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List of Publications by Year
in descending order

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209 papers	8,083 citations	81743 39 h-index	49773 87 g-index
215 all docs	215 docs citations	215 times ranked	8184 citing authors

#	Article	IF	Citations
1	Multiferroic BaTiO3-CoFe2O4 Nanostructures. Science, 2004, 303, 661-663.	6.0	2,051
2	On the origin of high-temperature ferromagnetism in the low-temperature-processed Mnâ€“Znâ€“O system. Nature Materials, 2004, 3, 709-714.	13.3	459
3	Heteroepitaxy of ZnO on GaN and its implications for fabrication of hybrid optoelectronic devices. Applied Physics Letters, 1998, 73, 348-350.	1.5	425
4	Combinatorial discovery of a lead-free morphotropic phase boundary in a thin-film piezoelectric perovskite. Applied Physics Letters, 2008, 92, .	1.5	256
5	Dielectric properties in heteroepitaxial Ba0.6Sr0.4TiO3 thin films: Effect of internal stresses and dislocation-type defects. Applied Physics Letters, 2000, 77, 1695-1697.	1.5	237
6	Growth of large-scale GaN nanowires and tubes by direct reaction of Ga with NH3. Applied Physics Letters, 2000, 77, 3731-3733.	1.5	199
7	Inversion of wurtzite GaN(0001) by exposure to magnesium. Applied Physics Letters, 1999, 75, 808-810.	1.5	187
8	Self-assembled single-crystal ferromagnetic iron nanowires formed by decomposition. Nature Materials, 2004, 3, 533-538.	13.3	165
9	In Situ Observation of Reversible Nanomagnetic Switching Induced by Electric Fields. Nano Letters, 2010, 10, 1219-1223.	4.5	148
10	Thickness dependence of structural and electrical properties in epitaxial lead zirconate titanate films. Journal of Applied Physics, 1999, 86, 595-602.	1.1	144
11	FeS₂ Nanoparticles Embedded in Reduced Graphene Oxide toward Robust, Highâ€Performance Electrocatalysts. Advanced Energy Materials, 2017, 7, 1700482.	10.2	144
12	Tuning of Vertical and Lateral Correlations in Self-OrganizedPbSe/Pb1â^'xEuxTeQuantum Dot Superlattices. Physical Review Letters, 2000, 84, 4669-4672.	2.9	140
13	Three-dimensional heteroepitaxy in self-assembled BaTiO3â€“CoFe2O4 nanostructures. Applied Physics Letters, 2004, 85, 2035-2037.	1.5	132
14	Dependence of dielectric properties on internal stresses in epitaxial barium strontium titanate thin films. Applied Physics Letters, 2001, 78, 2354-2356.	1.5	121
15	Growth of GaN nanowires by direct reaction of Ga with NH3. Journal of Crystal Growth, 2001, 231, 357-365.	0.7	113
16	Evidence for power-law frequency dependence of intrinsic dielectric response in theCaCu3Ti4O12. Physical Review B, 2004, 70, .	1.1	110
17	Low-resistance Ti/Al/Ti/Au multilayer ohmic contact to n-GaN. Journal of Applied Physics, 2001, 89, 6214-6217.	1.1	92
18	Generation of degradation defects, stacking faults, and misfit dislocations in ZnSe-based films grown on GaAs. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1995, 13, 1694.	1.6	89

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19	Heteroepitaxially enhanced magnetic anisotropy in BaTiO3â€“CoFe2O4 nanostructures. Applied Physics Letters, 2007, 90, 113113.	1.5	88
20	Millisecond synthesis of CoS nanoparticles for highly efficient overall water splitting. Nano Research, 2019, 12, 2259-2267.	5.8	85
21	Growth of GaAsN/GaAs, GaInAsN/GaAs and GaInAsN/GaAs quantum wells by low-pressure organometallic chemical vapor deposition. Journal of Crystal Growth, 1998, 195, 427-437.	0.7	77
22	Dependence of the density and type of stacking faults on the surface treatment of the substrate and growth mode in ZnSxSe1â^'x/ZnSe buffer layer/GaAs heterostructures. Applied Physics Letters, 1995, 67, 3298-3300.	1.5	70
