

# Chee Leung Mak

## List of Publications by Year in descending order

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147  
papers

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148  
docs citations

148  
times ranked

5776  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Interfacial Antiferromagnetic Coupling Between Ferrimagnetic Garnet Thin Films. IEEE Transactions on Magnetics, 2022, 58, 1-5.	1.2	2
2	Modulating Antiferromagnetic La <sub>0.35</sub> Sr <sub>0.65</sub> MnO <sub>3</sub> via Low-Voltage Pulsing Across a Ferroelectric Copolymer Gate Dielectric. IEEE Transactions on Magnetics, 2022, 58, 1-5.	1.2	0
3	Multistep nucleation visualized during solid-state crystallization. Materials Horizons, 2022, 9, 1670-1678.	6.4	6
4	Visualization of Bubble Nucleation and Growth Confined in 2D Flakes. Small, 2021, 17, e2103301.	5.2	9
5	Visualization of Bubble Nucleation and Growth Confined in 2D Flakes (Small 39/2021). Small, 2021, 17, 2170205.	5.2	1
6	Modulating Magnetism in Ferroelectric Polymer-Gated Perovskite Manganite Films with Moderate Gate Pulse Chains. ACS Applied Materials & Interfaces, 2020, 12, 56541-56548.	4.0	4
7	Exchange bias effect in epitaxial La <sub>0.35</sub> Sr <sub>0.65</sub> MnO <sub>3</sub> /La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> bilayers: Impact of antiferromagnet growth conditions. Vacuum, 2020, 175, 109280.	1.6	5
8	Effect of Thickness on the Optical and Electrical Properties of ITO/Au/ITO Sandwich Structures. ACS Applied Materials & Interfaces, 2020, 12, 13437-13446.	4.0	17
9	Interfacial Tm <sup>3+</sup> moment-driven anomalous Hall effect in Pt/Tm <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> heterostructure. Journal of Magnetism and Magnetic Materials, 2020, 501, 166454.	1.0	0
10	Enhanced Anomalous Hall Effect in Pt/CoO Heterostructures by Ferrimagnetic Insulator Gating. ACS Applied Electronic Materials, 2019, 1, 1099-1104.	2.0	3
11	Valence Engineering via Selective Atomic Substitution on Tetrahedral Sites in Spinel Oxide for Highly Enhanced Oxygen Evolution Catalysis. Journal of the American Chemical Society, 2019, 141, 8136-8145.	6.6	220
12	Fabrication and Characterization of Epitaxial Gd-Doped SBN Thin Films. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800660.	0.8	3
13	Flexible Energy Storage System—An Introductory Review of Textile-Based Flexible Supercapacitors. Processes, 2019, 7, 922.	1.3	25
14	Rectify Effect of P-dot:PSS/WS <sub>2</sub> Heterostructure. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800829.	0.8	10
15	Observable Two-Step Nucleation Mechanism in Solid-State Formation of Tungsten Carbide. ACS Nano, 2019, 13, 681-688.	7.3	32
16	Raman studies of MoS <sub>2</sub> under strain at different uniaxial directions. Vacuum, 2018, 153, 274-276.	1.6	14
17	Heteroepitaxial growth of ferroelectric films on Si substrates and their applications in waveguides and electro-optics. Journal of Alloys and Compounds, 2018, 749, 967-971.	2.8	3
18	Half-metallic and magnetic semiconducting behaviors of metal-doped blue phosphorus nanoribbons from first-principles calculations. Physical Chemistry Chemical Physics, 2018, 20, 7635-7642.	1.3	18

