

Yongxiang Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9577416/publications.pdf>

Version: 2024-02-01

242
papers

8,250
citations

41323

49
h-index

62565

80
g-index

246
all docs

246
docs citations

246
times ranked

9061
citing authors

#	ARTICLE	IF	CITATIONS
1	Bi-functional NaBiF ₄ : Er ³⁺ , Tm ³⁺ nanoparticles for optical thermometry and anti-counterfeiting applications. <i>Optics and Laser Technology</i> , 2022, 145, 107529.	2.2	8
2	Soft X-ray Detectors Based on SnS Nanosheets for the Water Window Region. <i>Advanced Functional Materials</i> , 2022, 32, 2105038.	7.8	11
3	Machine Learning-Assisted Materials Design and Discovery of Low-Melting-Point Inorganic Oxides for Low-Temperature Cofired Ceramic Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 1554-1564.	3.2	5
4	Novel one-dimensional Ga ₂ O ₃ :Cr ³⁺ nanofibers with broadband emission for near infrared LED sources. <i>Journal of Luminescence</i> , 2022, 246, 118831.	1.5	4
5	Doped 2D SnS materials derived from liquid metal-solution for tunable optoelectronic devices. <i>Nanoscale</i> , 2022, 14, 6802-6810.	2.8	17
6	Enhanced Piezoelectric Properties Enabled by Engineered Low-Dimensional Nanomaterials. <i>ACS Applied Nano Materials</i> , 2022, 5, 12126-12142.	2.4	18
7	Improvement of gas sensing property for two-dimensional Ti ₃ C ₂ T _x treated with oxygen plasma by microwave energy excitation. <i>Ceramics International</i> , 2021, 47, 7728-7737.	2.3	25
8	Stretchable, flexible, and transparent SrAl ₂ O ₄ :Eu ²⁺ @TPU ultraviolet stimulated anti-counterfeiting film. <i>Chemical Engineering Journal</i> , 2021, 405, 126949.	6.6	54
9	Room temperature gas sensing under UV light irradiation for Ti ₃ C ₂ T _x MXene derived lamellar TiO ₂ -C/g-C ₃ N ₄ composites. <i>Applied Surface Science</i> , 2021, 535, 147666.	3.1	40
10	Tunable upconversion luminescence and enhanced temperature sensitive properties from Bi ₂ Ti ₂ O ₇ :Yb ³⁺ /Er ³⁺ nanofibers. <i>Journal of Materials Science</i> , 2021, 56, 9302-9314.	1.7	12
11	Wireless Microfluidic Sensor for Metal Ion Detection in Water. <i>ACS Omega</i> , 2021, 6, 9302-9309.	1.6	27
12	Electrical properties and temperature stability of SrTiO ₃ modified (Bi ^{1/2} Na ^{1/2})TiO ₃ BaTiO ₃ (K ^{1/2} Na ^{1/2})Ti ₂ FTQqO ₇ rgBT /Ov	1.9	7
13	Structure and Microwave Dielectric Properties of Gillespite-Type ACuSi ₄ O ₁₀ (A = Ca, Sr, Ba) Ceramics and Quantitative Prediction of the $Q \times 10^{-4}$ Value via Machine Learning. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 17817-17826.	4.0	21
14	Near infrared-stimulated heating behaviors and ultra-high temperature sensitivity in Bi ₂ Ti ₂ O ₇ :Yb ³⁺ /Ho ³⁺ nanofibers. <i>Journal of Alloys and Compounds</i> , 2021, 861, 158622.	2.8	11
15	In Situ Detection of Local Structure Transformation of 2D SnSe Nanosheets through Nanothermomechanical Behavior. <i>Physica Status Solidi - Rapid Research Letters</i> , 2021, 15, 2100121.	1.2	5
16	Bismuth layer-structured ferroelectrics with non-sheet-like polyhedral microstructures. <i>Journal of the American Ceramic Society</i> , 2021, 104, 4041-4048.	1.9	7
17	Tunable dual-mode photoluminescences from SrAl ₂ O ₄ : Eu/Yb nanofibers by different atmospheric annealing. <i>Journal of Alloys and Compounds</i> , 2021, 859, 158261.	2.8	10
18	Synthesis of diamond composites via microwave sintering and the improvement of mechanical properties induced by in-situ decomposition of Ti ₃ AlC ₂ . <i>Ceramics International</i> , 2021, 47, 13199-13206.	2.3	5

#	ARTICLE	IF	CITATIONS
19	A novel upconversion optical thermometers derived from non-thermal coupling levels of CaZnOS:Ti/Yb phosphors. <i>Journal of Solid State Chemistry</i> , 2021, 297, 122063.	1.4	24
20	Core-shell CsPbBr ₃ @Cs ₄ PbBr ₆ nanocrystals dispersed in thermoplastic polyurethane as writeable heat-resistant fluorescent inks. <i>Journal of Alloys and Compounds</i> , 2021, 865, 158768.	2.8	16
21	Kinetics-Driven One-Dimensional Growth of van der Waals Layered SnSe. <i>Journal of Physical Chemistry C</i> , 2021, 125, 12730-12737.	1.5	8
22	Stretchable and flexible Bi ₂ Ti ₄ O ₁₁ : Yb ³⁺ , Er ³⁺ @TPU film stimulated by near infrared for dynamic and multimodal anti-counterfeiting. <i>Journal of Alloys and Compounds</i> , 2021, 884, 161164.	2.8	6
23	A review on wireless sensors fabricated using the low temperature co-fired ceramic (LTCC) technology. <i>Australian Journal of Mechanical Engineering</i> , 2021, 19, 699-711.	1.5	4
24	Biocompatibility of borosilicate glass-ceramics based LTCC materials for microfluidic biosensor application. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 365-371.	1.1	1
25	Thermal expansion coefficient tailoring of LAS glass-ceramic for anodic bondable low temperature co-fired ceramic application. <i>Ceramics International</i> , 2020, 46, 4771-4777.	2.3	15
26	Fabrication of Smart Components by 3D Printing and Laser-Scribing Technologies. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 3928-3935.	4.0	50
27	A Room Temperature Hydrocarbon Electronic Nose Gas Sensor Based on Schottky and Heterojunction Diode Structures. <i>IEEE Electron Device Letters</i> , 2020, 41, 163-166.	2.2	3
28	Highly temperature-sensitive and blue upconversion luminescence properties of Bi ₂ Ti ₂ O ₇ :Tm ³⁺ /Yb ³⁺ nanofibers by electrospinning. <i>Chemical Engineering Journal</i> , 2020, 391, 123546.	6.6	73
29	Nanoscale Thermal Behavior of 2D SnSe Nanosheets. <i>Physica Status Solidi - Rapid Research Letters</i> , 2020, 14, 1900577.	1.2	5
30	Enhanced Thermal Stability of Halide Perovskite CsPbX ₃ Nanocrystals by a Facile TPU Encapsulation. <i>Advanced Optical Materials</i> , 2020, 8, 1901516.	3.6	53
31	Broadband Photodetectors: Liquid-Metal Synthesized Ultrathin SnS Layers for High-Performance Broadband Photodetectors (<i>Adv. Mater.</i> 45/2020). <i>Advanced Materials</i> , 2020, 32, 2070338.	11.1	2
32	Effects of the post-annealing reductive-atmosphere-sintered (K _{0.48} Na _{0.52})NbO ₃ lead-free piezoceramics. <i>Ceramics International</i> , 2020, 46, 27373-27380.	2.3	2
33	Piezoelectric Responses of Mechanically Exfoliated Two-Dimensional SnS ₂ Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 51662-51668.	4.0	45
34	Liquid-Metal Synthesized Ultrathin SnS Layers for High-Performance Broadband Photodetectors. <i>Advanced Materials</i> , 2020, 32, e2004247.	11.1	66
35	Development of a novel rectangular-circular grid filling pattern of fused deposition modeling in cellular lattice structures. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 108, 3419-3436.	1.5	10
36	The role of pre-alloyed powder combined with pressure-less microwave sintering on performance of superhard materials. <i>Journal of Alloys and Compounds</i> , 2020, 831, 154744.	2.8	6