23	Surface Reconstruction during Molecular Beam Epitaxial Growth of GaN (0001). MRS Internet Journal of Nitride Semiconductor Research, 1998, 3, 1.	1.0	60
24	Role of Ga flux in dislocation reduction in GaN films grown on SiC(0001). Applied Physics Letters, 2001, 79, 3428-3430.	1.5	59
25	Determination of the optical constants of ZnSe films by spectroscopic ellipsometry. Journal of Applied Physics, 1994, 76, 514-517.	1.1	57
26	Ion-assisted pulsed laser deposition of cubic BN films on Si (001) substrates. Journal of Materials Research, 1992, 7, 1618-1620.	1.2	56
27	Giant magnetoresistance peaks in CoNiCu/Cu multilayers grown by electrodeposition. Journal of Applied Physics, 1994, 76, 6519-6521.	1.1	56
28	Microstructure and phase control in Biâ€“Feâ€“O multiferroic nanocomposite thin films. Applied Physics Letters, 2006, 88, 112505.	1.5	56
29	Electron microscopy study of stage-2 graphite-SbCl5. Physical Review B, 1982, 26, 2323-2326.	1.1	50
30	Structural, magnetic, and transport properties of RxBa1-xTiO3-.delta. solid solutions, where R = La, Nd, Gd, Er, and Y: rare-earth-dependent metal-to-semiconductor transitions. Chemistry of Materials, 1992, 4, 1038-1046.	3.2	48
31	Heteroepitaxy of CdTe on {211} Si using crystallized amorphous ZnTe templates. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1996, 14, 2366.	1.6	47
32	Synthesis and characterization of Nb2AlC thin films. Thin Solid Films, 2009, 517, 2920-2923.	0.8	47
33	Flame Synthesis of Nanosized Cuâ^'Ceâ^'O, Niâ^'Ceâ^'O, and Feâ^'Ceâ^'O Catalysts for the Water-Gas Shift (WGS) Reaction. ACS Applied Materials & Interfaces, 2009, 1, 2624-2635.	4.0	46
34	Correlation Between Structural Imperfection and Giant Magnetoresistance in Electrodeposited Co/Cu Multilayers. Journal of the Electrochemical Society, 2001, 148, C518.	1.3	45
35	Nearâ€Field Optical Properties of Fully Alloyed Noble Metal Nanoparticles. Advanced Optical Materials, 2017, 5, 1600568.	3.6	44
36	Improving microstructural quantification in FIB/SEM nanotomography. Ultramicroscopy, 2018, 184, 24-38.	0.8	44

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37	InAs nanowires and whiskers grown by reaction of indium with GaAs. Applied Physics Letters, 2003, 82, 3749-3751.	1.5	43
38	The Effects of Multiphase Formation on Strain Relaxation and Magnetization in Multiferroic BiFeO₃ Thin Films. Advanced Functional Materials, 2007, 17, 2594-2599.	7.8	42
39	Systematic study of effects of growth conditions on the (nano-, meso-, micro)size and (one-, two-,) Tj ETQq1 1 0.784314 rgBT /Overlock Journal of Applied Physics, 2003, 94, 7749.	1.1	40
40	Structural characterization of preferentially oriented cubic BN films grown on Si (001) substrates. Thin Solid Films, 1993, 224, 46-51.	0.8	39
41	Advances in pulsed laser deposition of nitrides and their integration with oxides. Applied Surface Science, 1998, 127-129, 431-439.	3.1	39
42	Fabrication of multiferroic epitaxial BiCrO3 thin films. Applied Physics Letters, 2006, 88, 152902.	1.5	38
43	Liquid crystal-ZnO nanoparticle photovoltaics: Role of nanoparticles in ordering the liquid crystal. Applied Physics Letters, 2010, 97, .	1.5	37
44	Hexadecylamine capped silver and gold nanoparticles: Comparative study on formation and self-organization. Materials Chemistry and Physics, 2010, 123, 540-545.	2.0	35
45	Ordering in lead magnesium niobate solid solutions. Journal of Materials Science, 1994, 29, 1284-1289.	1.7	34
46	Properties of GaN epitaxial layers grown on 6H-SiC(0001) by plasma-assisted molecular beam epitaxy. Journal of Electronic Materials, 2001, 30, 162-169.	1.0	34
47	Exchange bias in thin-film (Co/Pt)3/Cr2O3 multilayers. Journal of Magnetism and Magnetic Materials, 2009, 321, 1955-1958.	1.0	34
