Kazutaka Mitsuishi

List of Publications by Year
in descending order

170	2,718	201575	243529
papers	citations	27 h-index	44 g-index

171	171	171	2913
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation of LiCoO₂ by Molten Salts on Li_{0.29}La_{0.57}TiO₃ Solid Electrolyte and Electrochemical Performances of the All-solid-state Li Secondary Battery. Electrochemistry, 2022, , .	0.6	4
2	High-resolution STEM observation of the dynamics of Pt nanoparticles in a liquid. Japanese Journal of Applied Physics, 2022, 61, SD1021.	0.8	3
3	Preparation of Li₄Mn₅O₁₂ on Porous Li_{0.29}La_{0.57}TiO₃ via Liquid Sintering for Oxide-based All-solid-state Li-ion Secondary Battery. Electrochemistry, 2022, , .	0.6	1
4	Lowering the sintering temperature of Li₇La₃Zr₂O₁₂ electrolyte for co-fired all-solid-state batteries via partial Bi substitution and precise control of compositional deviation. Journal of the Ceramic Society of Japan, 2022, 130, 416-423.	0.5	7
5	Non-negative matrix factorization for mining big data obtained using four-dimensional scanning transmission electron microscopy. Ultramicroscopy, 2021, 221, 113168.	0.8	15
6	Origin of Monochromatic Electron Emission From Planar-Type Graphene/ h -BN/ n -Si Devices. Physical Review Applied, 2021, 15, .	1.5	8
7	Tracking the emergence of epitaxial metalâ€“oxide interfaces from precursor alloys. Nanoscale, 2021, 13, 18987-18995.	2.8	2
8	Phase-transition-induced jumping, bending, and wriggling of single crystal nanofibers of coronene. Scientific Reports, 2021, 11, 3175.	1.6	10
9	The electric double layer effect and its strong suppression at Li+ solid electrolyte/hydrogenated diamond interfaces. Communications Chemistry, 2021, 4, .	2.0	15
10	Concerted influence of microstructure and adsorbed water on lithium-ion conduction of Li1.3Al0.3Ti1.7(PO4)3. Journal of Power Sources, 2021, 511, 230422.	4.0	3
11	Fabrication of a liquid cell for in situ transmission electron microscopy. Microscopy (Oxford,) Tj ETQq1 1 0.784314 rgBT /Overl	0.7	7
12	Planar type electron emission device using atomic layered materials and it applications. , 2021, , .		0
13	In Situ X-ray Diffraction of LiCoO₂ in Thin-Film Batteries under High-Voltage Charging. ACS Applied Energy Materials, 2021, 4, 14372-14379.	2.5	11
14	Highly Monochromatic Electron Emission from Graphene/Hexagonal Boron Nitride/Si Heterostructure. ACS Applied Materials & Interfaces, 2020, 12, 4061-4067.	4.0	24
15	Non-spectroscopic Method for Simultaneous Determination of Thickness and Composition via 4D-STEM. Microscopy and Microanalysis, 2020, 26, 240-242.	0.2	0
16	Conversion Reaction in the Binder-Free Anode for Fast-Charging Li-Ion Batteries Based on WO₃ Nanorods. ACS Applied Energy Materials, 2020, 3, 6700-6708.	2.5	20
17	Accurate determination of strains at layered materials by selected area electron diffraction mapping. Japanese Journal of Applied Physics, 2019, 58, SIIA03.	0.8	1
18	In-Plane Magnetic Field Evaluation with 0.47-nm Resolution by Aberration-Corrected 1.2-MV Holography Electron Microscope. Microscopy and Microanalysis, 2019, 25, 54-55.	0.2	2

#	Article	IF	Citations
19	Anode Properties of Si Nanoparticles in All-Solid-State Li Batteries. ACS Applied Energy Materials, 2019, 2, 7005-7008.	2.5	40
20	Highly efficient photocatalytic conversion of solar energy to hydrogen by WO3/BiVO4 coreâ€“shell heterojunction nanorods. Applied Nanoscience (Switzerland), 2019, 9, 1017-1024.	1.6	24
21	In-situ observation of the interaction silicon and hematite. Journal of Surface Analysis (Online), 2019, 26, 144-145.	0.1	0
22	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
23	Effect of lithium isotopes on the phase transition in NASICON-type lithium-ion conductor LiZr2(PO4)3. Solid State Ionics, 2018, 321, 29-33.	1.3	7
