Growth of High-Crystallinity LiCoO_2 Epitaxial Thin Films by Pulsed Laser Deposition. Applied Physics Express, 2012, 5, 055502. | 2.4 | 34 |
| 40 | Interfacial phenomena in solid-state lithium battery with sulfide solid electrolyte. Solid State Ionics, 2012, 225, 594-597. | 2.7 | 161 |
| 41 | Synthesis and orientation control of Li-ion conducting epitaxial $\text{Li}_{0.33}\text{La}_{0.56}\text{TiO}_3$ solid electrolyte thin films by pulsed laser deposition. Solid State Ionics, 2012, 228, 80-82. | 2.7 | 31 |
| 42 | Tantalum oxide nanomesh as self-standing one nanometre thick electrolyte. Energy and Environmental Science, 2011, 4, 3509. | 30.8 | 64 |
| 43 | Self-Organized Core-Shell Structure for High-Power Electrode in Solid-State Lithium Batteries. Chemistry of Materials, 2011, 23, 3798-3804. | 6.7 | 63 |
| 44 | Cation off-stoichiometric SrMnO_3 thin film grown by pulsed laser deposition. Journal of Materials Science, 2011, 46, 4354-4360. | 3.7 | 21 |
| 45 | Polarity of heavily doped ZnO films grown on sapphire and SiO_2 glass substrates by pulsed laser deposition. Thin Solid Films, 2011, 519, 5875-5881. | 1.8 | 29 |
| 46 | Polarity replication across m-plane GaN/ZnO interfaces. Applied Physics Letters, 2011, 99, 181910. | 3.3 | 4 |
| 47 | Growth of Ruddlesden-Popper type faults in Sr-excess SrTiO_3 homoepitaxial thin films by pulsed laser deposition. Applied Physics Letters, 2011, 99, . | 3.3 | 35 |
| 48 | Strontium vacancy clustering in Ti-excess SrTiO_3 thin film. Applied Physics Letters, 2011, 99, . | 3.3 | 35 |
| 49 | Epitaxial Thin-Film Growth of SrRuO_3 , $\text{Sr}_3\text{Ru}_2\text{O}_7$, and Sr_2RuO_4 from a SrRuO_3 Target by Pulsed Laser Deposition. Applied Physics Express, 2011, 4, 025501. | 2.4 | 45 |
| 50 | Lithium silicon sulfide as an anode material in all-solid-state lithium batteries. Journal of Power Sources, 2010, 195, 3323-3327. | 7.8 | 22 |
| 51 | Device size dependence of resistance switching performance in metal/manganite/metal trilayers. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 173, 3-6. | 3.5 | 1 |
| 52 | Analysis of polar direction of AlN grown on (0001) sapphire and 6H-SiC substrates by high-temperature metal-organic vapor phase epitaxy using coaxial impact collision ion scattering spectroscopy. Physica Status Solidi C: Current Topics in Solid State Physics, 2010, 7, 2365-2367. | 0.8 | 3 |
| 53 | Quality control of epitaxial LiCoO_2 thin films grown by pulsed laser deposition. Journal of Materials Research, 2010, 25, 1886-1889. | 2.6 | 43 |
| 54 | Fabrication of Anatase Thin Film with Perfect $\langle 100 \rangle$ -Axis Orientation on Glass Substrate Promoted by a Two-Dimensional Perovskite Nanosheet Seed Layer. Crystal Growth and Design, 2010, 10, 3787-3793. | 3.0 | 25 |

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|----|---|------|-----------|
| 55 | Well-Controlled Crystal Growth of Zinc Oxide Films on Plastics at Room Temperature Using 2D Nanosheet Seed Layer. <i>Journal of Physical Chemistry C</i> , 2009, 113, 19096-19101. | 3.1 | 28 |
| 56 | Composition-spread thin films of pentacene and 6,13-pentacenequinone fabricated by using continuous-wave laser molecular beam epitaxy. <i>Applied Surface Science</i> , 2008, 254, 2336-2341. | 6.1 | 12 |
| 57 | Field-induced resistance switching at metal/perovskite manganese oxide interface. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2008, 148, 13-15. | 3.5 | 5 |
| 58 | Modification of reflection high-energy electron diffraction system for in situ monitoring of oxide epitaxy at high oxygen pressure. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2008, 148, 16-18. | 3.5 | 3 |