48	In Situ High Temperature Synthesis of Single-Component Metallic Nanoparticles. ACS Central Science, 2017, 3, 294-301.	5.3	34
49	Misfit dislocation nucleation in doped and undoped ZnSe/GaAs. Applied Physics Letters, 1993, 63, 3197-3199.	1.5	33
50	Fabrication and characterization of epitaxial AlN/TiN bilayers on sapphire. Thin Solid Films, 1998, 323, 37-41.	0.8	33
51	Composition modulation in lattice matched Zn1â^'xMgxSySe1â^'y/ZnSe buffer layer/GaAs heterostructures. Applied Physics Letters, 1994, 65, 1230-1232.	1.5	32
52	Growth and characterization of IIâ€“VI blue lightâ€emitting diodes using short period superlattices. Applied Physics Letters, 1996, 68, 379-381.	1.5	32
53	Low-temperature integration of lead-based ferroelectric capacitors on Si with diffusion barrier layer. Applied Physics Letters, 2002, 80, 3599-3601.	1.5	32
54	Systematic structural and chemical characterization of the transition layer at the interface of NO-annealed 4H-SiC/SiO2 metal-oxide-semiconductor field-effect transistors. Journal of Applied Physics, 2013, 113, .	1.1	31

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55	Chemical ordering in Zn1â^'xFexSe alloys. Applied Physics Letters, 1992, 61, 2302-2304.	1.5	30
56	Pulsed laser deposition and processing of wide band gap semiconductors and related materials. Journal of Electronic Materials, 1999, 28, 275-286.	1.0	30
57	Magnetic Properties of Ultrathin Laminated Co/Cu Films Prepared by Electrodeposition. Journal of the Electrochemical Society, 2002, 149, C439.	1.3	30
58	Control of domain structure of epitaxial PbZr0.2Ti0.8O3 thin films grown on vicinal (001) SrTiO3 substrates. Applied Physics Letters, 2001, 79, 2805-2807.	1.5	28
59	Sp2 carbon embedded in Al-6061 and Al-7075 alloys in the form of crystalline graphene nanoribbons. Carbon, 2016, 107, 56-66.	5.4	28
60	Synthetic Crystals of Silver with Carbon: 3D Epitaxy of Carbon Nanostructures in the Silver Lattice. Advanced Functional Materials, 2015, 25, 4768-4777.	7.8	27
61	Photoluminescence and optical absorption in CaS : Eu²⁺ : Sm³⁺ thin films. Journal of Materials Research, 1992, 7, 411-417.	1.2	26
62	Ordering in (La,Sr)(Al,Ta)O₃ substrates. Journal of Materials Research, 2003, 18, 1698-1704.	1.2	26
63	Long-Term Cr Poisoning Effect on LSCF-GDC Composite Cathodes Sintered at Different Temperatures. Journal of the Electrochemical Society, 2016, 163, F1091-F1099.	1.3	26
64	Structural and magnetic properties of electrodeposited Co/Cu multilayers. Journal of Magnetism and Magnetic Materials, 1999, 198-199, 52-54.	1.0	25
65	Structural and magnetic fourfold symmetry of Co/Cu multilayers electrodeposited on Si(001) substrates. Journal of Applied Physics, 1998, 84, 1504-1507.	1.1	23
66	Correlation between oxidation resistance and crystallinity of Tiâ€“Al as a barrier layer for high-density memories. Acta Materialia, 2000, 48, 3387-3394.	3.8	23
67	Attachment of DNA probes on gallium arsenide surface. Applied Physics Letters, 2003, 83, 192-194.	1.5	23
68	Optimized structural properties of wurtzite GaN on SiC(0001) grown by molecular beam epitaxy. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2000, 18, 1915-1918.	0.9	21
69	Characterization of carbon nanostructures in Al and Ag covetic alloys. Carbon, 2017, 111, 309-321.	5.4	21
70	Low-temperature heat capacity of magnetic graphite intercalation compounds. Physical Review B, 1983, 28, 4799-4809.	1.1	20
71	Electron-beam-induced damage and structure ofSbCl5-graphite intercalation compounds. Physical Review B, 1986, 33, 2738-2748.	1.1	19
72	Microstructure of laserâ€deposited superconducting Nd1.85Ce0.15CuO4â^'yfilms. Applied Physics Letters, 1993, 62, 3022-3024.	1.5	19