#	ARTICLE	IF	CITATIONS
37	Ferroelectric photovoltaic and flexo-photovoltaic effects in $(1-x)(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3/\text{BiFeO}_3$ systems under visible light. <i>Journal of the American Ceramic Society</i> , 2020, 103, 4363-4372.	1.9	14
38	Liquid metal-based synthesis of high performance monolayer SnS piezoelectric nanogenerators. <i>Nature Communications</i> , 2020, 11, 3449.	5.8	128
39	Ultrafast Response and High Selectivity toward Acetone Vapor Using Hierarchical Structured TiO_2 Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13200-13207.	4.0	71
40	High-throughput synthesis and electrical properties of BNT-BT-KNN lead-free piezoelectric ceramics. <i>Journal of Materials Chemistry C</i> , 2020, 8, 3655-3662.	2.7	19
41	$x\text{LiNbO}_3-(1-x)(\text{K},\text{Na})\text{NbO}_3$ ceramics: A new class of phosphors with tunable upconversion luminescence by external electric field and excellent optical temperature sensing property. <i>Journal of Alloys and Compounds</i> , 2019, 770, 214-221.	2.8	15
42	The dielectric, thermal properties and crystallization mechanism of Li-Al-B-Si-O glass Ceramic systems as a new ULTCC material. <i>Ceramics International</i> , 2019, 45, 19689-19694.	2.3	12
43	Facile Chemical Bath Synthesis of SnS Nanosheets and Their Ethanol Sensing Properties. <i>Sensors</i> , 2019, 19, 2581.	2.1	21
44	In-Situ Monitoring and Diagnosing for Fused Filament Fabrication Process Based on Vibration Sensors. <i>Sensors</i> , 2019, 19, 2589.	2.1	44
45	Dielectric properties of $(\text{Al}_{3+1/4}\text{CNb}_{5+})$ co-doped CaTiSiO_5 ceramics at elevated temperature. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 132, 83-88.	1.9	4
46	Passive Wireless LC Proximity Sensor Based on LTCC Technology. <i>Sensors</i> , 2019, 19, 1110.	2.1	18
47	An LC Wireless Microfluidic Sensor Based on Low Temperature Co-Fired Ceramic (LTCC) Technology. <i>Sensors</i> , 2019, 19, 1189.	2.1	27
48	Mechanical strength enhancement of low temperature co-fired multilayer ceramic substrates by introducing residual stress. <i>Ceramics International</i> , 2019, 45, 10982-10990.	2.3	3
49	Investigation of the Structure-Property Effect of Phosphorus-Containing Polysulfone on Decomposition and Flame Retardant Epoxy Resin Composites. <i>Polymers</i> , 2019, 11, 380.	2.0	9
50	Colossal permittivity of (Li, Nb) co-doped TiO_2 ceramics. <i>Ceramics International</i> , 2019, 45, 11920-11926.	2.3	41
51	Flexural Properties and Fracture Behavior of CF/PEEK in Orthogonal Building Orientation by FDM: Microstructure and Mechanism. <i>Polymers</i> , 2019, 11, 656.	2.0	77
52	Non-stoichiometry Induced Switching Behavior of Ferroelectric Photovoltaic Effect in BaTiO_3 Ceramics. <i>Physica Status Solidi - Rapid Research Letters</i> , 2019, 13, 1900074.	1.2	4
53	Anodic bondable Li-Na-Al-B-Si-O glass-ceramics for Si - ULTCC heterogeneous integration. <i>Journal of the European Ceramic Society</i> , 2019, 39, 2419-2426.	2.8	7
54	Electrical and Thermomechanical Properties of Hybrid Materials based on ZnO and BaTiO_3 Nano Particles. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
55	Electric Field Reduction by Multi-layer Functionally Graded Material with Controlled Permittivity and Conductivity Distribution. , 2019, , . In situ synthesis of H ₂ Agg iron carbide ($\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \text{Tj ETQq0 0 0 rgBT /Overlock 1}$)		1
56	nanoparticles with a high coercivity and saturation magnetization. Journal of Alloys and Compounds, 2019, 781, 1069-1073.	2.8	16
57	Ammonia sensing properties of two-dimensional tin disulphide/tin oxides (SnS ₂ /SnO _{2-x}) mixed phases. Journal of Alloys and Compounds, 2019, 781, 440-449.	2.8	28
58	Preparation and electrical properties of a new-type intergrowth bismuth layer-structured (Bi ₃ TiNbO ₉) ₁ (Bi ₄ Ti ₃ O ₁₂) ₂ ceramics. Journal of Alloys and Compounds, 2018, 753, 54-59.	2.8	11
59	Thermally stimulated depolarization current study on barium titanate single crystals. AIP Advances, 2018, 8, .	0.6	8
60	Colossal permittivity and the polarization mechanism of (Mg, Mn) co-doped LaGaO ₃ ceramics. Journal of Applied Physics, 2018, 123, 124108.	1.1	3
61	Low-temperature sintering of Ti _{1-x} Cu _x /3Nb ₂ x/3O ₂ (x = 0.23) microwave dielectric ceramics with CuO and B ₂ O ₃ addition. Ceramics International, 2018, 44, 3314-3318.	2.3	8
62	Enhanced up-conversion luminescence and excellent temperature sensing properties in Yb ³⁺ sensitized Er ³⁺ -doped Bi ₃ Ti _{1.5} W _{0.5} O ₉ multifunctional ferroelectric ceramics. Journal of Alloys and Compounds, 2018, 735, 473-479.	2.8	35
63	Development of a KNN Ceramic-Based Lead-Free Linear Array Ultrasonic Transducer. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2018, 65, 2113-2120.	1.7	29
64	Ka-Band LTCC Stacked Substrate Integrated Waveguide Bandpass Filter. Wireless Communications and Mobile Computing, 2018, 2018, 1-7.	0.8	0
65	Anomalous Photovoltaic Effect in Centrosymmetric Ferroelastic BiVO ₄ . Advanced Materials, 2018, 30, e1801619.	11.1	45
66	Excellent up-conversion temperature sensing sensitivity and broad temperature range of Er-doped strontium tungstate multiphase phosphors. Optical Materials Express, 2018, 8, 12.	1.6	20
67	Fabrications and Performance of Wireless LC Pressure Sensors through LTCC Technology. Sensors, 2018, 18, 340.	2.1	16
68	Low-operating temperature NO ₂ gas sensors based on hybrid two-dimensional SnS ₂ -reduced graphene oxide. Applied Surface Science, 2018, 462, 330-336.	3.1	89
69	Integrated passive wireless pressure and temperature dual-parameter sensor based on LTCC technology. Ceramics International, 2018, 44, S129-S132.	2.3	12
70	Colossal permittivity with ultralow dielectric loss in In + Ta co-doped rutile TiO ₂ . Journal of Materials Chemistry A, 2017, 5, 5436-5441.	5.2	123
71	Parallel preparation and properties investigation on Li ₂ O-Nb ₂ O ₅ -TiO ₂ microwave dielectric ceramics. Journal of the European Ceramic Society, 2017, 37, 3951-3957.	2.8	15
72	Enhanced electrical properties, color-tunable up-conversion luminescence, and temperature sensing behaviour in Er-doped Bi ₃ Ti _{1.5} W _{0.5} O ₉ multifunctional ferroelectric ceramics. Journal of Applied Physics, 2017, 121, 124102.	1.1	16