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19	Three-dimensional macroporous graphene monoliths with entrapped MoS <sub>2</sub> nanoflakes from single-step synthesis for high-performance sodium-ion batteries. RSC Advances, 2018, 8, 2477-2484.	1.7	13
20	Bias-switchable negative and positive photoconductivity in 2D FePS <sub>3</sub> ultraviolet photodetectors. Nanotechnology, 2018, 29, 244001.	1.3	67
21	Effect of post-annealing on laser-ablation deposited WS <sub>2</sub> thin films. Vacuum, 2018, 152, 239-242.	1.6	9
22	Magnetotransport properties of Ca <sub>0.8</sub> La <sub>0.2</sub> IrO <sub>3</sub> epitaxial films. Materials Letters, 2018, 213, 135-137.	1.3	1
23	Development of Orthogonal Resilient Materials for Tuned Mass Dampers. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2018, , 585-593.	0.2	1
24	Enhanced tunability of electrical and magnetic properties in (La,Sr)MnO <sub>3</sub> thin films via field-assisted oxygen vacancy modulation. Solid-State Electronics, 2017, 138, 56-61.	0.8	6
25	Effect of post-annealing on sputtered MoS <sub>2</sub> films. Solid-State Electronics, 2017, 138, 62-65.	0.8	10
26	Superior acidic catalytic activity and stability of Fe-doped HTaWO <sub>6</sub> nanotubes. Nanoscale, 2017, 9, 11126-11136.	2.8	8
27	Spin-Valve Junction With Transfer-Free MoS <sub>2</sub> Spacer Prepared by Sputtering. IEEE Transactions on Magnetics, 2017, 53, 1-5.	1.2	10
28	Structural, magnetic and transport properties of fully epitaxial LaMnO <sub>3</sub> /LaAlO <sub>3</sub> multilayers. Materials Letters, 2017, 205, 230-232.	1.3	2
29	Remote-controlled optics experiment for supporting senior high school and undergraduate teaching. , 2017, , .		1
30	Studies of interface characteristics of fine-grain ferroelectric based glass-ceramic composites using impedance spectroscopy. Journal of Alloys and Compounds, 2016, 682, 196-202.	2.8	3
31	WS <sub>2</sub> nanotube formation by sulphurization: Effect of precursor tungsten film thickness and stress. Materials Chemistry and Physics, 2016, 181, 352-358.	2.0	12
32	Commercial Dacron cloth supported Cu(OH) <sub>2</sub> nanobelt arrays for wearable supercapacitors. Journal of Materials Chemistry A, 2016, 4, 14781-14788.	5.2	78
33	Atomic-Scale Mechanism on Nucleation and Growth of Mo <sub>2</sub> C Nanoparticles Revealed by in Situ Transmission Electron Microscopy. Nano Letters, 2016, 16, 7875-7881.	4.5	28
34	Highly sensitive glucose sensors based on enzyme-modified whole-graphene solution-gated transistors. Scientific Reports, 2015, 5, 8311.	1.6	167
35	Improved performance of asymmetric fiber-based micro-supercapacitors using carbon nanoparticles for flexible energy storage. Journal of Materials Chemistry A, 2015, 3, 15633-15641.	5.2	33
36	High-performance fiber-shaped supercapacitors using carbon fiber thread (CFT)@polyaniline and functionalized CFT electrodes for wearable/stretchable electronics. Nano Energy, 2015, 11, 662-670.	8.2	134