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73	Wide band gap MgZnSSe grown on (001) GaAs by molecular beam epitaxy. Applied Physics Letters, 1995, 66, 3462-3464.	1.5	19
74	Ordering and stability of Pb1â^'xEuxTe alloys. Journal of Applied Physics, 1988, 63, 1504-1508.	1.1	17
75	Dislocation nucleation mechanism in nitrogen-doped ZnSe/GaAs. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 1994, 69, 301-313.	0.8	17
76	Giant magnetoresistance of electrodeposited CoNiCu/Cu multilayers. Scripta Metallurgica Et Materialia, 1995, 33, 1643-1646.	1.0	17
77	Topochemical Anion Metathesis Routes to the Zr2N2S Phases and the Na2S and ACl Derivatives (A = Na,) Tj ETQq1 1 0.784314 rgBT /O	6.6	17
78	Unusual Metalâ^'Insulator Transitions in the LaTi1-xVxO3Perovskite Phases. Chemistry of Materials, 1996, 8, 418-427.	3.2	16
79	Pulsed laser deposition of titanium nitride films on sapphire. Journal of Materials Research, 1999, 14, 3298-3302.	1.2	16
80	Origin of antiphase domain boundaries and their effect on the dielectric constant of Ba0.5Sr0.5TiO3 films grown on MgO substrates. Applied Physics Letters, 2002, 81, 4398-4400.	1.5	16
81	ZnO nanorod-smectic liquid crystal composites: Role of ZnO particle size, shape, and concentration on liquid crystal order and currentâ€“voltage properties. Journal of Applied Physics, 2014, 115, .	1.1	16
82	Characteristics of oxygen overâ€reduced Nd1.85Ce0.15CuO4â^'y films. Applied Physics Letters, 1995, 66, 2137-2139.	1.5	15
83	Depth profile study of ferroelectric PbZr0.2Ti0.8O3 films. Journal of Applied Physics, 2002, 92, 6762-6767.	1.1	15
84	Raman microscopy of intercalated graphite fibers. Carbon, 1986, 24, 73-76.	5.4	14
85	Temperature dependence of photoluminescence in SrS:Eu^2+, Sm^3+ thin films. Journal of the Optical Society of America B: Optical Physics, 1993, 10, 1464.	0.9	14
86	Superconducting and structural properties of Nd2â^'xCexCuO4â^'ythin films on perovskite and fluorite substrates. Journal of Applied Physics, 1994, 75, 2119-2124.	1.1	14
87	Structural characterization and microwave loss of Nd1.85Ce0.15CuO4â^'ysuperconducting thin films on yttriaâ€stabilized zirconia buffered sapphire. Applied Physics Letters, 1994, 64, 375-377.	1.5	14
88	The concept of high angle wedge polishing and thickness monitoring in TEM sample preparation. Ultramicroscopy, 2001, 88, 171-178.	0.8	14
89	Size and shape evolution of embedded single-crystal Î±-Fe nanowires. Applied Physics Letters, 2005, 87, 203110.	1.5	14
90	Nanocarbon-copper thin film as transparent electrode. Applied Physics Letters, 2015, 106, 193108.	1.5	14

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91	Structural characterization of Zn1â^'xCoxSe epilayers on GaAs(001). Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1989, 7, 1360-1365.	0.9	13
92	Misfit strain induced tweed-twin transformation on composition modulation Zn1â^'xMgxSxSe1â^'y layers and the quality control of the ZnSe buffer/GaAs interface. Journal of Electronic Materials, 1995, 24, 155-162.	1.0	13
93	Role of Ge on film quality of SiC grown on Si. Journal of Applied Physics, 2002, 91, 668-671.	1.1	13
94	Self-organized ordering in self-assembled quantum dot superlattices. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2002, 88, 143-152.	1.7	13
95	Suppression of antiphase domain boundary formation in Ba0.5Sr0.5TiO3 films grown on vicinal MgO substrates. Applied Physics Letters, 2004, 85, 2905-2907.	1.5	13
96	The effect of intercalation on the thermal conductivity of benzene-derived carbon fibers. Solid State Communications, 1986, 58, 265-268.	0.9	12
97	Transmission electron microscopy studies of bismuth films. Journal of Materials Research, 1990, 5, 784-788.	1.2	12