#	ARTICLE	IF	CITATIONS
73	Colossal permittivity and dielectric relaxation of (Li, In) Co-doped ZnO ceramics. Journal of Alloys and Compounds, 2017, 698, 200-206.	2.8	35
74	Improved dielectric breakdown strength of Dy doped (Ba _{0.97} Ca _{0.03})(Ti _{0.98} Mg _{0.02})O ₃ ceramics with nanosized grains. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1700149.	0.8	5
75	Stabilizing Cesium Lead Halide Perovskite Lattice through Mn(II) Substitution for Air-Stable Light-Emitting Diodes. Journal of the American Chemical Society, 2017, 139, 11443-11450.	6.6	705
76	Effects of Mn ²⁺ doping on the microwave dielectric properties of Ti _{1-x} Cu _x /3Nb ₂ /3O ₂ ceramics. Ceramics International, 2017, 43, 13895-13900.	2.3	8
77	Synthesis, structure-property and flame retardancy relationships of polyphosphonamide and its application on epoxy resins. RSC Advances, 2017, 7, 49863-49874.	1.7	5
78	Quasi physisorptive two dimensional tungsten oxide nanosheets with extraordinary sensitivity and selectivity to NO ₂ . Nanoscale, 2017, 9, 19162-19175.	2.8	81
79	A novel wireless gas sensor based on LTCC technology. Sensors and Actuators B: Chemical, 2017, 239, 711-717.	4.0	57
80	High-sensitivity low-power tungsten doped niobium oxide nanorods sensor for nitrogen dioxide air pollution monitoring. Sensors and Actuators B: Chemical, 2017, 238, 204-213.	4.0	20
81	Two dimensional tungsten oxide nanosheets with unprecedented selectivity and sensitivity to NO ₂ . , 2017, , .		2
82	KNN-based single crystal high frequency transducer for intravascular photoacoustic imaging. , 2017, , .		0
83	2D SnS ₂ A Material for Impedance-Based Low Temperature NO _x Sensing?. Proceedings (mdpi), 2017, 1, .	0.2	0
84	Suppression of Silver Diffusion in Borosilicate Glass-Based Low-Temperature Cofired Ceramics by Copper Oxide Addition. Journal of the American Ceramic Society, 2016, 99, 2402-2407.	1.9	18
85	Two-Dimensional (2D) SnS ₂ -based Oxygen Sensor. Procedia Engineering, 2016, 168, 1102-1105.	1.2	37
86	New Potassium Sodium Niobate Single Crystal with Thickness-independent High-performance for Photoacoustic Angiography of Atherosclerotic Lesion. Scientific Reports, 2016, 6, 39679.	1.6	25
87	Large piezoelectric properties in KNN-based lead-free single crystals grown by a seed-free solid-state crystal growth method. Applied Physics Letters, 2016, 108, .	1.5	54
88	Mechanistic interpretation of the reactive templated grain growth process of (Li, Ta, Sb) modified (K, Tj) BT / Overlock 10 Tf	1.3	4
89	Growth mechanism and enhanced electrical properties of K _{0.5} Na _{0.5} NbO ₃ -based lead-free piezoelectric single crystals grown by a solid-state crystal growth method. Journal of the European Ceramic Society, 2016, 36, 541-550.	2.8	36
90	Effects of Ta Content on the Electrical Properties of Lead-Free (K _{0.44} Na _{0.52} Li _{0.04})(Nb _{0.96-x} Ta _x Sb _{0.04})O ₃ Ferroelectrics, 2016, 490, 70-77.	1.3	2