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37	Flexible solid-state fiber-shaped supercapacitors based on organic-inorganic hybrid electrodes for wearable energy storage. , 2014, , .		0
38	Enhancing the capacitive performance of a textile-based CNT supercapacitor. RSC Advances, 2014, 4, 64890-64900.	1.7	46
39	Optical, ferroelectric and magnetic properties of multiferroelectric BiFeO <sub>3</sub> (K <sub>0.5</sub> Na <sub>0.5</sub> ) <sub>0.4</sub> (Sr <sub>0.6</sub> Ba <sub>0.4</sub> ) <sub>0.8</sub> Nb <sub>2</sub> O <sub>6</sub> thin films. Journal of Alloys and Compounds, 2014, 586, 448-455.	2.8	4
40	ITO/Au/ITO Sandwich Structure for Near-Infrared Plasmonics. ACS Applied Materials & Interfaces, 2014, 6, 15743-15752.	4.0	58
41	Highly enhanced sinterability of fine-grained Ba <sub>0.6</sub> Sr <sub>0.4</sub> TiO <sub>3</sub> ~MgO bulk ceramics and in-situ nanocomposite thick films. Ceramics International, 2014, 40, 10475-10481.	2.3	3
42	Phase transitions and optical characterization of lead-free piezoelectric (K <sub>0.5</sub> Na <sub>0.5</sub> ) <sub>0.96</sub> Li <sub>0.04</sub> (Nb <sub>0.8</sub> Ta <sub>0.2</sub> )O <sub>3</sub> thin films. Thin Solid Films, 2013, 537, 156-162.	0.8	16
43	Complex impedance and magnetoelectric effect analyses of a novel three-ply-structured (Tb <sub>0.3</sub> Dy <sub>0.7</sub> ) <sub>0.75</sub> Pr <sub>0.25</sub> Fe <sub>1.55</sub> ~Pb(Zr <sub>0.53</sub> Ti <sub>0.47</sub> )O <sub>3</sub> nanoceramic composites. Journal of Alloys and Compounds, 2013, 554, 450-457.	2.8	9
44	Facile hydrothermal synthesis of hydrotropic Cu <sub>2</sub> ZnSnS <sub>4</sub> nanocrystal quantum dots: band-gap engineering and phonon confinement effect. Journal of Materials Chemistry A, 2013, 1, 3182.	5.2	147
45	Facile synthesis of ultrafine Cu <sub>2</sub> ZnSnS <sub>4</sub> nanocrystals by hydrothermal method for use in solar cells. Thin Solid Films, 2013, 535, 39-43.	0.8	42
46	Low Temperature Hybrid Processing Technology of Fine Electronic Ceramics. , 2013, , .		1
47	Fabrication and Characterization of ZnO Nanorod Arrays Grown on Nickel-Coated Polyester Fiber. Advanced Materials Research, 2012, 463-464, 385-393.	0.3	1
48	Phase transitions and electrical characterizations of (K <sub>0.5</sub> Na <sub>0.5</sub> ) <sub>2</sub> (Sr <sub>0.6</sub> Ba <sub>0.4</sub> ) <sub>5</sub> ~Nb <sub>10</sub> O <sub>30</sub> (KNSBN) ceramics with ~unfilled~™ and ~filled~™ tetragonal tungsten~bronze (TTB) crystal structure. Journal of the European Ceramic Society, 2012, 32, 4353-4361.	2.8	43
49	Understanding the formation of ultrafine spinel CoFe <sub>2</sub> O <sub>4</sub> nanoplatelets and their magnetic properties. Journal of Applied Physics, 2012, 112, .	1.1	39
50	Effects of Ca-dopant on the pyroelectric, piezoelectric and dielectric properties of (Sr <sub>0.6</sub> Ba <sub>0.4</sub> ) <sub>4</sub> Na <sub>2</sub> Nb <sub>10</sub> O <sub>30</sub> ceramics. Journal of Alloys and Compounds, 2012, 544, 87-93.	2.8	35
51	Impedance spectroscopic characterization of fine-grained magnetoelectric Pb(Zr <sub>0.53</sub> Ti <sub>0.47</sub> )O <sub>3</sub> ~(Ni <sub>0.5</sub> Zn <sub>0.5</sub> )Fe <sub>2</sub> O <sub>4</sub> ceramic composites. Journal of Alloys and Compounds, 2012, 513, 165-171.	2.8	43
52	Pyroelectric properties and electrical conductivity in samarium doped BiFeO <sub>3</sub> ceramics. Journal of Alloys and Compounds, 2012, 527, 157-162.	2.8	43
53	Inelastic light scattering studies of diffuse phase transition in ferroelectric Sr <sub>&lt;sub&gt;1.9&lt;/sub&gt;&lt;/sub&gt;Ca&lt;sub&gt;0.1&lt;/sub&gt;&lt;/sub&gt;NaNb&lt;sub&gt;5&lt;/sub&gt;O&lt;sub&gt;15&lt;/sub&gt; thin films. Journal of Raman Spectroscopy, 2012, 43, 326-330.</sub>	1.2	11
54	Effects of site substitutions and concentration on upconversion luminescence of Er <sup>3+</sup> -doped perovskite titanate. Optics Express, 2011, 19, 1824.	1.7	149

