Yongxiang Li

List of Publications by Year
in descending order

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242	8,250	41323	62565
papers	citations	49 h-index	80 g-index

246	246	246	9061
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Enhanced piezoelectric properties of (Ba0.85Ca0.15)(Ti0.9Zr0.1)O3 lead-free ceramics by optimizing calcination and sintering temperature. Journal of the European Ceramic Society, 2011, 31, 2005-2012.	2.8	294
3	Gas sensing properties of thermally evaporated lamellar MoO3. Sensors and Actuators B: Chemical, 2010, 145, 13-19.	4.0	264
4	Synthesis and thermal and electrical properties of bulk Cr2AlC. Scripta Materialia, 2006, 54, 841-846.	2.6	183
5	Comparison of single and binary oxide MoO3, TiO2 and WO3 solâ€“gel gas sensors. Sensors and Actuators B: Chemical, 2002, 83, 276-280.	4.0	169
6	O2 and CO sensing of Ga2O3 multiple nanowire gas sensors. Sensors and Actuators B: Chemical, 2008, 129, 666-670.	4.0	169
7	Investigation on the O3 sensitivity properties of WO3 thin films prepared by solâ€“gel, thermal evaporation and r.f. sputtering techniques. Sensors and Actuators B: Chemical, 2000, 64, 182-188.	4.0	148
8	Investigation of the oxygen gas sensing performance of Ga2O3 thin films with different dopants. Sensors and Actuators B: Chemical, 2003, 93, 431-434.	4.0	147
9	Gas sensing properties of p-type semiconducting Cr-doped TiO2 thin films. Sensors and Actuators B: Chemical, 2002, 83, 160-163.	4.0	137
10	Liquid metal-based synthesis of high performance monolayer SnS piezoelectric nanogenerators. Nature Communications, 2020, 11, 3449.	5.8	128
11	Colossal permittivity with ultralow dielectric loss in In + Ta co-doped rutile TiO₂. Journal of Materials Chemistry A, 2017, 5, 5436-5441.	5.2	123
12	Hydrogen sensitive GA2O3 Schottky diode sensor based on SiC. Sensors and Actuators B: Chemical, 2004, 100, 94-98.	4.0	116
13	Solâ€“gel prepared MoO3â€“WO3 thin-films for O2 gas sensing. Sensors and Actuators B: Chemical, 2001, 77, 478-483.	4.0	109
14	Nanocrystalline V2O5â€“TiO2 thin-films for oxygen sensing prepared by solâ€“gel process. Sensors and Actuators B: Chemical, 2001, 77, 484-490.	4.0	103
15	Concentration quenching of Eu2+ in SrOÂ·Al2O3:Eu2+ phosphor. Journal of Luminescence, 2002, 97, 1-6.	1.5	103
16	Mechanical Properties of Cr2AlC Ceramics. Journal of the American Ceramic Society, 2007, 90, 1663-1666.	1.9	102
17	Titanium dioxide films for photovoltaic cells derived from a solâ€“gel process. Solar Energy Materials and Solar Cells, 1999, 56, 167-174.	3.0	93
18	Investigation of solâ€“gel prepared CeO2â€“TiO2 thin films for oxygen gas sensing. Sensors and Actuators B: Chemical, 2003, 95, 145-150.	4.0	90

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19	Hydrogen gas sensor based on highly ordered polyaniline nanofibersâ¯†. Sensors and Actuators B: Chemical, 2009, 137, 529-532.	4.0	90
20	Low-operating temperature NO2 gas sensors based on hybrid two-dimensional SnS2-reduced graphene oxide. Applied Surface Science, 2018, 462, 330-336.	3.1	89
21	A ZnO nanorod based layered ZnO/64Â° YX LiNbO3 SAW hydrogen gas sensor. Thin Solid Films, 2007, 515, 8705-8708.	0.8	84
22	Semiconductor MoO3â€“TiO2 thin film gas sensors. Sensors and Actuators B: Chemical, 2001, 77, 472-477.	4.0	83
23	Sensitivity enhancement towards ethanol and methanol of TiO2 films doped with Pt and Nb. Sensors and Actuators B: Chemical, 2000, 64, 169-174.	4.0	81
