

# Tsuyoshi Ohnishi

## List of Publications by Year in descending order

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140  
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5,326  
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66315

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142  
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142  
docs citations

142  
times ranked

5506  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sputter-Deposited Amorphous Li <sub>3</sub> PO <sub>4</sub> Solid Electrolyte Films. ACS Omega, 2022, 7, 21199-21206.	1.6	7
2	Instrumentation for tracking electrochemical reactions by x-ray photoelectron spectroscopy under conventional vacuum conditions. Journal of Physics Communications, 2021, 5, 015001.	0.5	4
3	Study of oxygen diffusion in dense lanthanum oxide ceramics. Journal of the Ceramic Society of Japan, 2021, 129, 79-82.	0.5	0
4	In Situ X-ray Diffraction of LiCoO <sub>2</sub> in Thin-Film Batteries under High-Voltage Charging. ACS Applied Energy Materials, 2021, 4, 14372-14379.	2.5	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.	0.0	0
6	High-Rate Capability of LiCoO <sub>2</sub> Cathodes. ACS Applied Energy Materials, 2020, 3, 11803-11810.	2.5	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.	2.1	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.	0.8	1
11	Growth of InGaN films on hardness-controlled bulk GaN substrates. Applied Physics Letters, 2019, 115, 172102.	1.5	1
12	Anode Properties of Si Nanoparticles in All-Solid-State Li Batteries. ACS Applied Energy Materials, 2019, 2, 7005-7008.	2.5	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.	8.8	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.	0.7	6
17	Porous amorphous silicon film anodes for high-capacity and stable all-solid-state lithium batteries. Communications Chemistry, 2018, 1, .	2.0	109
18	Electron microscopy and ultraviolet photoemission spectroscopy studies of native oxides on GaN(0001). Japanese Journal of Applied Physics, 2018, 57, 098003.	0.8	8

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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.	0.8	16
20	Epitaxial growth of LiCoO <sub>2</sub> thin films with (001) orientation. AIP Advances, 2017, 7, .	0.6	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 <sub>2</sub> thin films on vicinal SrTiO <sub>3</sub> (100) substrates. Journal of Power Sources, 2016, 325, 306-310.	4.0	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.	4.0	47
24	Influences of high deposition rate on LiCoO <sub>2</sub> epitaxial films prepared by pulsed laser deposition. Solid State Ionics, 2016, 285, 91-95.	1.3	16
25	Epitaxy of Li <sub>3</sub> La <sub>2/3</sub> TiO <sub>3</sub> Films and the Influence of La Ordering on Li-Ion Conduction. Chemistry of Materials, 2015, 27, 1233-1241.	3.2	30
26	Transparent cubic garnet-type solid electrolyte of Al <sub>2</sub> O <sub>3</sub> -doped Li <sub>7</sub> La <sub>3</sub> Zr <sub>2</sub> O <sub>12</sub> . Solid State Ionics, 2015, 278, 172-176.	1.3	151
27	High Electron Mobility of Nb-Doped SrTiO <sub>3</sub> Films Stemming from Rod-Type Sr Vacancy Clusters. ACS Nano, 2015, 9, 10769-10777.	7.3	43
28	Composition controlled LiCoO <sub>2</sub> epitaxial thin film growth by pulsed laser deposition. , 2015, , .		2
29	Synthesis of LiCoO <sub>2</sub> epitaxial thin films using a sol-gel method. Journal of Power Sources, 2015, 274, 417-423.	4.0	32
30	Development of microscopy for lithium analysis using medium-energy ion-stimulated desorption. Applied Physics Express, 2014, 7, 106601.	1.1	2
31	High performance silicon-based anodes in solid-state lithium batteries. Energy and Environmental Science, 2014, 7, 662-666.	15.6	84
32	Crystal orientation of epitaxial LiCoO <sub>2</sub> films grown on SrTiO <sub>3</sub> substrates. Journal of Power Sources, 2014, 247, 687-691.	4.0	38
33	Versatile van der Waals epitaxy-like growth of crystal films using two-dimensional nanosheets as a seed layer: orientation tuning of SrTiO <sub>3</sub> films along three important axes on glass substrates. Journal of Materials Chemistry C, 2014, 2, 441-449.	2.7	58
34	An amorphous Si film anode for all-solid-state lithium batteries. Journal of Power Sources, 2014, 272, 541-545.	4.0	78
35	Silicon nitride thin film electrode for lithium-ion batteries. Journal of Power Sources, 2013, 231, 186-189.	4.0	35
36	Oriented Film Growth of Ba <sub>1</sub> SrTiO <sub>3</sub> Dielectrics on Glass Substrates Using 2D Nanosheet Seed Layer. ACS Applied Materials & Interfaces, 2013, 5, 4592-4596.	4.0	7