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55	Studies of Rare-Earth-Doped BiFeO <sub>3</sub> Ceramics. International Journal of Applied Ceramic Technology, 2011, 8, 1246-1253.	1.1	80
56	Preparation and characteristics of fine-grained ferroelectric glass-ceramic composites via a modified hybrid route at low temperature sintering. Journal of Electroceramics, 2011, 27, 126-133.	0.8	6
57	Effects of stress on the optical properties of epitaxial Nd-doped Sr <sub>0.5</sub> Ba <sub>0.5</sub> Nb <sub>2</sub> O <sub>6</sub> films. AIP Advances, 2011, 1, .	0.6	14
58	Pyroelectric properties of BiFeO <sub>3</sub> ceramics prepared by a modified solid-state-reaction method. Applied Physics A: Materials Science and Processing, 2010, 99, 211-216.	1.1	32
59	Optical properties of rare-earth doped epitaxial Sr <sub>0.5</sub> Ba <sub>0.5</sub> Nb <sub>2</sub> O <sub>6</sub> thin films grown by pulsed laser deposition. Thin Solid Films, 2010, 519, 52-57.	0.8	13
60	Inexpensive, flexible and low-resistive fabrics electrodes for flexible devices. , 2010, , .		0
61	Epitaxial Sr <sub>1.8</sub> Ca <sub>0.2</sub> NaNb <sub>5</sub> O <sub>15</sub> thin film waveguides grown by pulsed laser deposition: Optical properties and microstructure. Journal of Applied Physics, 2009, 106, .	1.1	6
62	Sr <sub>1.8</sub> Ca <sub>0.2</sub> NaNb <sub>5</sub> O <sub>15</sub> films for electro-optic modulator application. Journal Physics D: Applied Physics, 2009, 42, 105114.	1.3	8
63	Effects of Rare-Earth Dopants on the Ferroelectric and Pyroelectric Properties of Strontium Barium Niobate Ceramics. International Journal of Applied Ceramic Technology, 2009, 6, 671-678.	1.1	21
64	Temperature dependent Raman scattering of the epitaxial Sr <sub>1.9</sub> Ca <sub>0.1</sub> NaNb <sub>5</sub> O <sub>15</sub> film. Thin Solid Films, 2009, 517, 4822-4825.	0.8	4
65	Thermo-optic properties of epitaxial Sr <sub>0.6</sub> Ba <sub>0.4</sub> Nb <sub>2</sub> O <sub>6</sub> waveguides and their application as optical modulator. Optics Express, 2009, 17, 13677.	1.7	15
66	Electro-optic properties of epitaxial Sr <sub>0.6</sub> Ba <sub>0.4</sub> Nb <sub>2</sub> O <sub>6</sub> films grown on MgO substrates using Li <sub>x</sub> Ni <sub>2-x</sub> O buffer layer. Applied Physics A: Materials Science and Processing, 2008, 92, 397-400.	1.1	11
67	Wet pre-treatment of poly(butylene) terephthalate-poly(ethylene) terephthalate blend and subsequent metallization by electroplating. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 3535-3540.	0.8	2
68	Coating carbon nanotubes by spontaneous oxidative polymerization of dopamine. Carbon, 2008, 46, 1795-1797.	5.4	432
69	Structure and dielectric properties of highly (100)-oriented PST thin films deposited on MgO substrates. Thin Solid Films, 2008, 516, 5296-5299.	0.8	9
70	Effect of Mg doping on ferroelectric PST thin films for high tunable devices. Materials Chemistry and Physics, 2008, 108, 417-420.	2.0	23
71	Fabrication and Electro-optic Properties of Ferroelectric Nanocrystal/Polymer Composite Films. Journal of Physical Chemistry C, 2008, 112, 14202-14208.	1.5	14
72	Blue-shift and intensity enhancement of photoluminescence in lead-zirconate-titanate-doped silica nanocomposites. Nanotechnology, 2008, 19, 035702.	1.3	13