24	Quasi physisorptive two dimensional tungsten oxide nanosheets with extraordinary sensitivity and selectivity to NO₂. Nanoscale, 2017, 9, 19162-19175.	2.8	81
25	Hydrothermal synthesis of bismuth oxide needles. Materials Letters, 2002, 55, 46-49.	1.3	80
26	Epitaxial growth and properties of Ga-doped ZnO films grown by pulsed laser deposition. Journal of Crystal Growth, 2003, 259, 130-136.	0.7	80
27	Anisotropic grain growth of Bi4Ti3O12 in molten salt fluxes. Materials Research Bulletin, 2003, 38, 567-576.	2.7	79
28	Flexural Properties and Fracture Behavior of CF/PEEK in Orthogonal Building Orientation by FDM: Microstructure and Mechanism. Polymers, 2019, 11, 656.	2.0	77
29	Hydrothermal synthesis of Na0.5Bi0.5TiO3 fine powders. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 99, 506-510.	1.7	73
30	Using room temperature ionic liquid to fabricate PEDOT/TiO2 nanocomposite electrode-based electrochromic devices with enhanced long-term stability. Solar Energy Materials and Solar Cells, 2008, 92, 1253-1259.	3.0	73
31	Highly temperature-sensitive and blue upconversion luminescence properties of Bi2Ti2O7:Tm3+/Yb3+ nanofibers by electrospinning. Chemical Engineering Journal, 2020, 391, 123546.	6.6	73
32	Carbon monoxide response of molybdenum oxide thin films deposited by different techniques. Sensors and Actuators B: Chemical, 2000, 68, 168-174.	4.0	71
33	Ultrafast Response and High Selectivity toward Acetone Vapor Using Hierarchical Structured TiO₂ Nanosheets. ACS Applied Materials & Interfaces, 2020, 12, 13200-13207.	4.0	71
34	UV and X-ray excited luminescence of Tb3+-doped ZnGa2O4 phosphors. Journal of Alloys and Compounds, 2005, 391, 202-205.	2.8	69
35	Synthesis and characterization of Cr2AlC ceramics prepared by spark plasma sintering. Materials Letters, 2007, 61, 4442-4445.	1.3	68
36	Facile synthesis of Nb2O5 nanorod array films and their electrochemical properties. Applied Surface Science, 2011, 257, 10084-10088.	3.1	67

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37	SrAl2O4: Eu2+, Dy3+ phosphors derived from a new solâ€“gel route. Microelectronics Journal, 2004, 35, 379-382.	1.1	66
38	Formation of nanoporous titanium oxide films on silicon substrates using an anodization process. Nanotechnology, 2006, 17, 808-814.	1.3	66
39	Liquidâ€Metal Synthesized Ultrathin SnS Layers for Highâ€Performance Broadband Photodetectors. Advanced Materials, 2020, 32, e2004247.	11.1	66
40	Fabrication of textured bismuth titanate by templated grain growth using aqueous tape casting. Journal of the European Ceramic Society, 2003, 23, 2163-2169.	2.8	60
41	Fabrication of nanostructured TiO2 by anodization: A comparison between electrolytes and substrates. Sensors and Actuators B: Chemical, 2008, 130, 25-31.	4.0	60
42	Characterization of Ga2O3 based MRISiC hydrogen gas sensors. Sensors and Actuators B: Chemical, 2004, 103, 129-135.	4.0	59
43	Electrical properties of neodymium doped CaBi4Ti4O15 ceramics. Solid State Communications, 2005, 133, 553-557.	0.9	57
44	A novel wireless gas sensor based on LTCC technology. Sensors and Actuators B: Chemical, 2017, 239, 711-717.	4.0	57
45	Hydrothermal Synthesis of Acicular Lead Titanate Fine Powders. Journal of the American Ceramic Society, 1992, 75, 1123-1128.	1.9	56