#	ARTICLE	IF	CITATIONS
91	Synthesis of Intergrowth Bi ₇ Ti ₄ NbO ₂₁ Compound by Sol-Gel Method and Its Comparison with Other Synthesis Methods. <i>Ferroelectrics</i> , 2016, 490, 190-195.	0.3	0
92	Microwave Dielectric Properties of AZn ₂ (PO ₄) ₂ (A = Sr, Ba) Ceramics. <i>Ferroelectrics</i> , 2016, 492, 91-102.	0.3	11
93	Dielectric Behavior of (Ba _{0.95} Ca _{0.05})(Zr _{0.15} Ti _{0.842} Mg _{0.008})O ₃ - (Ba _{0.95} Ca _{0.05})(Zr _{0.08} Ti _{0.92})O ₃ Layered Ceramics. <i>Ferroelectrics</i> , 2016, 492, 17-24.	0.3	1
94	Microstructure and Electrical Properties of (K _{0.48} Na _{0.52})NbO ₃ (0.16/5.15)K _{2.9} Li _{1.95} Nb _{5.15} O _{15.3} Lead-Free Piezoceramics Prepared by Two-Step Sintering Method. <i>Ferroelectrics</i> , 2016, 490, 94-102.	0.3	1
95	Seed-Free Solid-State Growth of Large Lead-Free Piezoelectric Single Crystals: (Na _{1/2} K _{1/2})NbO ₃ . <i>Journal of the American Ceramic Society</i> , 2015, 98, 2988-2996.	1.9	43
96	(100)-Textured KNN-based thick film with enhanced piezoelectric property for intravascular ultrasound imaging. <i>Applied Physics Letters</i> , 2015, 106, 173504.	1.5	47
97	Morphological and phase analysis during the synthesis of Bi ₇ Ti ₄ NbO ₂₁ by a co-precipitation method. <i>Ceramics International</i> , 2015, 41, S41-S46.	2.3	7
98	Ceramics International Preface. <i>Ceramics International</i> , 2015, 41, S1.	2.3	5
99	(Li, Ta, Sb) modified (K, Na)NbO ₃ ceramics as high temperature dielectric materials. <i>Ceramics International</i> , 2015, 41, S9-S14.	2.3	8
100	Colossal permittivity and dielectric relaxations in BaTi _{0.99} (Nb _{0.5} Ga _{0.5})O ₃ ceramics. <i>Ceramics International</i> , 2015, 41, S846-S850.	2.3	15
101	The kinetic effect on formation of disordered intergrowth structures in mixed bismuth-layered (Bi ₃ NbTiO ₉) ₂ (Bi ₄ Ti ₃ O ₁₂) ₁ compounds. <i>Ceramics International</i> , 2015, 41, S162-S168.	2.3	4
102	Evolution of textured microstructure of Li-doped (K,Na)NbO ₃ ceramics prepared by reactive templated grain growth. <i>Journal of Alloys and Compounds</i> , 2015, 624, 158-164.	2.8	23
103	Microwave dielectric properties of La ₄ Ti ₃ O ₁₂ ceramics. <i>Materials Letters</i> , 2014, 118, 24-26.	1.3	12
104	Local orderings in long-range-disordered bismuth-layered intergrowth structure. <i>Journal of Solid State Chemistry</i> , 2014, 212, 165-170.	1.4	5
105	Influence of synthesis conditions on the microstructure of Li-Ta-O microsheets by molten salt method. <i>Ceramics International</i> , 2014, 40, 3747-3753.	2.3	5
106	Li-Nb-Ti-O microwave dielectric ceramics. <i>Journal of Asian Ceramic Societies</i> , 2013, 1, 2-8.	1.0	13
107	Synthesis and Nanoscale Investigation of the Electrical Properties of Quasi-2D Semiconductor Nb ₂ S ₅ Nanosheets. <i>IEEE Nanotechnology Magazine</i> , 2013, 12, 641-648.	1.1	8
108	A hydrogen/methane sensor based on niobium tungsten oxide nanorods synthesised by hydrothermal method. <i>Sensors and Actuators B: Chemical</i> , 2013, 184, 118-129.	4.0	37

#	ARTICLE	IF	CITATIONS
109	Hydrothermally formed functional niobium oxide doped tungsten nanorods. <i>Nanotechnology</i> , 2013, 24, 495501.	1.3	15
110	Multilayer Metallized Ceramic Composites: LTCC Processing and Thermal Simulation. <i>Ferroelectrics</i> , 2013, 450, 107-112.	0.3	2
111	Textured Li _{0.95} Nb _{0.45} Ti _{0.70} O ₃ Microwave Ceramics with Continuously Tunable Dielectric Properties. <i>Ferroelectrics</i> , 2012, 429, 123-128.	0.3	1
112	Combinatorial Study of Ceramic Tape-Casting Slurries. <i>ACS Combinatorial Science</i> , 2012, 14, 205-210.	3.8	25
113	Effect of Nd substitution on the microstructure and electrical properties of Bi ₇ Ti ₄ NbO ₂₁ piezoceramics. <i>Journal of the European Ceramic Society</i> , 2012, 32, 3781-3789.	2.8	36
114	LOCAL MICROSTRUCTURE EVOLUTION OF BISMUTH SODIUM TITANATE-BASED LEAD-FREE PIEZOELECTRIC SYSTEMS ACROSS THE MORPHOTROPIC PHASE BOUNDARY REGION. <i>Journal of Advanced Dielectrics</i> , 2012, 02, 1230012.	1.5	6
115	Phase Structure and Enhanced Piezoelectric Properties of Lead-Free Ceramics (1-x)(K _{0.48} Na _{0.52})NbO ₃ (x/5.15) K _{2.9} Li _{1.95} Nb _{5.15} O _{15.3} with High Curie Temperature. <i>International Journal of Applied Ceramic Technology</i> , 2012, 9, 221-227.	1.1	11
116	Textured (K _{0.5} Na _{0.5})NbO ₃ ceramics prepared by screen-printing multilayer grain growth technique. <i>Ceramics International</i> , 2012, 38, S283-S286.	2.3	13
117	Low-temperature sintering and electrical properties of (K, Na)NbO ₃ based lead-free ceramics with high Curie temperature. <i>Ceramics International</i> , 2012, 38, S295-S299.	2.3	12
118	Response of intergrown microstructure to an electric field and its consequences in the lead-free piezoelectric bismuth sodium titanate. <i>Journal of Solid State Chemistry</i> , 2012, 187, 309-315.	1.4	24
119	Enhanced Ferroelectric and Piezoelectric Properties of Textured K _{0.45} Na _{0.55} NbO ₃ Ceramics Prepared by Screen-printing Technique. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2012, 27, 214-218.	0.6	9
120	Enhanced Electrochromic Properties by Using a CeO ₂ Modified TiO ₂ Nanotube Array Transparent Counter Electrode. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2012, 27, 74-78.	0.6	1
121	Enhanced electrical properties of textured NBBT ceramics derived from the screen printing technique. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2011, 58, 2036-2041.	1.7	7
122	Facile synthesis of Nb ₂ O ₅ nanorod array films and their electrochemical properties. <i>Applied Surface Science</i> , 2011, 257, 10084-10088.	3.1	67
123	Preparation of textured K ₂ BiNb ₅ O ₁₅ ceramics with rod-like templates by the screen-printing technique. <i>Journal of Alloys and Compounds</i> , 2011, 509, L203-L207.	2.8	8
124	Morphology and structure of LiNb _{0.6} Ti _{0.5} O ₃ particles by molten salt synthesis. <i>Journal of Alloys and Compounds</i> , 2011, 509, 9696-9701.	2.8	5
125	Ferroc domain characterization of Ni ₅₅ Mn _{20.6} Ga _{24.4} ferromagnetic shape memory alloy. <i>Transactions of Nonferrous Metals Society of China</i> , 2011, 21, 2015-2019.	1.7	4
126	The correlation between electric field emission phenomenon and Schottky contact reverse bias characteristics in nanostructured systems. <i>Journal of Applied Physics</i> , 2011, 109, 114316.	1.1	7