| 59 | Trap-controlled space-charge-limited current mechanism in resistance switching at $\text{Al}^{\wedge}\text{Pr}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ interface. <i>Applied Physics Letters</i> , 2008, 92, . | 3.3 | 106 |
| 60 | Defects and transport in complex oxide thin films. <i>Journal of Applied Physics</i> , 2008, 103, . | 2.5 | 289 |
| 61 | Epitaxial growth and surface metallic nature of LaNiO_3 thin films. <i>Applied Physics Letters</i> , 2008, 92, . | 3.3 | 52 |
| 62 | Molecular Layer-by-Layer Growth of C_{60} Thin Films by Continuous-Wave Infrared Laser Deposition. <i>Applied Physics Express</i> , 2008, 1, 015005. | 2.4 | 39 |
| 63 | Change in polarity of zinc oxide films grown on sapphire substrates without insertion of any buffer layer. <i>Journal of Materials Research</i> , 2008, 23, 3269-3272. | 2.6 | 29 |
| 64 | Observation of SrTiO_3 in-gap states by depletion mode field effect. <i>Applied Physics Letters</i> , 2008, 92, . | 3.3 | 8 |
| 65 | Pulsed laser ablation and deposition of complex oxides. <i>Journal of Physics: Conference Series</i> , 2007, 59, 514-519. | 0.4 | 14 |
| 66 | Metallic conductivity at the $\text{CaHfO}_3^{\wedge}\text{SrTiO}_3$ interface. <i>Applied Physics Letters</i> , 2007, 91, . | 3.3 | 44 |
| 67 | Metal-insulator transition in SrTiO_3 induced by field effect. <i>Journal of Applied Physics</i> , 2007, 102, 083713. | 2.5 | 19 |
| 68 | Crystallinity and Polarity of Indium Nitride Films Grown on the c-face of Zinc Oxide. <i>Journal of the Ceramic Society of Japan</i> , 2007, 115, 414-418. | 1.3 | 3 |
| 69 | Fabrication of SrTiO_3 Field Effect Transistors with SrTiO_3 - $\hat{\text{r}}$ Source and Drain Electrodes. <i>Japanese Journal of Applied Physics</i> , 2007, 46, L515-L518. | 1.5 | 18 |
| 70 | High-Throughput Characterization of Metal Electrode Performance for Electric-Field-Induced Resistance Switching in Metal/ $\text{Pr}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ /Metal Structures. <i>Advanced Materials</i> , 2007, 19, 1711-1713. | 21.0 | 88 |
| 71 | In situ angle-resolved photoemission study of half-metallic thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 1030-1032. | 2.3 | 0 |
| 72 | RHEED Intensity Oscillation during Oxide Thin Film Growth. <i>Hyomen Kagaku</i> , 2007, 28, 223-226. | 0.0 | 1 |

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|----|--|------|-----------|
| 73 | Band structure and Fermi surface of La _{0.6} Sr _{0.4} MnO ₃ thin films studied by in situ angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2006, 73, . | 3.2 | 46 |
| 74 | In situ resonant photoemission characterization of La _{0.6} Sr _{0.4} MnO ₃ layers buried in insulating perovskite oxides. <i>Journal of Applied Physics</i> , 2006, 99, 08S903. | 2.5 | 5 |
| 75 | N-polarity GaN on sapphire substrate grown by MOVPE. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 1446-1450. | 1.5 | 58 |
| 76 | Local switching of two-dimensional superconductivity using the ferroelectric field effect. <i>Nature</i> , 2006, 441, 195-198. | 27.8 | 94 |
| 77 | Pulsed laser deposition of oxide thin films. <i>Applied Surface Science</i> , 2006, 252, 2466-2471. | 6.1 | 53 |
| 78 | XML-based data management system for combinatorial solid-state materials science. <i>Applied Surface Science</i> , 2006, 252, 2634-2639. | 6.1 | 5 |
| 79 | An in situ transport measurement of interfaces between SrTiO ₃ (100) surface and an amorphous wide-gap insulator. <i>Applied Surface Science</i> , 2006, 252, 8147-8150. | 6.1 | 5 |
