I-Nan Lin

List of Publications by Year
in descending order

245 papers	3,283 citations	159358 30 h-index	253896 43 g-index
250 all docs	250 docs citations	250 times ranked	2200 citing authors

#	Article	IF	Citations
1	Forces driving amalgamation of nanoparticles and particles in solution. Forces in Mechanics, 2022, 7, 100076.	1.3	3
2	Hydrogenation of diamond nanowire surfaces for effective electrostatic charge storage. Nanoscale, 2021, 13, 7308-7321.	2.8	4
3	Single-step synthesis of core-shell diamond-graphite hybrid nano-needles as efficient supercapacitor electrode. Electrochimica Acta, 2021, 397, 139267.	2.6	4
4	Gold Nanostructures and Microstructures with Tunable Aspect Ratios for High-Speed Uni- and Multidirectional Photonic Applications. ACS Applied Nano Materials, 2020, 3, 9410-9424.	2.4	6
5	Single-step grown boron doped nanocrystalline diamond-carbon nanograss hybrid as an efficient supercapacitor electrode. Nanoscale, 2020, 12, 10117-10126.	2.8	23
6	Development of gold tiny particles and particles in different sizes at varying precursor concentration. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2020, 11, 015006.	0.7	7
7	Investigation of the spectral characteristics of silicon-vacancy centers in ultrananocrystalline diamond nanostructures and single crystalline diamond. Journal of Applied Physics, 2020, 127, 035302.	1.1	0
8	Direct synthesis of electrowettable nanostructured hybrid diamond. Journal of Materials Chemistry A, 2019, 7, 19026-19036.	5.2	9
9	Controlling morphology-structure of gold tiny particles, nanoparticles and particles at different pulse rates and pulse polarity. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2019, 10, 025015.	0.7	8
10	Laser-Patternable Graphene Field Emitters for Plasma Displays. Nanomaterials, 2019, 9, 1493.	1.9	5
11	Formation of tiny particles and their extended shapes: origin of physics and chemistry of materials. Applied Nanoscience (Switzerland), 2019, 9, 1367-1382.	1.6	14
12	Origin of Conductive Nanocrystalline Diamond Nanoneedles for Optoelectronic Applications. ACS Applied Materials & Interfaces, 2019, 11, 25388-25398.	4.0	16
13	3D Hierarchical Boron-Doped Diamond-Multilayered Graphene Nanowalls as an Efficient Supercapacitor Electrode. Journal of Physical Chemistry C, 2019, 123, 15458-15466.	1.5	35
14	Boron-Doped Nanocrystalline Diamondâ€"Carbon Nanospike Hybrid Electron Emission Source. ACS Applied Materials & Interfaces, 2019, 11, 48612-48623.	4.0	13
15	Microwave cavity perturbation of nitrogen doped nano-crystalline diamond films. Carbon, 2019, 145, 740-750.	5.4	19
16	Phase transitions and critical phenomena of tiny grains carbon films synthesized in microwaveâ€based vapor deposition system. Surface and Interface Analysis, 2019, 51, 389-399.	0.8	15
17	Tribological Properties of Ultrananocrystalline Diamond Films: Mechanochemical Transformation of Sliding Interfaces. Scientific Reports, 2018, 8, 283.	1.6	31
18	Triboenvironment Dependent Chemical Modification of Sliding Interfaces in Ultrananocrystalline Diamond Nanowall Film: Correlation with Friction and Wear. Journal of Physical Chemistry C, 2018, 122, 945-956.	1.5	22

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19	Effective thermal and mechanical properties of polycrystalline diamond films. Journal of Applied Physics, 2018, 123, .	1.1	14
20	Tribological Properties of Ultrananocrystalline Diamond Films in Inert and Reactive Tribo-Atmospheres: XPS Depth-Resolved Chemical Analysis. Journal of Physical Chemistry C, 2018, 122, 8602-8613.	1.5	18