98	Imaging of defects and recrystallization studies in ion implanted graphite. Nuclear Instruments & Methods in Physics Research B, 1985, 7-8, 487-492.	0.6	11
99	High-resolution transmission electron microscopy on KHxâ€“GIC's. Journal of Materials Research, 1986, 1, 177-186.	1.2	11
100	Dislocation nucleation mechanism and doping effect in p-type ZnSe/GaAs. Journal of Electronic Materials, 1994, 23, 275-281.	1.0	11
101	Raman microprobe observation of intercalate contraction in graphite intercalation compounds. Physical Review B, 1985, 31, 2451-2455.	1.1	10
102	Molecular-beam epitaxy growth and nitrogen doping of hexagonal ZnSe and ZnCdSe/ZnSe quantum well structures on hexagonal ZnMgSSe bulk substrates. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2000, 18, 1711.	1.6	10
103	Growth of GaN on SiC(0001) by Molecular Beam Epitaxy. Physica Status Solidi A, 2001, 188, 595-599.	1.7	10
104	Laser Deposited Cubic Boron Nitride Films. Materials Research Society Symposia Proceedings, 1990, 191, 55.	0.1	9
105	Growth and characterization of hexagonal (Zn,Mg)(S,Se) bulk substrates. Journal of Crystal Growth, 2000, 212, 83-91.	0.7	9
106	Nearly perfect 3D ordering in IVâ€“VI quantum dot superlattices with ABCABC... vertical stacking sequence. Physica E: Low-Dimensional Systems and Nanostructures, 2000, 7, 870-875.	1.3	9
107	Preferred orientation of DNA oligonucleotide probes on the (2Ã—4) reconstructed surface of (001) GaAs. Journal of Applied Physics, 2004, 95, 6021-6024.	1.1	9
108	Synthesis and characterization of copper-nanocarbon films with enhanced stability. Carbon, 2017, 122, 336-343.	5.4	9

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109	The ideal resistivity of an acceptor graphite intercalation compound. Synthetic Metals, 1986, 16, 93-97.	2.1	8
110	Structural comparison of Nd2â˜'xCexCuO4â˜'y single crystals and polycrystals. Physica C: Superconductivity and Its Applications, 1993, 208, 79-85.	0.6	8
111	Formation of nanometer-thick delaminated amorphous carbon layer by two-step plasma processing of methacrylate-based polymer. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2015, 33, .	0.6	8
112	Transformationâ€Induced Magnetoelasticity in FeGa Alloys. Advanced Engineering Materials, 2019, 21, 1900399.	1.6	8
113	Electron beam-induced crystallization of Al2O3 gate layer on Î²-Ga2O3 MOS capacitors. Micron, 2021, 140, 102954.	1.1	8
114	Stability of group IV-VI semiconductor alloys. Physical Review B, 1989, 39, 10995-11000.	1.1	7
115	Enhanced high-field transport critical current density of superconducting bulk Y-Ba-Cu-O prepared by rapid solidification and directional annealing. Physical Review B, 1992, 46, 8509-8514.	1.1	7
116	Role of oxygen partial pressure and seed layer chemistry in flux mediated epitaxy of single phase multiferroic BiFeO3 thin films. Applied Physics Letters, 2008, 93, 192906.	1.5	7
117	Magnetic properties of Al doped TbMnO3 thin films grown by pulsed laser deposition. Journal of Applied Physics, 2012, 112, .	1.1	7
118	Thermal expansion coefficient of SbCl5-graphite intercalation compounds. Carbon, 1986, 24, 261-266.	5.4	6
119	Effect of substrate materials on laser deposited Nd_{1.85}Ce_{0.15}CuO_{4â˜'y} films. Journal of Materials Research, 1994, 9, 1376-1383.	1.2	6
120	Microstructural studies of photoluminescent thin films of SrS: Eu2+, Sm3+. Journal of Crystal Growth, 1994, 141, 165-174.	0.7	6
121	<title>Transmission electrom microscopy (TEM) defect studies of molecular beam epitaxy (MBE) grown ZnS<formula><inf><roman>x</roman></inf></formula>Se<formula><inf><roman>1-x</roman></inf></formula>/GaAs interface</title>. , 1994, 2228, 144.		6