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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.	1.5	8
38	Development of a new laser heating system for thin film growth by chemical vapor deposition. Review of Scientific Instruments, 2012, 83, 094701.	0.6	8
39	High-Rate Growth of High-Crystallinity $\text{LiCoO}_2$ Epitaxial Thin Films by Pulsed Laser Deposition. Applied Physics Express, 2012, 5, 055502.	1.1	34
40	Interfacial phenomena in solid-state lithium battery with sulfide solid electrolyte. Solid State Ionics, 2012, 225, 594-597.	1.3	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.	1.3	31
42	Tantalum oxide nanomesh as self-standing one nanometre thick electrolyte. Energy and Environmental Science, 2011, 4, 3509.	15.6	64
43	Self-Organized Core-Shell Structure for High-Power Electrode in Solid-State Lithium Batteries. Chemistry of Materials, 2011, 23, 3798-3804.	3.2	63
44	Cation off-stoichiometric $\text{SrMnO}_3$ thin film grown by pulsed laser deposition. Journal of Materials Science, 2011, 46, 4354-4360.	1.7	21
45	Polarity of heavily doped ZnO films grown on sapphire and $\text{SiO}_2$ glass substrates by pulsed laser deposition. Thin Solid Films, 2011, 519, 5875-5881.	0.8	29
46	Polarity replication across m-plane GaN/ZnO interfaces. Applied Physics Letters, 2011, 99, 181910.	1.5	4
47	Growth of Ruddlesden-Popper type faults in Sr-excess $\text{SrTiO}_3$ homoepitaxial thin films by pulsed laser deposition. Applied Physics Letters, 2011, 99, .	1.5	35
48	Strontium vacancy clustering in Ti-excess $\text{SrTiO}_3$ thin film. Applied Physics Letters, 2011, 99, .	1.5	35
49	Epitaxial Thin-Film Growth of $\text{SrRuO}_3$ , $\text{Sr}_3\text{Ru}_2\text{O}_7$ , and $\text{Sr}_2\text{RuO}_4$ from a $\text{SrRuO}_3$ Target by Pulsed Laser Deposition. Applied Physics Express, 2011, 4, 025501.	1.1	45
50	Lithium silicon sulfide as an anode material in all-solid-state lithium batteries. Journal of Power Sources, 2010, 195, 3323-3327.	4.0	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.	1.7	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 $\text{LiCoO}_2$ thin films grown by pulsed laser deposition. Journal of Materials Research, 2010, 25, 1886-1889.	1.2	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.	1.4	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.	1.5	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.	3.1	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.	1.7	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.	1.7	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, .	1.5	106
60	Defects and transport in complex oxide thin films. <i>Journal of Applied Physics</i> , 2008, 103, .	1.1	289
61	Epitaxial growth and surface metallic nature of $\text{LaNiO}_3$ thin films. <i>Applied Physics Letters</i> , 2008, 92, .	1.5	52
62	Molecular Layer-by-Layer Growth of $\text{C}_{60}$ Thin Films by Continuous-Wave Infrared Laser Deposition. <i>Applied Physics Express</i> , 2008, 1, 015005.	1.1	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.	1.2	29
64	Observation of $\text{SrTiO}_3$ in-gap states by depletion mode field effect. <i>Applied Physics Letters</i> , 2008, 92, .	1.5	8
65	Pulsed laser ablation and deposition of complex oxides. <i>Journal of Physics: Conference Series</i> , 2007, 59, 514-519.	0.3	14
66	Metallic conductivity at the $\text{CaHfO}_3^{\wedge}\text{SrTiO}_3$ interface. <i>Applied Physics Letters</i> , 2007, 91, .	1.5	44
67	Metal-insulator transition in $\text{SrTiO}_3$ induced by field effect. <i>Journal of Applied Physics</i> , 2007, 102, 083713.	1.1	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 $\text{SrTiO}_3$ Field Effect Transistors with $\text{SrTiO}_3$ - $\hat{\text{r}}$ Source and Drain Electrodes. <i>Japanese Journal of Applied Physics</i> , 2007, 46, L515-L518.	0.8	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.	11.1	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.	1.0	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 <sub>0.6</sub> Sr <sub>0.4</sub> MnO <sub>3</sub> thin films studied by in situ angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2006, 73, .	1.1	46
74	In situ resonant photoemission characterization of La <sub>0.6</sub> Sr <sub>0.4</sub> MnO <sub>3</sub> layers buried in insulating perovskite oxides. <i>Journal of Applied Physics</i> , 2006, 99, 08S903.	1.1	5
75	N-polarity GaN on sapphire substrate grown by MOVPE. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 1446-1450.	0.7	58
76	Local switching of two-dimensional superconductivity using the ferroelectric field effect. <i>Nature</i> , 2006, 441, 195-198.	13.7	94
77	Pulsed laser deposition of oxide thin films. <i>Applied Surface Science</i> , 2006, 252, 2466-2471.	3.1	53
78	XML-based data management system for combinatorial solid-state materials science. <i>Applied Surface Science</i> , 2006, 252, 2634-2639.	3.1	5
79	An in situ transport measurement of interfaces between SrTiO <sub>3</sub> (100) surface and an amorphous wide-gap insulator. <i>Applied Surface Science</i> , 2006, 252, 8147-8150.	3.1	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.	1.9	46
81	Growth and Characterization of Epitaxial DyScO <sub>3</sub> Films on SrTiO <sub>3</sub> . <i>Japanese Journal of Applied Physics</i> , 2006, 45, L830-L832.	0.8	5
82	Ferromagnetism stabilization of ultrathin SrRuO <sub>3</sub> films: Thickness-dependent physical properties. <i>Journal of Applied Physics</i> , 2006, 99, 08N505.	1.1	27
83	Robust Ti <sup>4+</sup> states in SrTiO <sub>3</sub> layers of La <sub>0.6</sub> Sr <sub>0.4</sub> MnO <sub>3</sub> /SrTiO <sub>3</sub> /La <sub>0.6</sub> Sr <sub>0.4</sub> MnO <sub>3</sub> junctions. <i>Applied Physics Letters</i> , 2006, 88, 192504.	1.5	29
84	Field-effect modulation of the transport properties of nondoped SrTiO <sub>3</sub> . <i>Applied Physics Letters</i> , 2006, 88, 212116.	1.5	38
85	Strain-driven domain structure control and ferroelectric properties of BaTiO <sub>3</sub> thin films. <i>Thin Solid Films</i> , 2005, 486, 158-161.	0.8	8
86	Transport properties of ultrathin oxide films and nanostructures. <i>Thin Solid Films</i> , 2005, 486, 63-66.	0.8	1
87	The effect of annealing on SrTiO <sub>3</sub> field-effect transistor devices. <i>Thin Solid Films</i> , 2005, 486, 195-199.	0.8	7
88	In situ angle-resolved photoemission study on La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> thin films grown by laser MBE. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 511-514.	0.8	2
89	Spectral evidence for inherent "dead layer" formation at La <sub>1-y</sub> Sr <sub>y</sub> FeO <sub>3</sub> /La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> heterointerface. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 479-481.	0.8	8
90	Sr surface segregation and water cleaning for atomically controlled SrTiO <sub>3</sub> (001) substrates studied by photoemission spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 443-446.	0.8	12