21	Self-organized multi-layered grapheneâ€"boron-doped diamond hybrid nanowalls for high-performance electron emission devices. Nanoscale, 2018, 10, 1345-1355.	2.8	57
22	Predictor Packing in Developing Unprecedented Shaped Colloidal Particles. Nano, 2018, 13, 1850109.	0.5	10
23	Low Temperature Synthesis of Lithium-Doped Nanocrystalline Diamond Films with Enhanced Field Electron Emission Properties. Nanomaterials, 2018, 8, 653.	1.9	7
24	Evolution of Granular Structure and the Enhancement of Electron Field Emission Properties of Nanocrystalline and Ultrananocrystalline Diamond Films Due to Plasma Treatment Process. ACS Applied Materials & Interfaces, 2018, 10, 28726-28735.	4.0	9
25	Microstructural Effect on the Enhancement of Field Electron Emission Properties of Nanocrystalline Diamond Films by Li-Ion Implantation and Annealing Processes. ACS Omega, 2018, 3, 9956-9965.	1.6	7
26	Fabrication, microstructure, and enhanced thermionic electron emission properties of vertically aligned nitrogen-doped nanocrystalline diamond nanorods. MRS Communications, 2018, 8, 1311-1320.	0.8	1
27	High-Performance Electron Field Emitters and Microplasma Cathodes Based on Conductive Hybrid Granular Structured Diamond Materials. ACS Applied Materials & Interfaces, 2017, 9, 4916-4925.	4.0	12
28	Enhancement of plasma illumination characteristics of few-layer graphene-diamond nanorods hybrid. Nanotechnology, 2017, 28, 065701.	1.3	17
29	Interfacial effects in ZnO nanotubes/needle-structured graphitic diamond nanohybrid for detecting dissolved acetone at room temperature. Applied Surface Science, 2017, 426, 630-638.	3.1	3
30	Nanoscale investigation of enhanced electron field emission for silver ion implanted/post-annealed ultrananocrystalline diamond films. Scientific Reports, 2017, 7, 16325.	1.6	18
31	Straight imaging and mechanism behind grain boundary electron emission in Pt-doped ultrananocrystalline diamond films. Carbon, 2017, 111, 8-17.	5.4	12
32	Nitrogen Incorporated Ultrananocrystalline Diamond Microstructures From Biasâ€Enhanced Microwave N₂/CH₄â€Plasma Chemical Vapor Deposition. Plasma Processes and Polymers, 2016, 13, 419-428.	1.6	15
33	Ellipsometric investigation of nitrogen doped diamond thin films grown in microwave CH4/H2/N2 plasma enhanced chemical vapor deposition. Applied Physics Letters, 2016, 108, .	1.5	32
34	Improvement of electron field emission properties of nanocrystalline diamond films by a plasma post-treatment process for cathode application in microplasma devices. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2016, 34, .	0.6	5
35	Hierarchical hexagonal boron nitride nanowallâ€"diamond nanorod heterostructures with enhanced optoelectronic performance. RSC Advances, 2016, 6, 90338-90346.	1.7	9
36	The enhancement of the electron field emission behavior of diamond/CNTs materials via the plasma post-treatment process for the applications in triode-type vacuum field emission transistor. , 2016, , .		0

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37	Engineered design and fabrication of long lifetime multifunctional devices based on electrically conductive diamond ultrananowire multifinger integrated cathodes. Journal of Materials Chemistry C, 2016, 4, 9727-9737.	2.7	5
38	Enhanced optoelectronic performances of vertically aligned hexagonal boron nitride nanowalls-nanocrystalline diamond heterostructures. Scientific Reports, 2016, 6, 29444.	1.6	13
39	Highly sensitive pH dependent acetone sensor based on ultrananocrystalline diamond materials at room temperature. RSC Advances, 2016, 6, 102821-102830.	1.7	3