122	Strain relaxation in AlSb/GaSb heterostructures. Solid-State Electronics, 2002, 46, 1643-1649.	0.8	6
123	Magnetoelectric relaxation in rhombohedral LiNbO3-CoFe2O4. Applied Physics Letters, 2012, 100, .	1.5	6
124	Microstructural Evolution of Severely Plastically Deformed Sensitized Aluminum 5456â€<scp>H</scp>116 Treated by Ultrasonic Impact Treatment. Advanced Engineering Materials, 2013, 15, 1105-1110.	1.6	6
125	Analysis of the electronic and chemical structure in boron and phosphorus passivated 4H-SiC/SiO2 interfaces using HRTEM and STEM-EELS. Applied Physics Letters, 2018, 113, .	1.5	6
126	Structure of ion implanted graphite fibers. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1984, 81, 803-808.	0.2	6

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127	Physical and Mechanical Characterization of a Nanocarbon Infused Aluminum-Matrix Composite. Materials Performance and Characterization, 2014, 3, 20130023.	0.2	6
128	Atomic layer epitaxy and characterization of InP and InAs/InP heterostructures. Journal of Crystal Growth, 1994, 145, 332-337.	0.7	5
129	Magnetoresistive Properties of Quasiperiodic Metallic Multilayers. Materials Research Society Symposia Proceedings, 1996, 451, 419.	0.1	5
130	Electrical transport and magnetic properties of a possible electron-doped layered manganese oxide. Physical Review B, 2000, 61, 4141-4145.	1.1	5
131	Phase diagram of lateral and vertical ordering in self-organized PbSe quantum dot superlattice grown MBE. Journal of Crystal Growth, 2001, 227-228, 1126-1131.	0.7	5
132	A Tem study of Epitaxial FE/AG and MN/AG Superlattices. Materials Research Society Symposia Proceedings, 1989, 160, 209.	0.1	4
133	Preferentially Oriented Cubic Boron Nitride Films Grown on Si (001) Substrates by Ion Assisted Pulsed Laser Deposition. Materials Research Society Symposia Proceedings, 1992, 285, 513.	0.1	4
134	On the generation of a cross grid of extended screw-type misfit dislocations on the ZnS_xSe_{1-x}/GaAs interface. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 1995, 71, 883-899.	0.8	4
135	Direct experimental study of the microscopic remagnetization mechanism in Co/Cu magnetic superlattices. Journal of Magnetism and Magnetic Materials, 1999, 198-199, 477-479.	1.0	4
136	SiC/Si(111) film quality as a function of GeH4 flow in an MOCVD reactor. Journal of Electronic Materials, 2000, 29, 359-363.	1.0	4
137	Formation of the (La_{0.67}Sr_{0.33})₂MnO₄ Phase in Laâ€“Srâ€“Mnâ€“O Thin Films by Pulsed Laser Deposition. Journal of Materials Research, 2000, 15, 1524-1527.	1.2	4
138	Structural Characterization of GaN Nanowires Fabricated via Direct Reaction of Ga Vapor and Ammonia. Materials Research Society Symposia Proceedings, 2001, 675, 1.	0.1	4
139	Magnetization reversal in epitaxial highly anisotropic CoFe2O4 hetero-structures. Journal of Applied Physics, 2015, 117, 17B727.	1.1	4
140	Tunable mechanical behavior of graphene nanoribbon-metal composites fabricated through an electrocharge-assisted process. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 800, 140289.	2.6	4
141	Defect Structures in Epitaxially Grown InAs Films on InP Substrates. Materials Research Society Symposia Proceedings, 1991, 238, 95.	0.1	3
142	Ordered Structures of Zn1â^'xFexSe Epilayers Grown on InP and GaAs Substrates. Materials Research Society Symposia Proceedings, 1993, 312, 213.	0.1	3
143	Double Periodicity Formation in EuTe/PbTe Superlattices. Materials Research Society Symposia Proceedings, 1995, 399, 543.	0.1	3
144	Observation of [100] and [010] dark line defects in optically degraded znsse-based leds by transmission electron microscopy. Journal of Electronic Materials, 1996, 25, 239-243.	1.0	3