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73	Magnetoelectric and dielectric relaxation properties of the high Curie temperature composite Sr <sub>1.9</sub> Ca <sub>0.1</sub> Nb <sub>5</sub> O <sub>15</sub> ∕CoFe <sub>2</sub> O <sub>4</sub> . Journal Physics D: Applied Physics, 2008, 41, 125402.	1.3	8
74	Growth and Optical Properties of (KNa) <sub>0.1</sub> (Sr <sub>0.61</sub> Ba <sub>0.39</sub> ) <sub>0.9</sub> Nb <sub>2</sub> O <sub>6</sub> Thin Films by Pulsed Laser Deposition. Japanese Journal of Applied Physics, 2007, 46, 1063-1066.	0.8	1
75	Optical waveguiding in epitaxial Sr <sub>1.8</sub> Ca <sub>0.2</sub> Nb <sub>5</sub> O <sub>15</sub> films integrated on Si(0∕1) substrates. Journal Physics D: Applied Physics, 2007, 40, 749-753.	1.3	4
76	Epitaxial growth and dielectric properties of Pb <sub>0.4</sub> Sr <sub>0.6</sub> TiO <sub>3</sub> thin films on (00l)-oriented metallic Li <sub>0.3</sub> Ni <sub>0.7</sub> O <sub>2</sub> coated MgO substrates. Applied Physics Letters, 2007, 90, 262906.	1.5	24
77	Facile preparation of anatase/SiO <sub>2</sub> spherical nanocomposites and their application in self-cleaning textiles. Journal of Materials Chemistry, 2007, 17, 3504.	6.7	127
78	Fabrication of c-axis oriented potassium-doped Sr <sub>0.6</sub> Ba <sub>0.4</sub> Nb <sub>2</sub> O <sub>6</sub> thin films on Si substrates by pulsed laser deposition method. Thin Solid Films, 2007, 515, 3475-3479.	0.8	15
79	Functionalizing Polyester Fiber with a Self-Cleaning Property Using Anatase TiO <sub>2</sub> and Low-Temperature Plasma Treatment. International Journal of Applied Ceramic Technology, 2007, 4, 554-563.	1.1	108
80	Self-cleaning cotton. Journal of Materials Chemistry, 2006, 16, 4567.	6.7	213
81	Preparation and Characterization of SrAl <sub>2</sub> O <sub>4</sub> :Eu <sup>2+</sup> , Dy <sup>3+</sup> Doped Polymer Composites. Molecular Crystals and Liquid Crystals, 2006, 447, 223/[541]-232/[550].	0.4	0
82	Time-resolved photoluminescence of barium titanate ultrafine powders. Journal of Applied Physics, 2006, 99, 064103.	1.1	43
83	Liquid Phase Electrochemical Route to Carbon Nanotubes at Room Temperature. , 2006, , .		2
84	Optical properties of epitaxial and polycrystalline Sr <sub>1.8</sub> Ca <sub>0.2</sub> Nb <sub>5</sub> O <sub>15</sub> thin-film waveguides grown by pulsed laser deposition. Journal of Applied Physics, 2006, 100, 033507.	1.1	8
85	Fabrication and characterization of epitaxial Sr <sub>0.6</sub> Ba <sub>0.4</sub> Nb <sub>2</sub> O <sub>6</sub> /La <sub>0.7</sub> Sr <sub>0.3</sub> CoO <sub>3</sub> heterostructures. Applied Surface Science, 2006, 252, 4829-4833.	3.1	14
86	Pulsed laser deposition of superhydrophobic thin Teflon films on cellulosic fibers. Thin Solid Films, 2006, 515, 835-837.	0.8	56
87	Growth of highly orientated strontium barium niobate thin films on Si substrates through the sol-gel process using a K: SBN template layer. Journal of Materials Science, 2006, 41, 7283-7287.	1.7	1
88	Preparation of highly c-axis oriented Sr <sub>0.6</sub> Ba <sub>0.4</sub> Nb <sub>2</sub> O <sub>6</sub> thin films grown on Silicon substrate by the sol-gel process. Materials Chemistry and Physics, 2006, 99, 10-14.	2.0	9
89	Spectroellipsometric studies of sol-gel derived Sr <sub>0.6</sub> Ba <sub>0.4</sub> Nb <sub>2</sub> O <sub>6</sub> films. Journal of Applied Physics, 2006, 100, 083524.	1.1	4
90	Fabrication and Characteristics of Sr <sub>0.6</sub> Ba <sub>0.4</sub> Nb <sub>2</sub> O <sub>6</sub> Films Prepared by Pulse Laser Deposition. Ferroelectrics, 2006, 332, 159-163.	0.3	10