40	Growth, structural and plasma illumination properties of nanocrystalline diamond-decorated graphene nanoflakes. RSC Advances, 2016, 6, 63178-63184.	1.7	19
41	Plasma post-treatment process for enhancing electron field emission properties of ultrananocrystalline diamond films. Diamond and Related Materials, 2016, 63, 197-204.	1.8	7
42	Enhancement of plasma illumination characteristics via typical engineering of diamondâ€"graphite nanocomposite films. CrystEngComm, 2016, 18, 1800-1808.	1.3	1
43	Synthesis of ultra-nano-carbon composite materials with extremely high conductivity by plasma post-treatment process of ultrananocrystalline diamond films. Applied Physics Letters, 2015, 107, .	1.5	6
44	Fast Photoresponse and Long Lifetime UV Photodetectors and Field Emitters Based on ZnO/Ultrananocrystalline Diamond Films. Chemistry - A European Journal, 2015, 21, 16017-16026.	1.7	23
45	Heterogranular-Structured Diamondâ€"Gold Nanohybrids: A New Long-Life Electronic Display Cathode. ACS Applied Materials & Interfaces, 2015, 7, 27078-27086.	4.0	15
46	Microstructural Evolution of Nanocrystalline Diamond Films Due to CH₄/Ar/H₂ Plasma Post-Treatment Process. ACS Applied Materials & Interfaces, 2015, 7, 21844-21851.	4.0	4
47	High Stability Electron Field Emitters Synthesized via the Combination of Carbon Nanotubes and N₂-Plasma Grown Ultrananocrystalline Diamond Films. ACS Applied Materials & Interfaces, 2015, 7, 27526-27538.	4.0	20
48	Catalytically induced nanographitic phase by a platinum-ion implantation/annealing process to improve the field electron emission properties of ultrananocrystalline diamond films. Journal of Materials Chemistry C, 2015, 3, 2632-2641.	2.7	23
49	Highly Conductive Diamondâ€"Graphite Nanohybrid Films with Enhanced Electron Field Emission and Microplasma Illumination Properties. ACS Applied Materials & Interfaces, 2015, 7, 14035-14042.	4.0	13
50	Microstructure and friction behaviour in nanocrystalline diamond films. Philosophical Magazine, 2015, 95, 886-905.	0.7	2
51	Role of Carbon Nanotube Interlayer in Enhancing the Electron Field Emission Behavior of Ultrananocrystalline Diamond Coated Si-Tip Arrays. ACS Applied Materials & Interfaces, 2015, 7, 7732-7740.	4.0	10
52	Superlubrication properties of ultra-nanocrystalline diamond film sliding against a zirconia ball. RSC Advances, 2015, 5, 100663-100673.	1.7	23
53	The microstructural evolution of ultrananocrystalline diamond films due to P ion implantation and annealing process-dosage effect. Diamond and Related Materials, 2015, 54, 47-54.	1.8	7
54	Direct observation and mechanism for enhanced field emission sites in platinum ion implanted/post-annealed ultrananocrystalline diamond films. Applied Physics Letters, 2014, 105, .	1.5	9

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55	On the role of graphite in ultrananocrystalline diamond films used for electron field emitter applications (Phys. Status Solidi A 10â̂•2014). Physica Status Solidi (A) Applications and Materials Science, 2014, 211, n/a-n/a.	0.8	1
56	On the role of graphite in ultrananocrystalline diamond films used for electron field emitter applications. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2223-2237.	0.8	4
57	An amperometric urea bisosensor based on covalent immobilization of urease on N2 incorporated diamond nanowire electrode. Biosensors and Bioelectronics, 2014, 56, 64-70.	5.3	39
58	Electron Field Emission Enhancement of Vertically Aligned Ultrananocrystalline Diamondâ€Coated ZnO Coreâ€"Shell Heterostructured Nanorods. Small, 2014, 10, 179-185.	5.2	23