24	Lithium diffusion coefficient in LiMn2O4 thin films measured by secondary ion mass spectrometry with ion-exchange method. Solid State Ionics, 2018, 320, 266-271.	1.3	34
25	Comparative Analysis of Defects in Mg-Implanted and Mg-Doped GaN Layers on Freestanding GaN Substrates. Nanoscale Research Letters, 2018, 13, 403.	3.1	21
26	Strain Relaxation in GaSb/GaAs(111)A Heteroepitaxy Using Thin InAs Interlayers. ACS Omega, 2018, 3, 15592-15597.	1.6	4
27	Investigation of intermediate layers in oxides/GaN(0001) by electron microscopy. Japanese Journal of Applied Physics, 2018, 57, 118003.	0.8	5
28	4D-Data Acquisition in Scanning Confocal Electron Microscopy for Depth-Sectioned Imaging. E-Journal of Surface Science and Nanotechnology, 2018, 16, 247-252.	0.1	7
29	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
30	Direct observation of curvature of the wave surface in transmission electron microscope using transport intensity equation. Ultramicroscopy, 2018, 194, 7-14.	0.8	7
31	Porous amorphous silicon film anodes for high-capacity and stable all-solid-state lithium batteries. Communications Chemistry, 2018, 1, .	2.0	109
32	Electron microscopy and ultraviolet photoemission spectroscopy studies of native oxides on GaN(0001). Japanese Journal of Applied Physics, 2018, 57, 098003.	0.8	8
33	Carrier Transfer in Closely Stacked GaAs/AlGaAs Quantum Dots Grown by Using Droplet Epitaxy. Journal of the Korean Physical Society, 2018, 72, 1356-1363.	0.3	0
34	Interrelation between inhomogeneity and cyclability in O3â€NaFe_{1/2}Co_{1/2}O₂. Physica Status Solidi - Rapid Research Letters, 2017, 11, 1600284.	1.2	6
35	Electron microscopy studies of the intermediate layers at the SiO₂/GaN interface. Japanese Journal of Applied Physics, 2017, 56, 110312.	0.8	28
36	Influence of strain on local structure and lithium ionic conduction in garnet-type solid electrolyte. Journal of Power Sources, 2017, 368, 97-106.	4.0	31

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37	Grain boundary modification to suppress lithium penetration through garnet-type solid electrolyte. Journal of Power Sources, 2017, 363, 145-152.	4.0	129
38	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
39	Epitaxial growth of LiCoO2 thin films with (001) orientation. AIP Advances, 2017, 7, .	0.6	13
40	Fixation mechanisms of nanoparticles on substrates by electron beam irradiation. Beilstein Journal of Nanotechnology, 2017, 8, 1523-1529.	1.5	1
41	Orientation alignment of epitaxial LiCoO2 thin films on vicinal SrTiO3 (100) substrates. Journal of Power Sources, 2016, 325, 306-310.	4.0	9
42	Growth of Metamorphic InGaAs on GaAs (111)A: Counteracting Lattice Mismatch by Inserting a Thin InAs Interlayer. Crystal Growth and Design, 2016, 16, 5412-5417.	1.4	15
43	Optical Waveguiding along a Sub-100-nm-Width Organic Nanofiber: Significant Effect of Cooling on Waveguiding Properties. Journal of Physical Chemistry C, 2016, 120, 1186-1192.	1.5	8
44	Epitaxy of Li_{3x}La_{2/3â€“x}TiO₃ Films and the Influence of La Ordering on Li-Ion Conduction. Chemistry of Materials, 2015, 27, 1233-1241.	3.2	30
45	Droplet epitaxy growth of telecom InAs quantum dots on metamorphic InAlAs/GaAs(111)A. Japanese Journal of Applied Physics, 2015, 54, 04DH07.	0.8	13
46	Synthesis of LiCoO2 epitaxial thin films using a solâ€“gel method. Journal of Power Sources, 2015, 274, 417-423.	4.0	32
47	Super-resolution phase reconstruction technique in electron holography with a stage-scanning system. Japanese Journal of Applied Physics, 2014, 53, 02BC23.	0.8	4
48	V2O5-P2O5-Fe2O3-Li2O Glass-Ceramics as High-Capacity Cathode for Lithium-Ion Batteries. Materials Research Society Symposia Proceedings, 2014, 1643, 1.	0.1	4