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145	Growth Mechanism and Structure of Ain Films Grown on Sapphire by MOCVD. Materials Research Society Symposia Proceedings, 1997, 482, 229.	0.1	3
146	TEM investigation of self-organized PbSe quantum dots as a function of spacer layer thickness and growth temperature. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2001, 80, 104-107.	1.7	3
147	Role of Pb excess in the crystallization of lead zirconate titanate films derived via sol-gel processing. Journal of Materials Research, 2003, 18, 1405-1411.	1.2	3
148	Characterization of a-Si:H resists for a vacuum-compatible photolithography process. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2004, 22, 1141.	1.6	3
149	In situ elevated temperature transmission electron microscopy of sensitized aluminumâ€“magnesium alloy treated by ultrasonic impact treatment. Journal of Materials Research, 2014, 29, 1456-1462.	1.2	3
150	Characterization of the Oxide-Semiconductor Interface in 4H-SiC/SiO2 Structures using TEM and XPS. Microscopy and Microanalysis, 2015, 21, 1537-1538.	0.2	3
151	Three Dimensional Microstructural Characterization of Cathode Degradation in SOFCs Using FIB/SEM and TEM. Microscopy and Microanalysis, 2015, 21, 2161-2162.	0.2	3
152	Teaching an Old Material New Tricks: Easy and Inexpensive Focused Ion Beam (FIB) Sample Protection Using Conductive Polymers. Microscopy and Microanalysis, 2017, 23, 872-877.	0.2	3
153	Analytical electron microscopy of (2 Â¯ 01) Î²-Ga2O3/SiO2 and (2 Â¯ 01) Î²-Ga2O3/Al2O3 interface structures in MOS capacitors. Journal of Applied Physics, 2021, 129, 195705.	1.1	3
154	Magnetic Heat Capacity of Stage 2 Graphite-Coc12. Materials Research Society Symposia Proceedings, 1982, 20, 213.	0.1	2
155	Commensurate-Glass Phase Transitions in Staged Sbcl5-GIC. Materials Research Society Symposia Proceedings, 1982, 20, 9.	0.1	2
156	Initial Stages of Growth of Epitaxial InAs Films on InP Substrate. Materials Research Society Symposia Proceedings, 1992, 263, 79.	0.1	2
157	Role of a nucleation layer in suppressing interfacial pitting in. Journal of Electronic Materials, 1993, 22, 383-389.	1.0	2
158	Very low defect density ZnSe grown on GaAs by atmospheric pressure metal organic chemical vapor deposition. Materials Chemistry and Physics, 1996, 45, 88-91.	2.0	2
159	The Reduction of The Defect Density in CdTe Buffer Layers for The Growth of HgCdTe Infrared Photodiodes on Si (211) Substrates. Materials Research Society Symposia Proceedings, 1997, 487, 607.	0.1	2
160	The Nanofabrication of Quantum Wires for the Next Generation of Thermoelectrics. Materials Research Society Symposia Proceedings, 1998, 545, 209.	0.1	2
161	TEM Study of Bulk AlN Growth by Physical Vapor Transport. Materials Research Society Symposia Proceedings, 1999, 595, 1.	0.1	2
162	Radiation-Induced Failure Mechanisms of GaAs-Based Biochips. IEEE Transactions on Device and Materials Reliability, 2004, 4, 192-197.	1.5	2

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163	Transport Properties and Electron Microscopy Studies of Ion Implanted Graphite. Materials Research Society Symposia Proceedings, 1983, 27, 487.	0.1	1
164	Structural Studies Of (ZnSe/FeSe) Superlattices By Transmission Electron Microscopy. Materials Research Society Symposia Proceedings, 1991, 238, 683.	0.1	1
165	Structural study of epitaxial MN/AG multilayers. Journal of Electronic Materials, 1991, 20, 719-722.	1.0	1
166	Transmission Electron Microscopy of Nitrogen Doped ZnSe/GaAs. Materials Research Society Symposia Proceedings, 1992, 281, 561.	0.1	1
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