59	Development of microplasma based UV sources using diamond nanostructured cathodes. , 2014, , .		0
60	Anomalous Behavior of Loadâ€Dependent Friction on Ultraâ€Nanocrystalline Diamond Film. Advanced Engineering Materials, 2014, 16, 1098-1104.	1.6	5
61	Change of diamond film structure and morphology with N₂ addition in MW PECVD apparatus with linear antenna delivery system. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2296-2301.	0.8	7
62	Enhancement on the stability of electron field emission behavior of carbon nanotubes by coating ultrananocrystalline diamond films. , 2014, , .		0
63	Development of long lifetime cathode materials for microplasma application. RSC Advances, 2014, 4, 47865-47875.	1.7	22
64	Enhancing the stability of microplasma device utilizing diamond coated carbon nanotubes as cathode materials. Applied Physics Letters, 2014, 104, .	1.5	14
65	Enhancement of the Stability of Electron Field Emission Behavior and the Related Microplasma Devices of Carbon Nanotubes by Coating Diamond Films. ACS Applied Materials & Interfaces, 2014, 6, 11589-11597.	4.0	24
66	Enhancement of the Electron Field Emission Properties of Ultrananocrystalline Diamond Films via Hydrogen Post-Treatment. ACS Applied Materials & Interfaces, 2014, 6, 14543-14551.	4.0	20
67	The role of nanographitic phase on enhancing the electron field emission properties of hybrid granular structured diamond films: the electron energy loss spectroscopic studies. Journal Physics D: Applied Physics, 2014, 47, 415303.	1.3	22
68	Bias-Enhanced Nucleation and Growth Processes for Ultrananocrystalline Diamond Films in Ar/CH₄ Plasma and Their Enhanced Plasma Illumination Properties. ACS Applied Materials & Interfaces, 2014, 6, 10566-10575.	4.0	26
69	Direct Observation and Mechanism for Enhanced Electron Emission in Hydrogen Plasma-Treated Diamond Nanowire Films. ACS Applied Materials & Interfaces, 2014, 6, 8531-8541.	4.0	34
70	Development of diamond cathode materials for enhancing the electron field emission and plasma characteristics using two-step microwave plasma enhanced chemical vapor deposition process. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2014, 32, 021202.	0.6	6
71	In vitro and in vivo evaluation of ultrananocrystalline diamond as an encapsulation layer for implantable microchips. Acta Biomaterialia, 2014, 10, 2187-2199.	4.1	18
72	Enhanced Electron Field Emission Properties of Conducting Ultrananocrystalline Diamond Films after Cu and Au Ion Implantation. ACS Applied Materials & Interfaces, 2014, 6, 4911-4919.	4.0	16

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73	Diamond electron emission. MRS Bulletin, 2014, 39, 533-541.	1.7	21
74	Electron Field Emission Enhancement of Vertically Aligned Ultrananocrystalline Diamond-Coated ZnO Coreâ€"Shell Heterostructured Nanorods. , 2014, 10, 179.		1
75	In situ detection of dopamine using nitrogen incorporated diamond nanowire electrode. Nanoscale, 2013, 5, 1159.	2.8	80
76	N-ion implantation of microâ€nanocrystalline duplex structured diamond films for enhancing their electron field emission properties. Surface and Coatings Technology, 2013, 228, S331-S335.	2.2	4
77	Structural and Electrical Properties of Conducting Diamond Nanowires. ACS Applied Materials & Interfaces, 2013, 5, 1294-1301.	4.0	36
78	The â€œcascade effectâ€• of nano/micro hierarchical structure: A new concept for designing the high photoactivity materials â€" An example for TiO2. Applied Catalysis B: Environmental, 2013, 142-143, 752-760.	10.8	11