46	Fabricating redâ€“blue-switching dual polymer electrochromic devices using room temperature ionic liquid. Solar Energy Materials and Solar Cells, 2009, 93, 564-570.	3.0	54
47	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
48	Stretchable, flexible, and transparent SrAl2O4:Eu2+@TPU ultraviolet stimulated anti-counterfeiting film. Chemical Engineering Journal, 2021, 405, 126949.	6.6	54
49	Bi4Ti3O12 nanoparticles prepared by hydrothermal synthesis. Journal of the European Ceramic Society, 2003, 23, 161-166.	2.8	53
50	Phase formation sequence of Cr2AlC ceramics starting from Crâ€“Alâ€“C powders. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 443, 229-234.	2.6	53
51	Enhanced Thermal Stability of Halide Perovskite CsPbX₃ Nanocrystals by a Facile TPU Encapsulation. Advanced Optical Materials, 2020, 8, 1901516.	3.6	53
52	Novel photoelectrochromic cells containing a polyaniline layer and a dye-sensitized nanocrystalline TiO2 photovoltaic cell. Synthetic Metals, 1998, 94, 273-277.	2.1	50
53	Fabrication of Smart Components by 3D Printing and Laser-Scribing Technologies. ACS Applied Materials & Interfaces, 2020, 12, 3928-3935.	4.0	50
54	Structural and Electrical Properties of Er₂O₃â€Doped Na_{1/2}Bi_{1/2}TiO₃ Leadâ€Free Piezoceramics. Journal of the American Ceramic Society, 2007, 90, 3642-3645.	1.9	47

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55	(100)-Textured KNN-based thick film with enhanced piezoelectric property for intravascular ultrasound imaging. Applied Physics Letters, 2015, 106, 173504.	1.5	47
56	Anomalous Photovoltaic Effect in Centrosymmetric Ferroelastic BiVO₄. Advanced Materials, 2018, 30, e1801619.	11.1	45
57	Piezoelectric Responses of Mechanically Exfoliated Two-Dimensional SnS₂ Nanosheets. ACS Applied Materials & Interfaces, 2020, 12, 51662-51668.	4.0	45
58	In-Situ Monitoring and Diagnosing for Fused Filament Fabrication Process Based on Vibration Sensors. Sensors, 2019, 19, 2589.	2.1	44
59	Seedâ€Free Solidâ€State Growth of Large Leadâ€Free Piezoelectric Single Crystals: (Na_{1/2}K_{1/2})NbO₃. Journal of the American Ceramic Society, 2015, 98, 2988-2996.	1.9	43
60	Colossal permittivity of (Li, Nb) co-doped TiO2 ceramics. Ceramics International, 2019, 45, 11920-11926.	2.3	41
61	Microstructural characterization of MoO3â€“TiO2 nanocomposite thin films for gas sensing. Sensors and Actuators B: Chemical, 2001, 77, 27-34.	4.0	40
62	Room temperature gas sensing under UV light irradiation for Ti3C2Tx MXene derived lamellar TiO2-C/g-C3N4 composites. Applied Surface Science, 2021, 535, 147666.	3.1	40
63	A polyaniline nanofibre electrode and its application in a self-powered photoelectrochromic cell. Nanotechnology, 2007, 18, 015201.	1.3	39
64	Synthesis and electrochemical properties of template-based polyaniline nanowires and template-free nanofibril arrays: Two potential nanostructures for gas sensors. Sensors and Actuators B: Chemical, 2009, 136, 1-7.	4.0	39
65	Low-temperature sintering of Bi4Ti3O12 derived from a co-precipitation method. Materials Letters, 2002, 56, 910-914.	1.3	38
66	Strong Green and Red Upconversion Emission in Er3+-Doped Na1/2Bi1/2TiO3Ceramics. Journal of the American Ceramic Society, 2007, 90, 664-666.	1.9	38
67	A hydrogen/methane sensor based on niobium tungsten oxide nanorods synthesised by hydrothermal method. Sensors and Actuators B: Chemical, 2013, 184, 118-129.	4.0	37