49	High performance silicon-based anodes in solid-state lithium batteries. Energy and Environmental Science, 2014, 7, 662-666.	15.6	84
50	Droplet epitaxial growth of highly symmetric quantum dots emitting at telecommunication wavelengths on InP(111)A. Applied Physics Letters, 2014, 104, .	1.5	24
51	Self-assembled coronene nanofibers: optical waveguide effect and magnetic alignment. Nanoscale, 2014, 6, 4174.	2.8	25
52	Atomically Resolved Scanning Confocal Electron Microscopy Using a Double Aberration-corrected Transmission Electron Microscope. Microscopy and Microanalysis, 2014, 20, 376-377.	0.2	10
53	Microstructural analysis and Transport Properties of MoO and MoC nanostructures prepared by focused electron beam-induced deposition. Scientific Reports, 2014, 4, 5740.	1.6	19
54	Contrast in atomically resolved EF-SCEM imaging. Ultramicroscopy, 2013, 134, 185-192.	0.8	10

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55	Transition from silicon nanowires to isolated quantum dots: Optical and structural evolution. Physical Review B, 2013, 87, .	1.1	13
56	Optical Microring Resonators Constructed from Organic Dye Nanofibers and Their Application to Miniaturized Channel Drop/Add Filters. ACS Applied Materials & Interfaces, 2013, 5, 6182-6188.	4.0	28
57	Ultracompact Asymmetric Machâ€“Zehnder Interferometers with High Visibility Constructed from Exciton Polariton Waveguides of Organic Dye Nanofibers. Advanced Functional Materials, 2013, 23, 839-845.	7.8	60
58	Direct acquisition of interferogram by stage scanning in electron interferometry. Microscopy (Oxford, England), 2013, 62, 563-570.	0.7	3
59	Resolution Improvement in Stage-Scanning Electron Holography: Comparison with Conventional Electron Holography. ISRN Nanotechnology, 2013, 2013, 1-5.	1.3	1
60	Improvement of Depth Resolution of ADF-SCEM by Deconvolution: Effects of Electron Energy Loss and Chromatic Aberration on Depth Resolution. Microscopy and Microanalysis, 2012, 18, 603-611.	0.2	3
61	Scanning Confocal Electron Microscopy (SCEM) Combined with Deconvolution Technique. Microscopy and Microanalysis, 2012, 18, 332-333.	0.2	1
62	Current Developments of Scanning Confocal Electron Microscopy in a Double Aberration-Corrected Transmission Electron Microscope. Microscopy and Microanalysis, 2012, 18, 532-533.	0.2	1
63	Three-dimensional analysis of nanoparticles on carbon support using aberration-corrected scanning confocal electron microscopy. Applied Physics Letters, 2012, 101, .	1.5	12
64	Relationship between variable range hopping transport and carrier density of amorphous In2O3â€“10â€‰wt. % ZnO thin films. Journal of Applied Physics, 2012, 112, .	1.1	18
65	Three-dimensional observation of SiO2 hollow spheres with a double-shell structure using aberration-corrected scanning confocal electron microscopy. Microscopy (Oxford, England), 2012, 61, 159-169.	0.7	3
66	Three-dimensional elemental mapping of hollow Fe2O3@SiO2 mesoporous spheres using scanning confocal electron microscopy. Applied Physics Letters, 2012, 100, .	1.5	14
67	Imaging properties of bright-field and annular-dark-field scanning confocal electron microscopy: II. Point spread function analysis. Ultramicroscopy, 2012, 112, 53-60.	0.8	7
68	Polarity controlled InAs{111} films grown on Si(111). Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2011, 29, .	0.6	20
69	Fabrication of Metalâ€“Oxideâ€“Diamond Field-Effect Transistors with Submicron-Sized Gate Length on Boron-Doped (111) H-Terminated Surfaces Using Electron Beam Evaporated SiO2 and Al2O3. Journal of Electronic Materials, 2011, 40, 247-252.	1.0	29
70	Micrometerâ€Scale Photonic Circuit Components Based on Propagation of Exciton Polaritons in Organic Dye Nanofibers. Advanced Materials, 2011, 23, 3659-3663.	11.1	84