79	Bias enhanced nucleation and growth processes for improving the electron field emission properties of diamond films. Surface and Coatings Technology, 2013, 228, S175-S178.	2.2	7
80	The role of nano-graphite phase on enhancing the plasma illumination characteristics of the diamond-coated inverted pyramidal cavities. Thin Solid Films, 2013, 529, 147-152.	0.8	1
81	Direct observation of enhanced emission sites in nitrogen implanted hybrid structured ultrananocrystalline diamond films. Journal of Applied Physics, 2013, 113, 054311.	1.1	10
82	Improvement in Tribological Properties by Modification of Grain Boundary and Microstructure of Ultrananocrystalline Diamond Films. ACS Applied Materials & Interfaces, 2013, 5, 3614-3624.	4.0	37
83	Synthesis of diamond nanotips for enhancing the plasma illumination characteristics of capacitive-type plasma devices. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2013, 31, 02B109.	0.6	8
84	Effects of high energy Au-ion irradiation on the microstructure of diamond films. Journal of Applied Physics, 2013, 113, 113704.	1.1	38
85	The potential application of ultra-nanocrystalline diamond films for heavy ion irradiation detection. AIP Advances, 2013, 3, .	0.6	8
86	STM observation of surface transfer doping mechanism in 3 keV nitrogen ion implanted UNCD films. , 2013, , .		0
87	Using an Au interlayer to enhance electron field emission properties of ultrananocrystalline diamond films. Journal of Applied Physics, 2012, 112, 103711.	1.1	14
88	Direct observation and mechanism of increased emission sites in Fe-coated microcrystalline diamond films. Journal of Applied Physics, 2012, 111, .	1.1	7
89	Bias-enhanced nucleation and growth processes for improving the electron field emission properties of diamond films. Journal of Applied Physics, 2012, 111, .	1.1	26
90	Modification of ultrananocrystalline diamond film microstructure via Fe-coating and annealing for enhancement of electron field emission properties. Journal of Applied Physics, 2012, 112, 033708.	1.1	1

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91	The 3D-tomography of the nano-clusters formed by Fe-coating and annealing of diamond films for enhancing their surface electron field emitters. AIP Advances, 2012, 2, 032153.	0.6	1
92	Electrophoresis of Nanodiamond on the Growth of Ultrananocrystalline Diamond Films on Silicon Nanowires and the Enhancement of the Electron Field Emission Properties. Journal of Physical Chemistry C, 2012, 116, 19867-19876.	1.5	29
93	The induction of a graphite-like phase by Fe-coating/post-annealing process to improve the electron field emission properties of ultrananocrystalline diamond films. Diamond and Related Materials, 2012, 24, 188-194.	1.8	6
94	The synthesis of diamond nano-tips for enhancing the plasma illumination characteristics of the capacitive type plasma devices. , 2012, , .		0
95	Fabrication of nitrogen-doped ultrananocrystalline diamond nanowire arrays with enhanced field emission and plasma illumination performance. , 2012, , .		0
96	Engineering the Interface Characteristics of Ultrananocrystalline Diamond Films Grown on Au-Coated Si Substrates. ACS Applied Materials & Interfaces, 2012, 4, 4169-4176.	4.0	32
97	Microplasma illumination enhancement of vertically aligned conducting ultrananocrystalline diamond nanorods. Nanoscale Research Letters, 2012, 7, 522.	3.1	24
98	Tribological properties of ultrananocrystalline diamond and diamond nanorod films. Surface and Coatings Technology, 2012, 207, 535-545.	2.2	19