| 80 | Sulfur passivation of Ge (001) surfaces and its effects on Schottky barrier contact. <i>Materials Science in Semiconductor Processing</i> , 2006, 9, 706-710. | 4.0 | 46 |
| 81 | Growth and Characterization of Epitaxial DyScO ₃ Films on SrTiO ₃ . <i>Japanese Journal of Applied Physics</i> , 2006, 45, L830-L832. | 1.5 | 5 |
| 82 | Ferromagnetism stabilization of ultrathin SrRuO ₃ films: Thickness-dependent physical properties. <i>Journal of Applied Physics</i> , 2006, 99, 08N505. | 2.5 | 27 |
| 83 | Robust Ti ⁴⁺ states in SrTiO ₃ layers of La _{0.6} Sr _{0.4} MnO ₃ /SrTiO ₃ /La _{0.6} Sr _{0.4} MnO ₃ junctions. <i>Applied Physics Letters</i> , 2006, 88, 192504. | 3.3 | 29 |
| 84 | Field-effect modulation of the transport properties of nondoped SrTiO ₃ . <i>Applied Physics Letters</i> , 2006, 88, 212116. | 3.3 | 38 |
| 85 | Strain-driven domain structure control and ferroelectric properties of BaTiO ₃ thin films. <i>Thin Solid Films</i> , 2005, 486, 158-161. | 1.8 | 8 |
| 86 | Transport properties of ultrathin oxide films and nanostructures. <i>Thin Solid Films</i> , 2005, 486, 63-66. | 1.8 | 1 |
| 87 | The effect of annealing on SrTiO ₃ field-effect transistor devices. <i>Thin Solid Films</i> , 2005, 486, 195-199. | 1.8 | 7 |
| 88 | In situ angle-resolved photoemission study on La _{1-x} Sr _x MnO ₃ thin films grown by laser MBE. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 511-514. | 1.7 | 2 |
| 89 | Spectral evidence for inherent "dead layer" formation at La _{1-y} Sr _y FeO ₃ /La _{1-x} Sr _x MnO ₃ heterointerface. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 479-481. | 1.7 | 8 |
| 90 | Sr surface segregation and water cleaning for atomically controlled SrTiO ₃ (001) substrates studied by photoemission spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 443-446. | 1.7 | 12 |

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| 91 | Thickness-dependent electronic structure of ultrathin SrRuO ₃ films studied by in situ photoemission spectroscopy. Applied Physics Letters, 2005, 87, 162508. | 3.3 | 123 |
| 92 | High throughput oxide lattice engineering by parallel laser molecular-beam epitaxy and concurrent x-ray diffraction. Review of Scientific Instruments, 2005, 76, 062218. | 1.3 | 11 |
| 93 | On-line Data Management for High-throughput Experimentation. Materials Research Society Symposia Proceedings, 2005, 894, 1. | 0.1 | 1 |
| 94 | Elements of informatics for combinatorial solid-state materials science. Measurement Science and Technology, 2005, 16, 309-316. | 2.6 | 14 |
| 95 | Improved stoichiometry and misfit control in perovskite thin film formation at a critical fluence by pulsed laser deposition. Applied Physics Letters, 2005, 87, 241919. | 3.3 | 226 |
| 96 | Combinatorial Synthesis of Transition Metal Oxide Superlattices. Hyomen Kagaku, 2004, 25, 672-677. | 0.0 | 0 |
| 97 | Magnetic Properties of Strain-Controlled SrRuO ₃ Thin Films. Japanese Journal of Applied Physics, 2004, 43, L227-L229. | 1.5 | 43 |
| 98 | Inherent charge transfer layer formation at La _{0.6} Sr _{0.4} FeO ₃ •La _{0.6} Sr _{0.4} MnO ₃ heterointerface. Applied Physics Letters, 2004, 84, 5353-5355. | 3.3 | 43 |
| 99 | Preparation of thermally stable TiO ₂ -terminated SrTiO ₃ (100) substrate surfaces. Applied Physics Letters, 2004, 85, 272-274. | 3.3 | 116 |
| 100 | Single crystal SrTiO ₃ field-effect transistor with an atomically flat amorphous CaHfO ₃ gate insulator. Applied Physics Letters, 2004, 85, 425-427. | 3.3 | 54 |