68	Two-Dimensional (2D) SnS 2 -based Oxygen Sensor. Procedia Engineering, 2016, 168, 1102-1105.	1.2	37
69	Effect of Nd substitution on the microstructure and electrical properties of Bi7Ti4NbO21 piezoceramics. Journal of the European Ceramic Society, 2012, 32, 3781-3789.	2.8	36
70	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
71	Intergrowth Bi2WO6â€“Bi3TiNbO9 ferroelectrics with high ionic conductivity. Applied Physics Letters, 2005, 86, 192906.	1.5	35
72	Colossal permittivity and dielectric relaxation of (Li, In) Co-doped ZnO ceramics. Journal of Alloys and Compounds, 2017, 698, 200-206.	2.8	35

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73	Enhanced up-conversion luminescence and excellent temperature sensing properties in Yb3+ sensitized Er3+-doped Bi3Ti1.5W0.5O9 multifunctional ferroelectric ceramics. Journal of Alloys and Compounds, 2018, 735, 473-479.	2.8	35
74	Investigation of solâ€“gel prepared Gaâ€“Zn oxide thin films for oxygen gas sensing. Sensors and Actuators A: Physical, 2003, 108, 263-270.	2.0	34
75	Fabrication of BaTiO3 dielectric films by direct ink-jet printing. Ceramics International, 2004, 30, 1885-1887.	2.3	34
76	Grain oriented CaBi4Ti4O15 piezoceramics prepared by the screen-printing multilayer grain growth technique. Journal of the European Ceramic Society, 2005, 25, 2727-2730.	2.8	33
77	Lanthanum distribution and dielectric properties of intergrowth Bi5â^'xLaxTiNbWO15 ferroelectrics. Applied Physics Letters, 2005, 87, 202901.	1.5	33
78	Ferroelectricity in intergrowth Bi3TiNbO9â€“Bi4Ti3O12 ceramics. Journal of Applied Physics, 2006, 99, 114101.	1.1	32
79	Hydrothermal synthesis of potassium niobate powders. Ceramics International, 2007, 33, 1611-1615.	2.3	32
80	Synthesis and electrochemical properties of CeO2 nanoparticle modified TiO2 nanotube arrays. Electrochimica Acta, 2011, 56, 2914-2918.	2.6	32
81	Poly(3,4-ethylenedioxythiophene)/Mesoporous Carbon Composite. Journal of Physical Chemistry C, 2007, 111, 18073-18077.	1.5	31
82	Effect of composition and processing on phase assembly and mechanical property of Cr2AlC ceramics. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 454-455, 132-138.	2.6	31
83	Influence of different templates on the textured Bi0.5(Na1â^'xKx)0.5TiO3 piezoelectric ceramics by the reactive templated grain growth process. Ceramics International, 2004, 30, 1889-1893.	2.3	30
84	Ferroelectric and piezoelectric properties of vanadium-doped CaBi4Ti4O15 ceramics. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2005, 117, 241-245.	1.7	29
85	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
86	Ammonia sensing properties of two-dimensional tin disulphide/tin oxides (SnS2/SnO2-x) mixed phases. Journal of Alloys and Compounds, 2019, 781, 440-449.	2.8	28
87	Grain growth and piezoelectric property of KNN-based lead-free ceramics. Current Applied Physics, 2011, 11, S2-S13.	1.1	27
88	An LC Wireless Microfluidic Sensor Based on Low Temperature Co-Fired Ceramic (LTCC) Technology. Sensors, 2019, 19, 1189.	2.1	27
89	Wireless Microfluidic Sensor for Metal Ion Detection in Water. ACS Omega, 2021, 6, 9302-9309.	1.6	27
90	Fabrication of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mtext>TiO</mml:mtext></mml:mr mathvariant="bold">2</mml:mn></mml:msub></mml:mrow></mml:math>Nanotube Thin Films and Their Gas Sensing Properties. Journal of Sensors, 2009, 2009, 1-19.	0.6	26