99	Nanocrystalline diamond microstructures from Ar/H2/CH4-plasma chemical vapour deposition. CrystEngComm, 2011, 13, 6082.	1.3	33
100	Freestanding Ultrananocrystalline Diamond Films with Homojunction Insulating Layer on Conducting Layer and Their High Electron Field Emission Properties. ACS Applied Materials & Interfaces, 2011, 3, 4007-4013.	4.0	23
101	Modification on the Microstructure of Ultrananocrystalline Diamond Films for Enhancing Their Electron Field Emission Properties via a Two-Step Microwave Plasma Enhanced Chemical Vapor Deposition Process. Journal of Physical Chemistry C, 2011, 115, 13894-13900.	1.5	17
102	Defect structure for the ultra-nanocrystalline diamond films synthesized in H2-containing Ar/CH4 plasma. Diamond and Related Materials, 2011, 20, 368-373.	1.8	6
103	The induction of a graphite-like phase on diamond films by a Fe-coating/post-annealing process to improve their electron field emission properties. Journal of Applied Physics, 2011, 109, 084309.	1.1	10
104	Microstructure evolution and the modification of the electron field emission properties of diamond films by gigaelectron volt Au-ion irradiation. AIP Advances, 2011, 1, .	0.6	2
105	Enhanced electron field emission properties by tuning the microstructure of ultrananocrystalline diamond film. Journal of Applied Physics, 2011, 109, .	1.1	29
106	Structural and electronic properties of nitrogen ion implanted ultra nanocrystalline diamond surfaces. Journal of Applied Physics, 2011, 110, 044304.	1.1	37
107	Electron field emission properties of carbon nanoflakes prepared by RF sputtering. Journal of Materials Science: Materials in Electronics, 2010, 21, 926-931.	1.1	4
108	Effect of gigaelectron volt Au-ion irradiation on the characteristics of ultrananocrystalline diamond films. Journal of Applied Physics, 2010, 108, 123712.	1.1	9

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109	Effect of H2/Ar plasma on growth behavior of ultra-nanocrystalline diamond films: The TEM study. Diamond and Related Materials, 2010, 19, 138-142.	1.8	18
110	Effect of N2 addition in Ar plasma on the development of microstructure of ultra-nanocrystalline diamond films. Diamond and Related Materials, 2010, 19, 147-152.	1.8	17
111	On the mechanism of enhancing the nucleation behavior of UNCD films by Mo-coating. Diamond and Related Materials, 2010, 19, 134-137.	1.8	14
112	Origin of platelike granular structure for the ultrananocrystalline diamond films synthesized in H2-containing Ar/CH4 plasma. Journal of Applied Physics, 2010, 107, .	1.1	37
113	Enhancement in electron field emission in ultrananocrystalline and microcrystalline diamond films upon 100 MeV silver ion irradiation. Journal of Applied Physics, 2009, 105, 083707.	1.1	11
114	Growth behavior of nanocrystalline diamond films on ultrananocrystalline diamond nuclei: The transmission electron microscopy studies. Journal of Applied Physics, 2009, 105, .	1.1	18
115	Field Emission Enhancement in Ion Implanted Ultraâ€nanocrystalline Diamond Films. Plasma Processes and Polymers, 2009, 6, S834.	1.6	5
116	Characteristics of Optical Emission Spectra Induced by Laser Beams and Crystallization of PBZNZT Thin Films. Plasma Processes and Polymers, 2009, 6, S817-S821.	1.6	0
117	Self-Assembled Growth, Microstructure, and Field-Emission High-Performance of Ultrathin Diamond Nanorods. ACS Nano, 2009, 3, 1032-1038.	7.3	119
118	Effect of Mo-buffer layer on the growth behavior and the electron field emission properties of UNCD films. Diamond and Related Materials, 2009, 18, 181-185.	1.8	6