71	Bright-field scanning confocal electron microscopy using a double aberration-corrected transmission electron microscope. Ultramicroscopy, 2011, 111, 877-886.	0.8	18
72	Production of Various Carbon Nanoclusters by Impact Reaction Using Light-Gas Gun as Simulation of Asteroid Collisions in Space. Japanese Journal of Applied Physics, 2011, 50, 125102.	0.8	3

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73	Experimental examination of the characteristics of bright-field scanning confocal electron microscopy images. Journal of Electron Microscopy, 2011, 60, 227-234.	0.9	3
74	Direct electron beam writing of Bragg gratings in exciton polariton waveguides of organic dye nanofibers. Applied Physics Letters, 2011, 99, 253302.	1.5	6
75	Fabrication of GaNAs/AlGaAs Heterostructures with Large Band Offset Using Periodic Growth Interruption. Applied Physics Express, 2011, 4, 125001.	1.1	12
76	Formation of amorphous xenon nanoclusters and microstructure evolution in pulsed laser deposited Ti_{62.5}Si_{37.5} thin films during Xe ion irradiation. Journal of Materials Research, 2011, 26, 62-69.	1.2	0
77	Self-Assembly of Symmetric GaAs Quantum Dots on (111)A Substrates: Suppression of Fine-Structure Splitting. Applied Physics Express, 2010, 3, 065203.	1.1	77
78	Precipitation behavior of Xe at grain boundaries in Si3N4 ceramic during implantation at elevated temperature. Journal of Nuclear Materials, 2010, 397, 122-127.	1.3	2
79	Imaging properties of bright-field and annular-dark-field scanning confocal electron microscopy. Ultramicroscopy, 2010, 111, 20-26.	0.8	18
80	Nanoscale Energy-Filtered Scanning Confocal Electron Microscopy Using a Double-Aberration-Corrected Transmission Electron Microscope. Physical Review Letters, 2010, 104, 200801.	2.9	46
81	Manifold enhancement of electron beam induced deposition rate at grazing incidence. Nanotechnology, 2010, 21, 025303.	1.3	2
82	Three-Dimensional Optical Sectioning by Scanning Confocal Electron Microscopy with a Stage-Scanning System. Microscopy and Microanalysis, 2010, 16, 233-238.	0.2	19
83	Fraction of a Millimeter Propagation of Exciton Polaritons in Photoexcited Nanofibers of Organic Dye. Physical Review Letters, 2010, 105, 067401.	2.9	140
84	Three-dimensional imaging of carbon nanostructures by scanning confocal electron microscopy. Journal of Applied Physics, 2009, 106, .	1.1	30
85	Elastic scattering of 200 keV electrons in elemental solids: experimental observation of atomic-number-dependent oscillatory behavior. Journal of Physics Condensed Matter, 2009, 21, 155402.	0.7	11
86	Cross-sectional Transmission Electron Microscopy and Optical Characterization of Gold Nanoislands. Japanese Journal of Applied Physics, 2009, 48, 080207.	0.8	7
87	Composition Control of Electron Beam Induced Nanodeposits by Surface Pretreatment and Beam Focusing. Journal of Physical Chemistry C, 2009, 113, 21516-21519.	1.5	17
88	Impact bonding and rebounding between kinetically sprayed titanium particle and steel substrate revealed by high-resolution electron microscopy. Journal Physics D: Applied Physics, 2009, 42, 065304.	1.3	53
89	Development of Annular Dark Field Confocal Scanning Transmission Electron Microscopy. Microscopy and Microanalysis, 2009, 15, 612-613.	0.2	1
90	Three-dimensional Observation of Carbon Nanostructures with Confocal Scanning Tansmission Electron Microscopy. Microscopy and Microanalysis, 2009, 15, 636-637.	0.2	1

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91	Local characterizations of quaternary AlInGaN/GaN heterostructures using TEM and HAADFâ€STEM. Surface and Interface Analysis, 2008, 40, 1660-1663.	0.8	3