| 101 | High-resolution synchrotron-radiation photoemission characterization for atomically-controlled SrTiO ₃ (001) substrate surfaces subjected to various surface treatments. Journal of Applied Physics, 2004, 96, 7183-7188. | 2.5 | 45 |
| 102 | Domain structure of epitaxial CaHfO ₃ gate insulator films on SrTiO ₃ . Applied Physics Letters, 2004, 84, 2142-2144. | 3.3 | 34 |
| 103 | High Rate in situ YBa ₂ Cu ₃ O ₇ Film Growth Assisted by Liquid Phase. Journal of Materials Research, 2004, 19, 977-981. | 2.6 | 26 |
| 104 | In situ photoemission spectroscopic study on La _{1-x} Sr _x MnO ₃ thin films grown by combinatorial laser-MBE. Journal of Electron Spectroscopy and Related Phenomena, 2004, 136, 31-36. | 1.7 | 12 |
| 105 | Metallic LaTiO ₃ / SrTiO ₃ Superlattice Films on the SrTiO ₃ (100) Surface. Japanese Journal of Applied Physics, 2004, 43, L1178-L1180. | 1.5 | 42 |
| 106 | Electrostatic modulation of the electronic properties of Nb-doped SrTiO ₃ superconducting films. Applied Physics Letters, 2004, 84, 1722-1724. | 3.3 | 37 |
| 107 | Growth and structure of wide-gap insulator films on SrTiO ₃ . Solid-State Electronics, 2003, 47, 2211-2214. | 1.4 | 6 |
| 108 | Thickness dependence of critical currents and depth profiling of transport properties in high rate in-situ grown YBa/sub 2/Cu/sub 3/O/sub 7-x/ films. IEEE Transactions on Applied Superconductivity, 2003, 13, 2817-2820. | 1.7 | 4 |

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|-----|--|-----|-----------|
| 109 | Epitaxial Growth and Polarity of ZnO Films on Sapphire (0001) Substrates by Low-Pressure Metal Organic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2003, 42, 2291-2295. | 1.5 | 34 |
| 110 | In-Plane Orientation and Polarity of ZnO Epitaxial Films on As-Polished Sapphire ($\bar{1}\pm\text{Al}_2\text{O}_3$) (0001) Substrates Grown by Metal Organic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2003, 42, L264-L266. | 1.5 | 14 |
| 111 | In situ growth of superconducting MgB ₂ thin films with preferential orientation by molecular-beam epitaxy. Applied Physics Letters, 2002, 80, 3563-3565. | 3.3 | 109 |
| 112 | Continuous mapping of structure-property relations in Fe _{1-x} Ni _x metallic alloys fabricated by combinatorial synthesis. Intermetallics, 2001, 9, 541-545. | 3.9 | 40 |
| 113 | Thin Film Superconducting MgB ₂ Grown by MBE without Post-Anneal. Materials Research Society Symposia Proceedings, 2001, 689, 1. | 0.1 | 0 |
| 114 | Thermodynamic stability and kinetics of YBaCuO film growth at high rates in atomic and molecular oxygen. Journal of Crystal Growth, 2001, 225, 183-189. | 1.5 | 19 |
| 115 | In situ high rate growth of high temperature superconductor tapes. IEEE Transactions on Applied Superconductivity, 2001, 11, 3375-3378. | 1.7 | 12 |
| 116 | Concurrent x-ray diffractometer for high throughput structural diagnosis of epitaxial thin films. Applied Physics Letters, 2001, 79, 3594-3596. | 3.3 | 55 |
| 117 | Parallel integration and characterization of nanoscaled epitaxial lattices by concurrent molecular layer epitaxy and diffractometry. Applied Physics Letters, 2001, 79, 536-538. | 3.3 | 58 |
| 118 | Convergent-beam parallel detection x-ray diffraction system for characterizing combinatorial epitaxial thin films. , 2000, 3941, 84. | | 13 |
| 119 | Investigation of ZnO/sapphire interface and formation of ZnO nanocrystalline by laser MBE. Applied Surface Science, 2000, 159-160, 514-519. | 6.1 | 59 |
| 120 | Surface and Interface of Double Oxides. Characterization and Application of the Ultrasmooth Surface Nanostructure of Metal Oxides.. Hyomen Kagaku, 2000, 21, 71-80. | 0.0 | 0 |