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91	MoO3, WO3 Single and Binary Oxide Prepared by Sol-Gel Method for Gas Sensing Applications. Journal of Sol-Gel Science and Technology, 2003, 26, 1097-1101.	1.1	25
92	Topochemical synthesis of plate-like Na0.5Bi0.5TiO3 templates from Bi4Ti3O12. Materials Letters, 2010, 64, 1157-1159.	1.3	25
93	Combinatorial Study of Ceramic Tape-Casting Slurries. ACS Combinatorial Science, 2012, 14, 205-210.	3.8	25
94	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
95	Improvement of gas sensing property for two-dimensional Ti3C2Tx treated with oxygen plasma by microwave energy excitation. Ceramics International, 2021, 47, 7728-7737.	2.3	25
96	Low-temperature synthesis of nanocrystalline ZnGa2O4:Tb3+ phosphors via the Pechini method. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 110, 302-306.	1.7	24
97	Response of intergrown microstructure to an electric field and its consequences in the lead-free piezoelectric bismuth sodium titanate. Journal of Solid State Chemistry, 2012, 187, 309-315.	1.4	24
98	A novel upconversion optical thermometers derived from non-thermal coupling levels of CaZnOS:Tm/Yb phosphors. Journal of Solid State Chemistry, 2021, 297, 122063.	1.4	24
99	Evolution of textured microstructure of Li-doped (K,Na)NbO3 ceramics prepared by reactive templated grain growth. Journal of Alloys and Compounds, 2015, 624, 158-164.	2.8	23
100	Facile Chemical Bath Synthesis of SnS Nanosheets and Their Ethanol Sensing Properties. Sensors, 2019, 19, 2581.	2.1	21
101	Structure and Microwave Dielectric Properties of Gillespite-Type ACuSi₄O₁₀ (A = Ca, Sr, Ba) Ceramics and Quantitative Prediction of the Q Ã— f Value via Machine Learning. ACS Applied Materials & Interfaces, 2021, 13, 17817-17826.	4.0	21
102	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
103	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
104	Synthesis and characterization of Liâ€“Nbâ€“Tiâ€“O dielectric material by the citrate solâ€“gel method. Journal of Alloys and Compounds, 2009, 475, 546-550.	2.8	19
105	High-throughput synthesis and electrical properties of BNTâ€“BTâ€“KNN lead-free piezoelectric ceramics. Journal of Materials Chemistry C, 2020, 8, 3655-3662.	2.7	19
106	Pt/Ga2O3/SiC MRISiC devices: a study of the hydrogen response. Journal Physics D: Applied Physics, 2005, 38, 754-763.	1.3	18
107	ABS-064: Grain oriented (Na0.5Bi0.5)0.94Ba0.06TiO3 piezoceramics prepared by the screen-printing multilayer grain growth technique. Journal of Electroceramics, 2009, 22, 131-135.	0.8	18
108	Suppression of Silver Diffusion in Borosilicate Glassâ€Based Lowâ€Temperature Cofired Ceramics by Copper Oxide Addition. Journal of the American Ceramic Society, 2016, 99, 2402-2407.	1.9	18

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109	Passive Wireless LC Proximity Sensor Based on LTCC Technology. Sensors, 2019, 19, 1110.	2.1	18
110	Enhanced Piezoelectric Properties Enabled by Engineered Low-Dimensional Nanomaterials. ACS Applied Nano Materials, 2022, 5, 12126-12142.	2.4	18
111	La doping effects on intergrowth Bi2WO6â€“Bi3TiNbO9 ferroelectrics. Ceramics International, 2008, 34, 735-739.	2.3	17
112	Doped 2D SnS materials derived from liquid metal-solution for tunable optoelectronic devices. Nanoscale, 2022, 14, 6802-6810.	2.8	17