92	Bloch wave-based calculation of imaging properties of high-resolution scanning confocal electron microscopy. Ultramicroscopy, 2008, 108, 981-988.	0.8	19
93	Quantitative structural analysis of twin boundary in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si11.gif" overflow="scroll"><mml:mi>Î±</mml:mi><mml:mtext>-</mml:mtext><mml:msub><mml:mrow><mml:mi>Zn</mml:mi></mml:mrow><mml:mrow><mml:mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>12</mml:mn></mml:mrow></mml:msub></m. Ultramicroscopy, 2008, 108, 96-103.	0.8	8
94	Development of a stage-scanning system for high-resolution confocal STEM. Journal of Electron Microscopy, 2008, 57, 123-127.	0.9	47
95	Mean free path of inelastic electron scattering in elemental solids and oxides using transmission electron microscopy: Atomic number dependent oscillatory behavior. Physical Review B, 2008, 77, .	1.1	114
96	Structure and pressure inside Xe nanoparticles embedded in Al. Physical Review B, 2008, 78, .	1.1	9
97	Development of Stage-Scanning Type Confocal STEM. Microscopy and Microanalysis, 2008, 14, 816-817.	0.2	0
98	ELECTRON BEAM INDUCED DEPOSITION. , 2008, , 377-397.		0
99	Development of Stage-scanning System for Confocal Scanning Transmission Electron Microscopy. E-Journal of Surface Science and Nanotechnology, 2008, 6, 111-114.	0.1	8
100	Structure of Nanowires Fabricated by Electron Beam Induced Deposition to Connect Self-Assembled Quantum Structures. Japanese Journal of Applied Physics, 2007, 46, 6277-6281.	0.8	4
101	Fabrication of Iron Oxide Nanostructures by Electron Beam-Induced Deposition. Materials Science Forum, 2007, 561-565, 1101-1104.	0.3	1
102	Fabrication and Investigation of Tungsten Deposit on Top and Bottom Surfaces of Thin Film Substrate. Japanese Journal of Applied Physics, 2007, 46, 6254-6257.	0.8	7
103	Sample Preparation of GaN-Based Materials on a Sapphire Substrate for STEM Analysis. Journal of Electron Microscopy, 2007, 57, 1-5.	0.9	15
104	Mechanisms of Crystalline Iron Oxide Formation in Electron Beam-Induced Deposition. Japanese Journal of Applied Physics, 2007, 46, 6247-6249.	0.8	11
105	Electron-Beam-Induced Deposition of Fe Nanoparticles and Thin Films on SrTiO3Substrates. Japanese Journal of Applied Physics, 2007, 46, 6243-6246.	0.8	2
106	Fabrication of Submicron GaAs/AlAs Double-Barrier Resonant Tunneling Diodes by Wet Etching with In Droplets as Mask. Japanese Journal of Applied Physics, 2007, 46, L994-L996.	0.8	1
107	Formation of Defect Clusters in SrTiO₃ Crystals Implanted with Xenon Ions. Materials Science Forum, 2007, 561-565, 1757-1760.	0.3	2
108	Iron Nanostructures Fabricated by Electron Beam Induced Deposition and its Magnetic Properties. Solid State Phenomena, 2007, 124-126, 139-142.	0.3	2

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109	Fabrication of Free-Standing Tungsten-Nanowhiskers on SiO₂ Substrates with Electron-Beam Induced Deposition. Materials Transactions, 2007, 48, 2551-2555.	0.4	5
110	Dynamic Monte Carlo Simulation on the Electron-Beam-Induced Deposition of Carbon, Silver, and Tungsten Supertips. Microscopy and Microanalysis, 2006, 12, 549-552.	0.2	1
111	TEM Sample Preparation Using a New Nanofabrication Technique Combining Electron-Beam-Induced Deposition and Low-Energy Ion Milling. Microscopy and Microanalysis, 2006, 12, 545-548.	0.2	2
112	Ultrahigh-Vacuum Third-Order Spherical Aberration (Cs) Corrector for a Scanning Transmission Electron Microscope. Microscopy and Microanalysis, 2006, 12, 456-460.	0.2	10
113	The Development of Ultra-high Vacuum Cs-Corrected Scanning Transmission Electron Microscope for Fast Fabrication of Desired Nanostructures. Microscopy and Microanalysis, 2006, 12, 1366-1367.	0.2	2
114	Electric field influence on emission of characteristic X-ray from Al2O3 targets bombarded by slow Xe+ ions. Powder Diffraction, 2006, 21, 156-157.	0.4	1