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91	Thickness-dependent electronic structure of ultrathin SrRuO <sub>3</sub> films studied by in situ photoemission spectroscopy. Applied Physics Letters, 2005, 87, 162508.	1.5	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.	0.6	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.	1.4	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.	1.5	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 <sub>3</sub> Thin Films. Japanese Journal of Applied Physics, 2004, 43, L227-L229.	0.8	43
98	Inherent charge transfer layer formation at La <sub>0.6</sub> Sr <sub>0.4</sub> FeO <sub>3</sub> •La <sub>0.6</sub> Sr <sub>0.4</sub> MnO <sub>3</sub> heterointerface. Applied Physics Letters, 2004, 84, 5353-5355.	1.5	43
99	Preparation of thermally stable TiO <sub>2</sub> -terminated SrTiO <sub>3</sub> (100) substrate surfaces. Applied Physics Letters, 2004, 85, 272-274.	1.5	116
100	Single crystal SrTiO <sub>3</sub> field-effect transistor with an atomically flat amorphous CaHfO <sub>3</sub> gate insulator. Applied Physics Letters, 2004, 85, 425-427.	1.5	54
101	High-resolution synchrotron-radiation photoemission characterization for atomically-controlled SrTiO <sub>3</sub> (001) substrate surfaces subjected to various surface treatments. Journal of Applied Physics, 2004, 96, 7183-7188.	1.1	45
102	Domain structure of epitaxial CaHfO <sub>3</sub> gate insulator films on SrTiO <sub>3</sub> . Applied Physics Letters, 2004, 84, 2142-2144.	1.5	34
103	High Rate in situ YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> Film Growth Assisted by Liquid Phase. Journal of Materials Research, 2004, 19, 977-981.	1.2	26
104	In situ photoemission spectroscopic study on La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> thin films grown by combinatorial laser-MBE. Journal of Electron Spectroscopy and Related Phenomena, 2004, 136, 31-36.	0.8	12
105	Metallic LaTiO <sub>3</sub> / SrTiO <sub>3</sub> Superlattice Films on the SrTiO <sub>3</sub> (100) Surface. Japanese Journal of Applied Physics, 2004, 43, L1178-L1180.	0.8	42
106	Electrostatic modulation of the electronic properties of Nb-doped SrTiO <sub>3</sub> superconducting films. Applied Physics Letters, 2004, 84, 1722-1724.	1.5	37
107	Growth and structure of wide-gap insulator films on SrTiO <sub>3</sub> . Solid-State Electronics, 2003, 47, 2211-2214.	0.8	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.	1.1	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.	0.8	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.	0.8	14
111	In situ growth of superconducting MgB <sub>2</sub> thin films with preferential orientation by molecular-beam epitaxy. Applied Physics Letters, 2002, 80, 3563-3565.	1.5	109
112	Continuous mapping of structure-property relations in Fe <sub>1-x</sub> Ni <sub>x</sub> metallic alloys fabricated by combinatorial synthesis. Intermetallics, 2001, 9, 541-545.	1.8	40
113	Thin Film Superconducting MgB <sub>2</sub> 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.	0.7	19
115	In situ high rate growth of high temperature superconductor tapes. IEEE Transactions on Applied Superconductivity, 2001, 11, 3375-3378.	1.1	12
116	Concurrent x-ray diffractometer for high throughput structural diagnosis of epitaxial thin films. Applied Physics Letters, 2001, 79, 3594-3596.	1.5	55
117	Parallel integration and characterization of nanoscaled epitaxial lattices by concurrent molecular layer epitaxy and diffractometry. Applied Physics Letters, 2001, 79, 536-538.	1.5	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.	3.1	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.	1.5	110
122	A-site layer terminated perovskite substrate: NdGaO <sub>3</sub> . Applied Physics Letters, 1999, 74, 2531-2533.	1.5	116
123	Parallel fabrication of artificially designed superlattices by combinatorial laser MBE. Applied Physics A: Materials Science and Processing, 1999, 69, S29-S31.	1.1	22
124	In-plane and polar orientations of ZnO thin films grown on atomically flat sapphire. Surface Science, 1999, 443, L1043-L1048.	0.8	94
125	Atom technology for Josephson tunnel junctions: SrTiO <sub>3</sub> substrate surface. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1998, 56, 111-116.	1.7	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.	1.7	24