113	Influence of B[sub 2]O[sub 3] on Matrix Forming Process and Luminescent Properties of SrOâ—Al[sub 2]O[sub 3]:Eu[sup 2+] Phosphor. Journal of the Electrochemical Society, 2002, 149, H65.	1.3	16
114	SrAl[sub 2]O[sub 4]:(Eu[sup 2+],â€‰Dy[sup 3+]) Phosphor Thin Films Derived from the Sol-Gel Process. Journal of the Electrochemical Society, 2005, 152, H12.	1.3	16
115	Electrochemical preparation of PMeT/TiO2 nanocomposite electrochromic electrodes with enhanced long-term stability. Journal of Solid State Electrochemistry, 2008, 12, 1503-1509.	1.2	16
116	Effect of crystallographic orientation on the anodic formation of nanoscale pores/tubes in TiO2 films. Applied Surface Science, 2009, 256, 120-123.	3.1	16
117	Enhanced electrical properties, color-tunable up-conversion luminescence, and temperature sensing behaviour in Er-doped Bi3Ti1.5W0.5O9 multifunctional ferroelectric ceramics. Journal of Applied Physics, 2017, 121, 124102.	1.1	16
118	Fabrications and Performance of Wireless LC Pressure Sensors through LTCC Technology. Sensors, 2018, 18, 340.	2.1	16
119	In situ synthesis of HAgg iron carbide (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq1 1 0.784314 rgBT /O nanoparticles with a high coercivity and saturation magnetization. Journal of Alloys and Compounds, 2019, 781, 1069-1073.	2.8	16
120	Core-shell CsPbBr3@Cs4PbBr6 nanocrystals dispersed in thermoplastic polyurethane as writeable heat-resistant fluorescent inks. Journal of Alloys and Compounds, 2021, 865, 158768.	2.8	16
121	Dielectric and ferroelectric properties of intergrowth Bi7â^'xLaxTi4NbO21 ceramics. Applied Physics Letters, 2006, 88, 152909.	1.5	15
122	Ferroelectric and piezoelectric properties of Aurivillius phase intergrowth ferroelectrics and the underlying materials design. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 1035-1040.	0.8	15
123	Hydrothermally formed functional niobium oxide doped tungsten nanorods. Nanotechnology, 2013, 24, 495501.	1.3	15
124	Colossal permittivity and dielectric relaxations in BaTi0.99(Nb0.5Ga0.5)0.02O3 ceramics. Ceramics International, 2015, 41, S846-S850.	2.3	15
125	Parallel preparation and properties investigation on Li2O-Nb2O5-TiO2 microwave dielectric ceramics. Journal of the European Ceramic Society, 2017, 37, 3951-3957.	2.8	15
126	xLiNbO3-(1-x)(K,Na)NbO3 ceramics: A new class of phosphors with tunable upconversion luminescence by external electric field and excellent optical temperature sensing property. Journal of Alloys and Compounds, 2019, 770, 214-221.	2.8	15

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127	Thermal expansion coefficient tailoring of LAS glass-ceramic for anodic bondable low temperature co-fired ceramic application. Ceramics International, 2020, 46, 4771-4777.	2.3	15
128	Synthesis of fibrous TiO2 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
129	Electroluminescence of SrAl2O4:Eu2+ phosphor. Microelectronics Journal, 2004, 35, 375-377.	1.1	14
130	Ferroelectric photovoltaic and flexoâ€photovoltaic effects in (1Ââ^'Âx)(Bi_{0.5}Na_{0.5})TiO₃â€xBiFeO₃ systems under visible light. Journal of the American Ceramic Society, 2020, 103, 4363-4372.	1.9	14
131	Ferroelectric and piezoelectric properties of tungsten doped CaBi4Ti4O15 ceramics. Journal of Electroceramics, 2008, 21, 305-308.	0.8	13
132	Heat treatment effects on the formation of lanthanum-modified lead zirconate titanate thin films. Materials Letters, 2008, 62, 370-373.	1.3	13