| 121 | Analysis of the polar direction of GaN film growth by coaxial impact collision ion scattering spectroscopy. Applied Physics Letters, 1999, 75, 674-676. | 3.3 | 110 |
| 122 | A-site layer terminated perovskite substrate: NdGaO ₃ . Applied Physics Letters, 1999, 74, 2531-2533. | 3.3 | 116 |
| 123 | Parallel fabrication of artificially designed superlattices by combinatorial laser MBE. Applied Physics A: Materials Science and Processing, 1999, 69, S29-S31. | 2.3 | 22 |
| 124 | In-plane and polar orientations of ZnO thin films grown on atomically flat sapphire. Surface Science, 1999, 443, L1043-L1048. | 1.9 | 94 |
| 125 | Atom technology for Josephson tunnel junctions: SrTiO ₃ substrate surface. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1998, 56, 111-116. | 3.5 | 20 |
| 126 | Coaxial impact-collision ion scattering spectroscopy analysis of ZnO thin films and single crystals. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1998, 56, 256-262. | 3.5 | 24 |

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|-----|--|-----|-----------|
| 127 | Epitaxial BaTiO ₃ thin films grown in unit-cell layer-by-layer mode by laser molecular beam epitaxy. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1998, 56, 213-217. | 3.5 | 13 |
| 128 | Determination of surface polarity of c-axis oriented ZnO films by coaxial impact-collision ion scattering spectroscopy. <i>Applied Physics Letters</i> , 1998, 72, 824-826. | 3.3 | 145 |
| 129 | In situ determination of the terminating layer of La _{0.7} Sr _{0.3} MnO ₃ thin films using coaxial impact-collision ion scattering spectroscopy. <i>Applied Physics Letters</i> , 1998, 73, 187-189. | 3.3 | 30 |
| 130 | Direct Observation of Helical Polysilane Nanostructures by Atomic Force Microscopy. <i>Japanese Journal of Applied Physics</i> , 1997, 36, L1211-L1213. | 1.5 | 44 |
| 131 | Growth and Characterization of Ferroelectric Pb(Zr,Ti)O ₃ Films on Interface-Controlled CeO ₂ (111)/Si(111) Structures. <i>Japanese Journal of Applied Physics</i> , 1997, 36, 6500-6503. | 1.5 | 9 |
| 132 | Unit cell layer-by-layer heteroepitaxy of BaO thin films at temperatures as low as 200°C. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1997, 15, 2469-2472. | 2.1 | 29 |
| 133 | Self-formed silicon quantum wires on ultrasmooth sapphire substrates. <i>Applied Physics Letters</i> , 1997, 71, 1409-1411. | 3.3 | 18 |
| 134 | Orientation-defined molecular layer epitaxy of λ -Al ₂ O ₃ thin films. <i>Journal of Crystal Growth</i> , 1997, 177, 95-101. | 1.5 | 57 |
| 135 | Atomic scale identification of the terminating structure of compound materials by CAICISS (coaxial) Tj ETQq1 1 0.784314 rgBT /Overl 6.1 | 6.1 | 0 |
| 136 | Fabrication of atomically defined oxide films on Si by laser molecular beam epitaxy. <i>Physica B: Condensed Matter</i> , 1996, 227, 323-325. | 2.7 | 1 |
| 137 | Molecular layer-by-layer growth of SrTiO ₃ and BaTiO ₃ films by laser molecular beam epitaxy. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1996, 41, 134-137. | 3.5 | 12 |
| 138 | Atomic-scale formation of ultrasmooth surfaces on sapphire substrates for high-quality thin-film fabrication. <i>Applied Physics Letters</i> , 1995, 67, 2615-2617. | 3.3 | 378 |
| 139 | Room-Temperature Epitaxial Growth of CeO_2 Thin Films on Si(111) Substrates for Fabrication of Sharp Oxide/Silicon Interface. <i>Japanese Journal of Applied Physics</i> , 1995, 34, L688-L690. | 1.5 | 106 |
| 140 | Hetero-Epitaxial Growth of ZnO Film by Temperature-Modulated Metalorganic Chemical Vapor Deposition. <i>Applied Physics Express</i> , 0, 2, 045502. | 2.4 | 15 |