#	ARTICLE	IF	CITATIONS
127	Anisotropic Dielectric Properties of $\text{LiNb}_{0.6}\text{Ti}_{0.5}\text{O}_3$ Microwave Ceramics by Screen-Printing Templated Grain Growth. <i>Journal of the American Ceramic Society</i> , 2011, 94, 4364-4370.	1.9	5
128	Grain growth and piezoelectric property of KNN-based lead-free ceramics. <i>Current Applied Physics</i> , 2011, 11, S2-S13.	1.1	27
129	Ferroelectric and piezoelectric properties of Aurivillius phase intergrowth ferroelectrics and the underlying materials design. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2011, 208, 1035-1040.	0.8	15
130	Synthesis and electrochemical properties of CeO_2 nanoparticle modified TiO_2 nanotube arrays. <i>Electrochimica Acta</i> , 2011, 56, 2914-2918.	2.6	32
131	Enhanced piezoelectric properties of $(\text{Ba}_{0.85}\text{Ca}_{0.15})(\text{Ti}_{0.9}\text{Zr}_{0.1})\text{O}_3$ lead-free ceramics by optimizing calcination and sintering temperature. <i>Journal of the European Ceramic Society</i> , 2011, 31, 2005-2012.	2.8	294
132	Preparation of $(\text{K}_{0.50}\text{Na}_{0.50})\text{NbO}_3$ Lead-Free Piezoelectric Ceramics by Mechanical Activation Assisted Method. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 110207.	0.8	8
133	Gas sensing properties of thermally evaporated lamellar MoO_3 . <i>Sensors and Actuators B: Chemical</i> , 2010, 145, 13-19.	4.0	264
134	Topochemical synthesis of plate-like $\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3$ templates from $\text{Bi}_4\text{Ti}_3\text{O}_{12}$. <i>Materials Letters</i> , 2010, 64, 1157-1159.	1.3	25
135	The Formation Mechanism of Intergrowth Bismuth Layer-Structured Ferroelectric $\text{Bi}_4\text{Ti}_3\text{O}_{12}\text{-CaBi}_4\text{Ti}_4\text{O}_{15}$. <i>Ferroelectrics</i> , 2010, 404, 45-49.	0.3	4
136	Anisotropic properties and crystal structure of ferroelectric $\text{Na}_{0.5}\text{Bi}_{4.5}\text{Ti}_4\text{O}_{15}$. <i>Journal of Alloys and Compounds</i> , 2010, 506, 70-72.	2.8	12
137	Effect of Sr/P Ratio on the Microwave Dielectric Properties of $\text{Sr}_2\text{P}_2\text{O}_7$ Ceramics. <i>Ferroelectrics</i> , 2010, 407, 84-92.	0.3	1
138	Fabrication of TiO_2 Nanotube Thin Films and Their Gas Sensing Properties. <i>Journal of Sensors</i> , 2009, 2009, 1-19.	0.6	26
139	The scanning electron acoustic microscopy investigation on ferroic materials under local stress. <i>Journal of Materials Research</i> , 2009, 24, 2173-2178.	1.2	1
140	Hydrogen gas sensor based on highly ordered polyaniline nanofibers. <i>Sensors and Actuators B: Chemical</i> , 2009, 137, 529-532.	4.0	90
141	Effect of crystallographic orientation on the anodic formation of nanoscale pores/tubes in TiO_2 films. <i>Applied Surface Science</i> , 2009, 256, 120-123.	3.1	16
142	ABS-064: Grain oriented $(\text{Na}_{0.5}\text{Bi}_{0.5})_{0.94}\text{Ba}_{0.06}\text{TiO}_3$ piezoceramics prepared by the screen-printing multilayer grain growth technique. <i>Journal of Electroceramics</i> , 2009, 22, 131-135.	0.8	18
143	Sintering and Microwave Dielectric Properties of the $\text{LiNb}_{0.63}\text{Ti}_{0.4625}\text{O}_3$ Ceramics with the $\text{B}_2\text{O}_3\text{-SiO}_2$ Liquid-Phase Additives. <i>Journal of the American Ceramic Society</i> , 2009, 92, 2630-2633.	1.9	11
144	Nanoporous titanium oxide synthesized from anodized Filtered Cathodic Vacuum Arc Ti thin films. <i>Thin Solid Films</i> , 2009, 518, 1180-1184.	0.8	10