119	Synthesis of diamond using ultra-nanocrystalline diamonds as seeding layer and their electron field emission properties. Diamond and Related Materials, 2009, 18, 136-140.	1.8	19
120	Transparent ultrananocrystalline diamond films on quartz substrate. Diamond and Related Materials, 2008, 17, 476-480.	1.8	11
121	Fabrication and field emission properties of ultra-nanocrystalline diamond lateral emitters. Diamond and Related Materials, 2008, 17, 776-781.	1.8	10
122	Effects of Tungsten Metal Coatings on Enhancing the Characteristics of Ultrananocrystalline Diamond Films. Journal of Physical Chemistry C, 2008, 112, 3759-3765.	1.5	19
123	Field emission effects of nitrogenated carbon nanotubes on chlorination and oxidation. Journal of Applied Physics, 2008, 104, 063710.	1.1	18
124	On the enhancement of field emission performance of ultrananocrystalline diamond coated nanoemitters. Applied Physics Letters, 2007, 91, 063117.	1.5	27
125	Effects of pretreatment processes on improving the formation of ultrananocrystalline diamond. Journal of Applied Physics, 2007, 101, 064308.	1.1	21
126	Far-infrared, Raman spectroscopy, and microwave dielectric properties of La(Mg0.5Ti(0.5â^'x)Snx)O3 ceramics. Journal of Applied Physics, 2007, 102, 064906.	1.1	48

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127	Fabrication of an ultra-nanocrystalline diamond-coated silicon wire array with enhanced field-emission performance. Nanotechnology, 2007, 18, 435703.	1.3	27
128	Effect of SnO2 on improvement on the microwave dielectric properties of Ba2Ti9O20. Journal of Electroceramics, 2007, 18, 167-173.	0.8	0
129	Pre-nucleation techniques for enhancing nucleation density and adhesion of low temperature deposited ultra-nanocrystalline diamond. Diamond and Related Materials, 2006, 15, 2046-2050.	1.8	21
130	Characteristics of ultra-nano-crystalline diamond films grown on the porous anodic alumina template. Diamond and Related Materials, 2006, 15, 324-328.	1.8	5
131	Improvement on the growth of ultrananocrystalline diamond by using pre-nucleation technique. Diamond and Related Materials, 2006, 15, 353-356.	1.8	34
132	Effect of titanium metal in the prenucleation of ultrananocrystalline diamond film growth at low substrate temperature. Diamond and Related Materials, 2006, 15, 1779-1783.	1.8	14
133	Development of X7R Type Base-Metal-Electroded BaTiO3Capacitor Materials by Co-Doping of MgO/Y2O3Additives. Ferroelectrics, 2006, 332, 35-39.	0.3	11
134	Characteristic of Ba2Ti9O20Microwave Dielectric Materials Prepared by Modified Co-Precipitation Method. Ferroelectrics, 2006, 332, 131-138.	0.3	1
135	Microwave Dielectric Properties of Ba2Ti9O20Materials Prepared by Reaction Sintering Process. Ferroelectrics, 2006, 332, 139-146.	0.3	0
136	Effect of SnO2 addition on the dielectric properties of Ba2Ti9O20 ceramics in the high-frequency regime. Journal of Applied Physics, 2006, 100, 094104.	1.1	6
137	PREPARATION OF HIGHLY TEXTURED ALN FILMS USING MO AND TI ELECTRODE FOR INTEGRATED ALN-BASED FILM BULK ACOUSTIC WAVE RESONATORS. Integrated Ferroelectrics, 2006, 80, 407-413.	0.3	1
138	Ultra-Fine Ba2Ti9O20 Powders Synthesized by Inverse Microemulsion Processing and their Microwave Dielectric Properties. Journal of the American Ceramic Society, 2005, 88, 3405-3411.	1.9	6
139	Preparation of PNN-PZT Thick Film on Pt/Ti/SiO2/Si Substrate by Laser Lift-Off Process. Integrated Ferroelectrics, 2005, 69, 135-141.	0.3	9
140	Effect of boron doping on the electron-field-emission properties of nanodiamond films. Journal of Applied Physics, 2005, 97, 054310.	1.1	40