115	Characterization of nanometer-sized Pt-dendrite structures fabricated on insulator Al2O3 substrate by electron-beam-induced deposition. Journal of Materials Science, 2006, 41, 2567-2571.	1.7	9
116	Proximity Effect in Electron-Beam-Induced Deposition. Japanese Journal of Applied Physics, 2006, 45, 5517-5521.	0.8	15
117	Crystallization of Focused-Electron-Beam Deposited Tungsten Wire on Molybdenum Substrate. Japanese Journal of Applied Physics, 2006, 45, 5548-5551.	0.8	6
118	Effects of Heat Treatment on Electric Properties of Nanorods Formed by Electron Beam-Induced Deposition. Japanese Journal of Applied Physics, 2006, 45, 5509-5512.	0.8	6
119	A dynamic Monte Carlo study of thein situgrowth of a substance deposited using electron-beam-induced deposition. Nanotechnology, 2006, 17, 3832-3837.	1.3	18
120	Formation of iron nano-dot arrays by electron beam-induced deposition using an ultrahigh vacuum transmission electron microscope. Journal of Crystal Growth, 2005, 275, e2361-e2366.	0.7	10
121	Effect of accelerating voltage on crystallization of self-standing W-nanodendrites fabricated on SiO2 substrate with electron-beam-induced deposition. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 29, 564-569.	1.3	12
122	Dependence on substrate topography of growth of nanosized dendritic structures in an electron-beam-induced deposition process. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 29, 575-579.	1.3	3
123	Characterization of metal nanoparticles fabricated in ordered array pores of anodic porous alumina by electron-beam-induced selective deposition. Applied Surface Science, 2005, 241, 91-95.	3.1	13
124	Reduction mechanism of surface oxide films and characterization of formations on pulse electric-current sintered Alâ€“Mg alloy powders. Applied Surface Science, 2005, 241, 102-106.	3.1	32
125	Characterization of nanometer-sized dendritic form structures fabricated on insulator substrates with an electron-beam-induced deposition in a TEM. Applied Surface Science, 2005, 241, 107-112.	3.1	8
126	Fabrication of self-standing nanowires, nanodendrites, and nanofractal-like trees on insulator substrates with an electron-beam-induced deposition. Applied Physics A: Materials Science and Processing, 2005, 80, 1431-1436.	1.1	25

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127	é›»åç·šèª¯èµ·è'¸ç€æ³•ã«ã,ˆã,‹ãƒŠãƒŽæ§‹é€ ç‰©ä½œè£½ã¨ãã®è©•ä¾¡. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2006, 57, 508-513.	0.1	1
128	Fabrication and Characterization of Self-Standing W-Nanodendrites on Insulator SiO2Substrate by Electron-Beam-Induced Deposition under HVTEM. Japanese Journal of Applied Physics, 2005, 44, 5654-5658.	0.8	5
129	Morphology of Iron Silicide Nanorods Formed by Electron-Beam-Induced Deposition Using Ultrahigh-Vacuum Transmission Electron Microscope. Japanese Journal of Applied Physics, 2005, 44, 5635-5638.	0.8	8
130	Nanodot and Nanorod Formation in Electron-Beam-Induced Deposition Using Iron Carbonyl. Japanese Journal of Applied Physics, 2005, 44, 5651-5653.	0.8	9
131	Modeling the Process of Electron-Beam-Induced Deposition by Dynamic Monte Carlo Simulation. Japanese Journal of Applied Physics, 2005, 44, 5659-5663.	0.8	9
132	Growth of Tungsten Nanodendrites on SiO₂ Substrate Using Electron-Beam-Induced Deposition. Journal of Nanoscience and Nanotechnology, 2005, 5, 615-619.	0.9	11
133	Position- and size-controlled fabrication of iron silicide nanorods by electron-beam-induced deposition using an ultrahigh-vacuum transmission electron microscope. Applied Physics Letters, 2005, 86, 183104.	1.5	23
134	Transmission Electron Microscopy of Martensitic Transformation in Xe-implanted Austenitic 304 Stainless Steel. Journal of Materials Research, 2005, 20, 1751-1757.	1.2	5