#	ARTICLE	IF	CITATIONS
145	Synthesis and electrochemical properties of template-based polyaniline nanowires and template-free nanofibril arrays: Two potential nanostructures for gas sensors. <i>Sensors and Actuators B: Chemical</i> , 2009, 136, 1-7.	4.0	39
146	Fabricating red-blue-switching dual polymer electrochromic devices using room temperature ionic liquid. <i>Solar Energy Materials and Solar Cells</i> , 2009, 93, 564-570.	3.0	54
147	Synthesis and characterization of Li-Nb-Ti-O dielectric material by the citrate sol-gel method. <i>Journal of Alloys and Compounds</i> , 2009, 475, 546-550.	2.8	19
148	In-situ fabrication of flexible vertically integrated electronic circuits by inkjet printing. <i>Journal of Alloys and Compounds</i> , 2009, 486, 706-710.	2.8	9
149	Progress of Novel Inkjet Technique for Inorganic Materials Preparation. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2009, 24, 1090-1096.	0.6	0
150	Ferroelectric and piezoelectric properties of tungsten doped CaBi ₄ Ti ₄ O ₁₅ ceramics. <i>Journal of Electroceramics</i> , 2008, 21, 305-308.	0.8	13
151	Lead-free piezoelectric ceramics of (Bi _{1/2} Na _{1/2})TiO ₃ -(Bi _{1/2} K _{1/2})TiO ₃ -(Bi _{1/2} Ag _{1/2})TiO ₃ system. <i>Journal of Electroceramics</i> , 2008, 21, 309-313.	0.8	6
152	Structure and dielectric properties of Bi _{5-x} La _x Nb ₃ O ₁₅ ceramics. <i>Journal of Electroceramics</i> , 2008, 21, 319-322.	0.8	2
153	A novel technique for preparation of grain oriented BLSF piezoelectric ceramics. <i>Journal of Electroceramics</i> , 2008, 21, 314-318.	0.8	4
154	Effect of Bi ³⁺ ion on piezoelectric properties of K _x Na _{1-x} NbO ₃ . <i>Journal of Electroceramics</i> , 2008, 21, 629-632.	0.8	10
155	Electrochemical preparation of PMeT/TiO ₂ nanocomposite electrochromic electrodes with enhanced long-term stability. <i>Journal of Solid State Electrochemistry</i> , 2008, 12, 1503-1509.	1.2	16
156	Fabrication of nanostructured TiO ₂ by anodization: A comparison between electrolytes and substrates. <i>Sensors and Actuators B: Chemical</i> , 2008, 130, 25-31.	4.0	60
157	O ₂ and CO sensing of Ga ₂ O ₃ multiple nanowire gas sensors. <i>Sensors and Actuators B: Chemical</i> , 2008, 129, 666-670.	4.0	169
158	La doping effects on intergrowth Bi ₂ WO ₆ -Bi ₃ TiNbO ₉ ferroelectrics. <i>Ceramics International</i> , 2008, 34, 735-739.	2.3	17
159	Highly textured (Na _{1/2} Bi _{1/2}) _{0.94} Ba _{0.06} TiO ₃ ceramics prepared by the screen-printing multilayer grain growth technique. <i>Ceramics International</i> , 2008, 34, 753-756.	2.3	12
160	Using room temperature ionic liquid to fabricate PEDOT/TiO ₂ nanocomposite electrode-based electrochromic devices with enhanced long-term stability. <i>Solar Energy Materials and Solar Cells</i> , 2008, 92, 1253-1259.	3.0	73
161	Sol-gel synthesis and luminescence property of ZnO:(La,Eu)Cl nanocomposite thin films. <i>Thin Solid Films</i> , 2008, 516, 5557-5561.	0.8	11
162	Heat treatment effects on the formation of lanthanum-modified lead zirconate titanate thin films. <i>Materials Letters</i> , 2008, 62, 370-373.	1.3	13

#	ARTICLE	IF	CITATIONS
163	Pechinin synthesis and luminescence properties of Y ₃ Ga ₅ O ₁₂ (YGG):Tb thin film. Materials Letters, 2008, 62, 2355-2358.	1.3	13
164	A polyaniline nanofibre electrode and its application in a self-powered photoelectrochromic cell. Nanotechnology, 2007, 18, 015201.	1.3	39
165	Raman piezospectroscopic evaluation of intergrowth ferroelectric polycrystalline ceramic in biaxial bending configuration. Journal of Applied Physics, 2007, 101, 033501.	1.1	1
166	Oxygen Dynamics and Diffusion Mechanism in Intergrowth Bi ₂ WO ₆ -Bi ₃ TiNbO ₉ Ferroelectrics. Ferroelectrics, 2007, 355, 189-203.	0.3	3
167	Spectrally resolved microprobe cathodoluminescence of intergrowth Bi ^x LaxTiNbWO ₁₅ ferroelectrics. Journal of Applied Physics, 2007, 102, 076106.	1.1	4
168	Morphotropic Phase Boundary and Electrical Properties of (Bi _{1/2} Na _{1/2})TiO ₃ -(Bi _{1/2} K _{1/2})TiO ₃ -(Bi _{1/2} Ag _{1/2})TiO ₃ Ceramics. Ferroelectrics, 2007, 358, 109-116.	0.3	5
169	Poly(3,4-ethylenedioxythiophene)/Mesoporous Carbon Composite. Journal of Physical Chemistry C, 2007, 111, 18073-18077.	1.5	31
170	A ZnO nanorod based layered ZnO/64Å° YX LiNbO ₃ SAW hydrogen gas sensor. Thin Solid Films, 2007, 515, 8705-8708.	0.8	84
171	Hydrothermal synthesis of potassium niobate powders. Ceramics International, 2007, 33, 1611-1615.	2.3	32
172	Oxygen permeability of perovskite-type Y _{1-x} M _x Ba ₂ Cu ₃ O _{7-δ} (M=La, Ca) membranes. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2007, 137, 284-288.	1.7	2
173	Phase formation sequence of Cr ₂ AlC ceramics starting from Cr-Al-C powders. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 443, 229-234.	2.6	53
174	Effect of composition and processing on phase assembly and mechanical property of Cr ₂ AlC ceramics. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 454-455, 132-138.	2.6	31
175	Synthesis and luminescent properties of YGG:Tb phosphors by Pechini method. Journal of Luminescence, 2007, 122-123, 704-706.	1.5	11
176	Strong Green and Red Upconversion Emission in Er ³⁺ -Doped Na _{1/2} Bi _{1/2} TiO ₃ Ceramics. Journal of the American Ceramic Society, 2007, 90, 664-666.	1.9	38
177	Mechanical Properties of Cr ₂ AlC Ceramics. Journal of the American Ceramic Society, 2007, 90, 1663-1666.	1.9	102
178	Structural and Electrical Properties of Er ₂ O ₃ -Doped Na _{1/2} Bi _{1/2} TiO ₃ Lead-Free Piezoceramics. Journal of the American Ceramic Society, 2007, 90, 3642-3645.	1.9	47
179	Synthesis and characterization of Cr ₂ AlC ceramics prepared by spark plasma sintering. Materials Letters, 2007, 61, 4442-4445.	1.3	68
180	Formation of nanoporous titanium oxide films on silicon substrates using an anodization process. Nanotechnology, 2006, 17, 808-814.	1.3	66