141	Low Temperature Preparation of Pb(Zr0.52Ti0.48)O3Thin Films Using Pulsed Excimer Laser Annealing Process. Ferroelectrics, 2005, 328, 33-40.	0.3	2
142	On the preparation of Ni-carboxylates catalysts for growing single walled carbon nanotubes. Diamond and Related Materials, 2005, 14, 774-777.	1.8	1
143	Selective area growth of carbon nanostructure synthesized by catalyst-assisted conversion of nanodiamond films. Diamond and Related Materials, 2005, 14, 825-830.	1.8	1
144	MICROWAVE PROPERTIES OF BST AND BST/BMT THIN FILMS GROWN ON SAPPHIRE SUBSTRATE BY EVANESCENT MICROWAVE PROBE. Integrated Ferroelectrics, 2005, 77, 45-50.	0.3	2

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145	ENHANCEMENT ON CRYSTALLIZATION KINETICS OF Pb(Zr1 - xTix)O3 THIN FILMS PREPARED BY METAL-ORGANIC DECOMPOSITION PROCESS BY THE INCORPORATION OF NANO-POWDERS. Integrated Ferroelectrics, 2005, 75, 69-79.	0.3	0
146	Fabrication of CNTs on Ni-cap electron emitters by using prenucleation technique. Diamond and Related Materials, 2005, 14, 758-762.	1.8	2
147	Low Temperature Synthesis of AlN Films by ICP-Assisted Metalorganic Chemical Vapor Deposition Method. Integrated Ferroelectrics, 2004, 68, 95-103.	0.3	0
148	Characteristics of Pb(Zr, Ti)O3 Thin Films Deposited on Pt(Si) at Low Substrate Temperature by Using Ba(Mg1/3Ta2/3)O3 as Buffer Layer. Integrated Ferroelectrics, 2004, 67, 3-12.	0.3	1
149	Baseâ€Metalâ€Electroded BaTiO₃ Capacitor Materials with Duplex Microstructures. Journal of the American Ceramic Society, 2004, 87, 851-858.	1.9	6
150	Study of Microwave Dielectric Properties of Perovskite Thin Films by Near-Field Microscopy. Journal of Electroceramics, 2004, 13, 261-265.	0.8	4
151	Microwave Dielectric Mechanism Studied by Microwave Near-Field Microscopy and Raman Spectroscopy. Journal of Electroceramics, 2004, 13, 281-286.	0.8	3
152	Microstructure of X7R Type Base-Metal-Electroded BaTiO3 Capacitor Materials Co-Doped with MgO/Y2O3 Additives. Journal of Electroceramics, 2004, 13, 567-571.	0.8	10
153	Microwave Sintering of Base-Metal-Electroded BaTiO3 Capacitor Materials Co-Doped with MgO/Y2O3 Additives. Journal of Electroceramics, 2004, 13, 573-577.	0.8	10
154	Effect of Y2O3/MgO Co-doping on the electrical properties of base-metal-electroded BaTiO3 materials. Journal of the European Ceramic Society, 2004, 24, 1479-1483.	2.8	30
155	Pretreatment of Ni-carboxylates metal-organics for growing carbon nanotubes on silicon substrates. Diamond and Related Materials, 2004, 13, 1242-1248.	1.8	4
156	Growth Behavior of (Pr2/3Ca1/3)MnO3 Layer and the Buffering Effect on Pb(Zr, Ti)O3 Thin Films. Integrated Ferroelectrics, 2004, 67, 31-40.	0.3	0
157	Pretreatment of Fe(C7H15COO)3 metal-organics for growing carbon nanotubes on silicon substrates. Diamond and Related Materials, 2003, 12, 283-289.	1.8	2
158	Correlation of microwave dielectric properties and normal vibration modes of xBa(Mg1/3Ta2/3)O3â€"(1âˆ'x)Ba(Mg1/3Nb2/3)O3 ceramics: II. Infrared spectroscopy. Journal of Applied Physics, 2003, 94, 3365-3370.	1.1	44
159	Correlation of microwave dielectric properties and normal vibration modes of xBa(Mg1/3Ta2/3)O3â€"(1âˆ'x)Ba(Mg1/3Nb2/3)O3 ceramics: I. Raman spectroscopy. Journal of Applied Physics, 2003, 94, 3360-3364.	1.1	119
160	Ferroelectric Properties of Pb(Zr1 âˆ' x,Tix)O3 Prepared by Modified Metallo-Organic-Decomposition Process. Integrated Ferroelectrics, 2003, 52, 11-18.	0.3	0
161	Pulsed Laser Deposited Ba(Mg1/3Ta2/3)O3 Microwave Dielectric Thin Films. Integrated Ferroelectrics, 2003, 55, 887-894.	0.3	0
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