135	Electrical Properties of Diamond MISFETs with Submicron-Sized Gate on Boron-Doped (111) Surface. Materials Research Society Symposia Proceedings, 2005, 891, 1.	0.1	0
136	Resolution in New Nanofabrication Technique Combining Electron-Beam-Induced Deposition and Low-Energy Ion Milling. Japanese Journal of Applied Physics, 2005, 44, 5627-5630.	0.8	9
137	Fabrication of W-Nanodendrite Structures using Electron-Beam-Induced Deposition and Effect of Accelerating Voltage. Materia Japan, 2005, 44, 972-972.	0.1	0
138	TEM Observation of the Reduction of Wustite by Hydrogen Ion Implantation. ISIJ International, 2004, 44, 2029-2032.	0.6	5
139	Detection of iron-oxide layer on the surface of iron nitride using high-resolution electron microscopy and Fourier filtering. Journal of Electron Microscopy, 2004, 53, 143-148.	0.9	1
140	Fabrication of ordered array of tungsten nanoparticles on anodic porous alumina by electron-beam-induced selective deposition. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2004, 22, 2589.	1.6	15
141	Reduction of Surface Oxide Films in Alâ€“Mg Alloy Powders by Pulse Electric Current Sintering. Journal of Materials Research, 2004, 19, 815-819.	1.2	38
142	Electron beam-induced deposition using iron carbonyl and the effects of heat treatment on nanostructure. Applied Physics A: Materials Science and Processing, 2004, 79, 1869-1872.	1.1	39
143	Nanostructures fabricated by electron beam induced chemical vapor deposition. Superlattices and Microstructures, 2004, 36, 255-264.	1.4	9
144	Nanostructure characterization of tungsten-containing nanorods deposited by electron-beam-induced chemical vapour decomposition. Philosophical Magazine, 2004, 84, 1281-1289.	0.7	33

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145	Effects of focus change on the fabrication of tungsten nanowire by electron-beam-induced deposition. Nanotechnology, 2004, 15, S414-S419.	1.3	13
146	Public Opened Internet Electron Microscopy in Educational Field. Microscopy and Microanalysis, 2004, 10, 1566-1567.	0.2	2
147	Electron Beam Induced Depositions of Nano-dots by the Presence of the Partial Pressure of Precursor. Microscopy and Microanalysis, 2004, 10, 540-541.	0.2	0
148	Direct UHV-TEM Observation of Palladium Clusters on a Silicon Surface. Microscopy and Microanalysis, 2004, 10, 134-138.	0.2	5
149	Effect of Mg on the Sintering of Al-Mg Alloy Powders by Pulse Electric-Current Sintering Process. Materials Transactions, 2004, 45, 904-909.	0.4	53
150	Fabrication of Nano-Deposits and Their Nanostructure Produced Using an Electron Beam-Induced Deposition Technique. Materia Japan, 2004, 43, 1017-1017.	0.1	0
151	UHV-HRTEM observation of Pd clusters on Pd adsorbed Si(111) 1Ã—1 surface. Surface Science, 2003, 532-535, 671-677.	0.8	3
152	Layer-doubling method in ADF-STEM image simulation. Ultramicroscopy, 2003, 96, 323-333.	0.8	2
153	Xe Precipitates in Aluminum. Materials Research Society Symposia Proceedings, 2003, 792, 1.	0.1	1
154	Behavior of Oxide Film at Interface between Particles of Al-Mg Alloy Powder Compacts Prepared by Pulse Electric Current Sintering. Japanese Journal of Applied Physics, 2003, 42, 4725-4728.	0.8	23
155	Interfaces of Xe Clusters with Al --- Displacement of Atomic Positions of Crystalline Xe and Ordering in a Fluid Xe Confined by Flat Surfaces. Microscopy and Microanalysis, 2003, 9, 290-291.	0.2	0
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157	Electron microscopic observation of interfaces of aluminium powder compacts prepared by spark plasma sintering. Journal of Electron Microscopy, 2002, 51, S149-S153.	0.9	11
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