133	Pechinin synthesis and luminescence properties of Y3Ga5O12(YGG):Tb thin film. Materials Letters, 2008, 62, 2355-2358.	1.3	13
134	Textured (K0.5Na0.5)NbO3 ceramics prepared by screen-printing multilayer grain growth technique. Ceramics International, 2012, 38, S283-S286.	2.3	13
135	Liâ€“Nbâ€“Tiâ€“O microwave dielectric ceramics. Journal of Asian Ceramic Societies, 2013, 1, 2-8.	1.0	13
136	Dielectric, Impedance, and Electric Modulus Spectroscopies of Mixed-Layer Aurivillius Phase Bi[sub 5]Ti[sub 1.5]W[sub 1.5]O[sub 15]. Journal of the Electrochemical Society, 2006, 153, F100.	1.3	12
137	Highly textured (Na1/2Bi1/2)0.94Ba0.06TiO3 ceramics prepared by the screen-printing multilayer grain growth technique. Ceramics International, 2008, 34, 753-756.	2.3	12
138	Anisotropic properties and crystal structure of ferroelectric Na0.5Bi4.5Ti4O15. Journal of Alloys and Compounds, 2010, 506, 70-72.	2.8	12
139	Low-temperature sintering and electrical properties of (K, Na)NbO3 based lead-free ceramics with high Curie temperature. Ceramics International, 2012, 38, S295-S299.	2.3	12
140	Microwave dielectric properties of La4Ti3O12 ceramics. Materials Letters, 2014, 118, 24-26.	1.3	12
141	Integrated passive wireless pressure and temperature dual-parameter sensor based on LTCC technology. Ceramics International, 2018, 44, S129-S132.	2.3	12
142	The dielectric, thermal properties and crystallization mechanism of Liâ€“Al â€“ Bâ€“Si â€“ O glass â€“ Ceramic systems as a new ULTCC material. Ceramics International, 2019, 45, 19689-19694.	2.3	12
143	Tunable upconversion luminescence and enhanced temperature sensitive properties from Bi2Ti2O7:Yb3+/Er3+ nanofibers. Journal of Materials Science, 2021, 56, 9302-9314.	1.7	12
144	Preparation of (BaxSr1â^'x)TiO3 sols used for ceramic film jet-printing. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 99, 502-505.	1.7	11

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145	Concentration Quenching of Eu[sup 2+] in 4SrOâ‹…7Al[sub 2]O[sub 3]:Eu[sup 2+] Phosphor. Journal of the Electrochemical Society, 2005, 152, H15.	1.3	11
146	Synthesis and luminescent properties of YGG:Tb phosphors by Pechini method. Journal of Luminescence, 2007, 122-123, 704-706.	1.5	11
147	Solâ€“gel synthesis and luminescence property of ZnO:(La,Eu)Cl nanocomposite thin films. Thin Solid Films, 2008, 516, 5557-5561.	0.8	11
148	Sintering and Microwave Dielectric Properties of the LiNb_{0.63}Ti_{0.4625}O₃ Ceramics with the B₂O₃â€“SiO₂ Liquidâ€Phase Additives. Journal of the American Ceramic Society, 2009, 92, 2630-2633.	1.9	11
149	Phase Structure and Enhanced Piezoelectric Properties of Leadâ€Free Ceramics (1â^’x)(K_{0.48}Na_{0.52})NbO₃â€“(x/5.15) K_{2.9}Li_{1.95}Nb_{5.15}O_{15.3} with High Curie Temperature. International Journal of Applied Ceramic Technology, 2012, 9, 221-227.	1.1	11
150	Microwave Dielectric Properties of AZn₂(PO₄)₂(A = Sr, Ba) Ceramics. Ferroelectrics, 2016, 492, 91-102.	0.3	11
151	Preparation and electrical properties of a new-type intergrowth bismuth layer-structured (Bi3TiNbO9)1(Bi4Ti3O12)2 ceramics. Journal of Alloys and Compounds, 2018, 753, 54-59.	2.8	11
152	Near infrared-stimulated heating behaviors and ultra-high temperature sensitivity in Bi2Ti2O7:Yb3+/Ho3+ nanofibers. Journal of Alloys and Compounds, 2021, 861, 158622.	2.8	11
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