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91	Optical properties of novel poled ferroelectric nanocrystals and polymer BaTiO <sub>3</sub> /PC composite films. , 2005, , .		0
92	Measurement of transverse electro-optic coefficient of Sr <sub>0.6</sub> Ba <sub>0.4</sub> Nb <sub>2</sub> O <sub>6</sub> thin film grown on MgO substrate with different content of potassium ions. Thin Solid Films, 2005, 488, 40-44.	0.8	13
93	Raman scattering study of La-, Nd- and Sm-substituted Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> . Applied Physics A: Materials Science and Processing, 2005, 80, 607-610.	1.1	28
94	Growth of orientation-controlled Pb(Mg,Nb)O <sub>3</sub> -PbTiO <sub>3</sub> thin films on Si(100) by using oriented MgO films as buffers. Applied Physics A: Materials Science and Processing, 2005, 81, 1145-1149.	1.1	10
95	Optical studies of 0.65PbMg <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> ~0.35PbTiO <sub>3</sub> thin films. Journal of the European Ceramic Society, 2005, 25, 2313-2317.	2.8	17
96	Optical properties of ferroelectric nanocrystal-containing polymer BaTiO <sub>3</sub> ~polycarbonate films. Journal of Applied Physics, 2005, 98, 024112.	1.1	4
97	Epitaxial growth and optical properties of Sr <sup>2+</sup> <sub>x</sub> CaxNaNb <sub>5</sub> O <sub>15</sub> thin films by pulsed laser deposition. Thin Solid Films, 2004, 449, 63-66.	0.8	6
98	Characteristics of Ba <sub>x</sub> Sr <sub>1-x</sub> TiO <sub>3</sub> thin films grown by pulsed laser ablation of rotating split targets of BaTiO <sub>3</sub> and SrTiO <sub>3</sub> . Applied Physics A: Materials Science and Processing, 2004, 78, 1049-1052.	1.1	9
99	Optical properties of Ba <sub>0.5</sub> Sr <sub>0.5</sub> TiO <sub>3</sub> thin films grown on MgO substrates by pulsed laser deposition. Ceramics International, 2004, 30, 1745-1748.	2.3	33
100	Preparation of BaTiO <sub>3</sub> Thin Films of Micrometer Range Thickness by Pulsed Laser Deposition on (001)LaAlO <sub>3</sub> Substrates. Japanese Journal of Applied Physics, 2004, 43, 6292-6296.	0.8	4
101	Effects of composition of PbTiO <sub>3</sub> on optical properties of (1-x)PbMg <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> ~xPbTiO <sub>3</sub> thin films. Physical Review B, 2004, 69, .	1.1	46
102	Spectroellipsometric studies of 0.9PbMg <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> -0.1PbTiO <sub>3</sub> thin films. Journal of Materials Science: Materials in Electronics, 2003, 14, 345-348.	1.1	1
103	Epitaxial lithium fluoride films grown by pulsed laser deposition. Applied Physics A: Materials Science and Processing, 2003, 77, 693-696.	1.1	14
104	Photodegradation of volatile organic compounds (VOCs) and NO for indoor air purification using TiO <sub>2</sub> : promotion versus inhibition effect of NO. Applied Catalysis B: Environmental, 2003, 42, 119-129.	10.8	200
105	Compositionally graded epitaxial barium strontium titanate thin films derived from pulsed laser deposition. Materials Chemistry and Physics, 2003, 79, 164-168.	2.0	16
106	Nonlinear optical properties in CdS/silica nanocomposites. Microelectronic Engineering, 2003, 66, 171-179.	1.1	14
107	Structural, Dielectric, and Thermal Properties of Strontium Barium Niobate~Doped Fused Silica Nanocomposites. Journal of the American Ceramic Society, 2003, 86, 1333-1337.	1.9	9
108	High tunability in compositionally graded epitaxial barium strontium titanate thin films by pulsed-laser deposition. Applied Physics Letters, 2003, 82, 2877-2879.	1.5	136