#	ARTICLE	IF	CITATIONS
181	Dielectric and ferroelectric properties of intergrowth Bi ₇ xLa _x Ti ₄ NbO ₂₁ ceramics. Applied Physics Letters, 2006, 88, 152909.	1.5	15
182	Ferroelectricity in intergrowth Bi ₃ TiNbO ₉ Bi ₄ Ti ₃ O ₁₂ ceramics. Journal of Applied Physics, 2006, 99, 114101.	1.1	32
183	Dielectric, Impedance, and Electric Modulus Spectroscopies of Mixed-Layer Aurivillius Phase Bi ₅ Ti _{1.5} W _{1.5} O ₁₅ . Journal of the Electrochemical Society, 2006, 153, F100.	1.3	12
184	Synthesis and thermal and electrical properties of bulk Cr ₂ AlC. Scripta Materialia, 2006, 54, 841-846.	2.6	183
185	Two distinct dielectric relaxation mechanisms in the low-frequency range in Bi ₅ TiNbWO ₁₅ ceramics. Applied Physics Letters, 2006, 88, 162908.	1.5	7
186	Comparison of ZnO/64Å ^o LiNbO ₃ and ZnO/36Å ^o LiTaO ₃ Surface Acoustic Wave Devices for Sensing Applications. Sensor Letters, 2006, 4, 135-138.	0.4	9
187	Grain oriented CaBi ₄ Ti ₄ O ₁₅ piezoceramics prepared by the screen-printing multilayer grain growth technique. Journal of the European Ceramic Society, 2005, 25, 2727-2730.	2.8	33
188	Electrical properties of neodymium doped CaBi ₄ Ti ₄ O ₁₅ ceramics. Solid State Communications, 2005, 133, 553-557.	0.9	57
189	Ferroelectric and piezoelectric properties of vanadium-doped CaBi ₄ Ti ₄ O ₁₅ ceramics. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2005, 117, 241-245.	1.7	29
190	Concentration Quenching of Eu ^[sup 2+] in 4SrOx...7Al ₂ O ₃ :Eu ^[sup 2+] Phosphor. Journal of the Electrochemical Society, 2005, 152, H15.	1.3	11
191	Pt/Ga ₂ O ₃ /SiC MRISiC devices: a study of the hydrogen response. Journal Physics D: Applied Physics, 2005, 38, 754-763.	1.3	18
192	Lanthanum distribution and dielectric properties of intergrowth Bi ₅ xLa _x TiNbWO ₁₅ ferroelectrics. Applied Physics Letters, 2005, 87, 202901.	1.5	33
193	Intergrowth Bi ₂ WO ₆ Bi ₃ TiNbO ₉ ferroelectrics with high ionic conductivity. Applied Physics Letters, 2005, 86, 192906.	1.5	35
194	SrAl ₂ O ₄ :(Eu ^[sup 2+] , Dy ^[sup 3+]) Phosphor Thin Films Derived from the Sol-Gel Process. Journal of the Electrochemical Society, 2005, 152, H12.	1.3	16
195	UV and X-ray excited luminescence of Tb ³⁺ -doped ZnGa ₂ O ₄ phosphors. Journal of Alloys and Compounds, 2005, 391, 202-205.	2.8	69
196	SrAl ₂ O ₄ : Eu ²⁺ , Dy ³⁺ phosphors derived from a new sol-gel route. Microelectronics Journal, 2004, 35, 379-382.	1.1	66
197	Hydrogen sensitive Ga ₂ O ₃ Schottky diode sensor based on SiC. Sensors and Actuators B: Chemical, 2004, 100, 94-98.	4.0	116
198	Synthesis of fibrous TiO ₂ from layered protonic tetratitanate by a hydrothermal soft chemical process. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 110, 18-22.	1.7	14

#	ARTICLE	IF	CITATIONS
199	Electroluminescence of SrAl ₂ O ₄ :Eu ²⁺ phosphor. <i>Microelectronics Journal</i> , 2004, 35, 375-377.	1.1	14
200	Low-temperature synthesis of nanocrystalline ZnGa ₂ O ₄ :Tb ³⁺ phosphors via the Pechini method. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2004, 110, 302-306.	1.7	24
201	Characterization of Ga ₂ O ₃ based MRISiC hydrogen gas sensors. <i>Sensors and Actuators B: Chemical</i> , 2004, 103, 129-135.	4.0	59
202	Influence of different templates on the textured Bi _{0.5} (Na _{1-x} K _x) _{0.5} TiO ₃ piezoelectric ceramics by the reactive templated grain growth process. <i>Ceramics International</i> , 2004, 30, 1889-1893.	2.3	30
203	Fabrication of BaTiO ₃ dielectric films by direct ink-jet printing. <i>Ceramics International</i> , 2004, 30, 1885-1887.	2.3	34
204	On the superstructure of KTiO ₂ (OH). <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2004, 219, 227-230.	0.4	3
205	MoO ₃ , WO ₃ Single and Binary Oxide Prepared by Sol-Gel Method for Gas Sensing Applications. <i>Journal of Sol-Gel Science and Technology</i> , 2003, 26, 1097-1101.	1.1	25
206	Epitaxial growth and properties of Ga-doped ZnO films grown by pulsed laser deposition. <i>Journal of Crystal Growth</i> , 2003, 259, 130-136.	0.7	80
207	Anisotropic grain growth of Bi ₄ Ti ₃ O ₁₂ in molten salt fluxes. <i>Materials Research Bulletin</i> , 2003, 38, 567-576.	2.7	79
208	Preparation of (Ba _x Sr _{1-x})TiO ₃ sols used for ceramic film jet-printing. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2003, 99, 502-505.	1.7	11
209	Hydrothermal synthesis of Na _{0.5} Bi _{0.5} TiO ₃ fine powders. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2003, 99, 506-510.	1.7	73
210	Investigation of sol-gel prepared Ga-Zn oxide thin films for oxygen gas sensing. <i>Sensors and Actuators A: Physical</i> , 2003, 108, 263-270.	2.0	34
211	Investigation of sol-gel prepared CeO ₂ -TiO ₂ thin films for oxygen gas sensing. <i>Sensors and Actuators B: Chemical</i> , 2003, 95, 145-150.	4.0	90
212	Fabrication of textured bismuth titanate by templated grain growth using aqueous tape casting. <i>Journal of the European Ceramic Society</i> , 2003, 23, 2163-2169.	2.8	60
213	Properties of Aqueous Bismuth Titanate Suspensions Stabilized by Acrylic Acid/Acrylic Ester Copolymer. <i>Journal of the American Ceramic Society</i> , 2003, 86, 2203-2205.	1.9	2
214	Investigation of the oxygen gas sensing performance of Ga ₂ O ₃ thin films with different dopants. <i>Sensors and Actuators B: Chemical</i> , 2003, 93, 431-434.	4.0	147
215	Bi ₄ Ti ₃ O ₁₂ nanoparticles prepared by hydrothermal synthesis. <i>Journal of the European Ceramic Society</i> , 2003, 23, 161-166.	2.8	53
216	Development of Textured Bismuth Titanate Piezoelectric Ceramics. <i>Key Engineering Materials</i> , 2003, 247, 371-376.	0.4	2