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127	Epitaxial BaTiO <sub>3</sub> 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.	1.7	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.	1.5	145
129	In situ determination of the terminating layer of La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> thin films using coaxial impact-collision ion scattering spectroscopy. <i>Applied Physics Letters</i> , 1998, 73, 187-189.	1.5	30
130	Direct Observation of Helical Polysilane Nanostructures by Atomic Force Microscopy. <i>Japanese Journal of Applied Physics</i> , 1997, 36, L1211-L1213.	0.8	44
131	Growth and Characterization of Ferroelectric Pb(Zr,Ti)O <sub>3</sub> Films on Interface-Controlled CeO <sub>2</sub> (111)/Si(111) Structures. <i>Japanese Journal of Applied Physics</i> , 1997, 36, 6500-6503.	0.8	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.	0.9	29
133	Self-formed silicon quantum wires on ultrasmooth sapphire substrates. <i>Applied Physics Letters</i> , 1997, 71, 1409-1411.	1.5	18
134	Orientation-defined molecular layer epitaxy of $\lambda$ -Al <sub>2</sub> O <sub>3</sub> thin films. <i>Journal of Crystal Growth</i> , 1997, 177, 95-101.	0.7	57
135	Atomic scale identification of the terminating structure of compound materials by CAICISS (coaxial) Tj ETQq1 1 0.784314 rgBT /Overl 3.1 6	0.7	57
136	Fabrication of atomically defined oxide films on Si by laser molecular beam epitaxy. <i>Physica B: Condensed Matter</i> , 1996, 227, 323-325.	1.3	1
137	Molecular layer-by-layer growth of SrTiO <sub>3</sub> and BaTiO <sub>3</sub> films by laser molecular beam epitaxy. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1996, 41, 134-137.	1.7	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.	1.5	378
139	Room-Temperature Epitaxial Growth of $\text{CeO}_2$ Thin Films on Si(111) Substrates for Fabrication of Sharp Oxide/Silicon Interface. <i>Japanese Journal of Applied Physics</i> , 1995, 34, L688-L690.	0.8	106
140	Hetero-Epitaxial Growth of ZnO Film by Temperature-Modulated Metalorganic Chemical Vapor Deposition. <i>Applied Physics Express</i> , 0, 2, 045502.	1.1	15