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109	Spectroscopic ellipsometry study of epitaxially grown Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> ∕PbTiO <sub>3</sub> /MgO/TiN/Si heterostructures. Applied Physics Letters, 2003, 83, 1599-1601.	1.5	26
110	Optical studies of transparent ferroelectric strontium∕barium niobate/silica nanocomposite. Journal of Applied Physics, 2003, 94, 3422-3426.	1.1	21
111	Selective growth of (100)-, (110)-, and (111)-oriented MgO films on Si(100) by pulsed laser deposition. Journal of Applied Physics, 2002, 91, 5728-5734.	1.1	38
112	Effects of Sr <sub>0.6</sub> Ba <sub>0.4</sub> Nb <sub>2</sub> O <sub>6</sub> Self-Template Layer on the Structural Properties of Sol-Gel Derived Sr <sub>0.6</sub> Ba <sub>0.4</sub> Nb <sub>2</sub> O <sub>6</sub> Films. Japanese Journal of Applied Physics, 2002, 41, 6806-6809.	0.8	2
113	Optical studies of ZnS:Mn films grown by pulsed laser deposition. Journal of Applied Physics, 2002, 92, 3636-3640.	1.1	32
114	PHOTOELECTROCATALYTIC OXIDATION OF RHODAMINE B IN AQUEOUS SOLUTION USING Ti/TiO <sub>2</sub> MESH PHOTOELECTRODES. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2002, 37, 55-69.	0.9	10
115	Evidence of the influence of phonon density on Tm <sup>3+</sup> upconversion luminescence in tellurite and germanate glasses. Journal of Applied Physics, 2002, 91, 1871-1874.	1.1	94
116	Orientation selective growth of MgO films on Si (100) by pulsed laser deposition. Applied Physics A: Materials Science and Processing, 2002, 74, 703-706.	1.1	10
117	The orientation-selective growth of LaNiO <sub>3</sub> films on Si(100) by pulsed laser deposition using a MgO buffer. Applied Physics A: Materials Science and Processing, 2002, 75, 545-549.	1.1	8
118	Thickness-dependent structural characteristics of sol∕gel-derived epitaxial (PbZr)TiO <sub>3</sub> films using inorganic zirconium salt. Journal of Crystal Growth, 2002, 235, 307-312.	0.7	8
119	Preparation and optical properties of transparent ferroelectric SBN doped silica nanocomposites. Ferroelectrics, 2001, 264, 75-80.	0.3	0
120	Growth of highly oriented of Pb(Zrx, Ti1-x)O <sub>3</sub> film on porous silicon. Thin Solid Films, 2001, 397, 1-3.	0.8	6
121	Low∕temperature Preparation and Size Effect of Strontium Barium Niobate Ultrafine Powder. Journal of the American Ceramic Society, 2001, 84, 79-84.	1.9	33
122	Epitaxial growth of (PbZr)TiO <sub>3</sub> films on LaAlO <sub>3</sub> by sol-gel method using inorganic zirconium source. Materials Research Bulletin, 2001, 36, 2667-2675.	2.7	3
123	Novel route for the epitaxial growth of (SrBa)Nb <sub>2</sub> O <sub>6</sub> thick films by the sol-gel method using a self-template layer. Journal of Materials Research, 2001, 16, 3179-3183.	1.2	5
124	Low-temperature growth and characterization of epitaxial La <sub>0.5</sub> Sr <sub>0.5</sub> CoO <sub>3</sub> /Pb(Zr <sub>0.52</sub> Ti <sub>0.48</sub> )O <sub>3</sub> /La <sub>0.5</sub> Sr <sub>0.5</sub> CoO <sub>3</sub> capacitors on SrTiO <sub>3</sub> /TiN buffered Si(001) substrates. Journal Physics D: Applied Physics, 2001, 34, 1587-1591.	1.3	5
125	Spectroellipsometric study of sol∕gel derived potassium sodium strontium barium niobate films. Journal of Applied Physics, 2001, 89, 4491-4496.	1.1	13
126	Photoluminescence of transparent strontium∕barium∕niobate-doped silica nanocomposites. Applied Physics Letters, 2001, 79, 4310-4312.	1.5	11



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128	Epitaxial Pb(Zr <sub>0.52</sub> Ti <sub>0.48</sub> )O <sub>3</sub> /La <sub>0.35</sub> Nd <sub>0.35</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> heterostructures for fabrication of ferroelectric field-effect transistor. Journal of Applied Physics, 2000, 88, 2068-2071.	1.1	31
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134	Fabrication and structural properties of sol-gel derived SBN films. Journal of the European Ceramic Society, 1999, 19, 1443-1446.	2.8	4
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