#	ARTICLE	IF	CITATIONS
217	Binary Metal Oxide $\text{MoO}_3\text{-TiO}_2$ and $\text{MoO}_3\text{-WO}_3$ Thin Film Gas Sensors for Environmental Applications. , 2003, , .		0
218	Influence of B_2O_3 on Matrix Forming Process and Luminescent Properties of $\text{SrO-Al}_2\text{O}_3\text{:Eu}^{2+}$ Phosphor. Journal of the Electrochemical Society, 2002, 149, H65.	1.3	16
219	Hydrothermal synthesis of bismuth oxide needles. Materials Letters, 2002, 55, 46-49.	1.3	80
220	Low-temperature sintering of $\text{Bi}_4\text{Ti}_3\text{O}_{12}$ derived from a co-precipitation method. Materials Letters, 2002, 56, 910-914.	1.3	38
221	Comparison of single and binary oxide MoO_3 , TiO_2 and WO_3 sol-gel gas sensors. Sensors and Actuators B: Chemical, 2002, 83, 276-280.	4.0	169
222	Concentration quenching of Eu^{2+} in $\text{SrO-Al}_2\text{O}_3\text{:Eu}^{2+}$ phosphor. Journal of Luminescence, 2002, 97, 1-6.	1.5	103
223	Gas sensing properties of p-type semiconducting Cr-doped TiO_2 thin films. Sensors and Actuators B: Chemical, 2002, 83, 160-163.	4.0	137
224	Concentration quenching of Eu^{2+} in $\text{SrO} \cdot 6\text{Al}_2\text{O}_3 : \text{Eu}^{2+}$ phosphor. Journal of Materials Science, 2002, 37, 381-383.	1.7	6
225	Microstructural characterization of $\text{MoO}_3\text{-TiO}_2$ nanocomposite thin films for gas sensing. Sensors and Actuators B: Chemical, 2001, 77, 27-34.	4.0	40
226	Sol-gel prepared $\text{MoO}_3\text{-WO}_3$ thin-films for O_2 gas sensing. Sensors and Actuators B: Chemical, 2001, 77, 478-483.	4.0	109
227	Semiconductor $\text{MoO}_3\text{-TiO}_2$ thin film gas sensors. Sensors and Actuators B: Chemical, 2001, 77, 472-477.	4.0	83
228	Nanocrystalline $\text{V}_2\text{O}_5\text{-TiO}_2$ thin-films for oxygen sensing prepared by sol-gel process. Sensors and Actuators B: Chemical, 2001, 77, 484-490.	4.0	103
229	<p><title>Investigation of $\text{MoO}_3\text{-WO}_3$ thin film microstructure for gas sensing applications</title> . , 2001, 4590, 243.</p>		0
230	Microstructure characterization of sol-gel prepared $\text{MoO}_3\text{-TiO}_2$ thin films for oxygen gas sensors. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2001, 19, 904-909.	0.9	9
231	Carbon monoxide response of molybdenum oxide thin films deposited by different techniques. Sensors and Actuators B: Chemical, 2000, 68, 168-174.	4.0	71
232	Investigation on the O_3 sensitivity properties of WO_3 thin films prepared by sol-gel, thermal evaporation and r.f. sputtering techniques. Sensors and Actuators B: Chemical, 2000, 64, 182-188.	4.0	148
233	Sensitivity enhancement towards ethanol and methanol of TiO_2 films doped with Pt and Nb. Sensors and Actuators B: Chemical, 2000, 64, 169-174.	4.0	81
234	Titanium dioxide films for photovoltaic cells derived from a sol-gel process. Solar Energy Materials and Solar Cells, 1999, 56, 167-174.	3.0	93

#	ARTICLE	IF	CITATIONS
235	<title>Oxygen gas sensing and microstructure characterization of sol-gel-prepared MoO ₃ -TiO ₂ thin films</title>. , 1999, 3892, 364.		2
236	Novel photoelectrochromic cells containing a polyaniline layer and a dye-sensitized nanocrystalline TiO ₂ photovoltaic cell. Synthetic Metals, 1998, 94, 273-277.	2.1	50
237	Nanocomposite materials of ultrafine particles assembled within LB films. Ferroelectrics, 1997, 196, 63-68.	0.3	0
238	Preparation of PLZT/LSCO/ITO/Si multilayer films by RF-Magnetron sputtering. Ferroelectrics, 1997, 195, 249-253.	0.3	4
239	Hydrothermal synthesis of ordered ultra-large pore molecular sieves. Ferroelectrics, 1997, 196, 57-62.	0.3	0
240	Hydrothermal Synthesis of Acicular Lead Titanate Fine Powders. Journal of the American Ceramic Society, 1992, 75, 1123-1128.	1.9	56
241	Dye molecule/viologen system for a novel photoelectrochromism. , 0, , .		0
242	Ventilation control for improved cabin air quality and vehicle safety. , 0, , .		4