

Lingxia Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

69

papers

839

citations

16

h-index

26

g-index

72

ext. papers

1,033

ext. citations

3.4

avg, IF

4.39

L-index

#	Paper	IF	Citations
69	Enhanced conductivity and stability of Cu-embedded zinc tin oxide flexible transparent conductive thin films. <i>Ceramics International</i> , 2022 ,	5.1	1
68	Highly conductive and stretching-insensitive transparent electrodes based on CuNWs. <i>Materials Letters</i> , 2022 , 316, 132023	3.3	
67	Flexible transparent Ag nanowire/UV-curable resin heaters with ultra-flexibility, high transparency, quick thermal response, and mechanical reliability. <i>Journal of Alloys and Compounds</i> , 2022 , 908, 164690	5.7	0
66	L2Ti0.85(Mg1/3Nb2/3)0.15O3/MgTiO3/L2Ti0.85 (Mg1/3Nb2/3)0.15O3 tri-layer co-fired microwave dielectric ceramics: A strategy to suppress non-linear variation of resonant frequency with temperature and achieve a high Q value. <i>Applied Physics Letters</i> , 2022 , 120, 222901	3.4	0
65	Dielectric tunable performance of (BaxCa1-x)(Zr0.2Ti0.8)O3 ceramics investigated using Landau-Devonshire theory. <i>Ceramics International</i> , 2021 , 47, 5993-5997	5.1	1
64	All-Solution-Processed Molybdenum Oxide-Encapsulated Silver Nanowire Flexible Transparent Conductors with Improved Conductivity and Adhesion. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 14470-14478	9.5	12
63	Ultra-low dielectric loss lithium-based, temperature stable microwave dielectric ceramics. <i>Ceramics International</i> , 2021 , 48, 1394-1394	5.1	1
62	Folding-insensitive, flexible transparent conductive electrodes based on copper nanowires. <i>Solar Energy Materials and Solar Cells</i> , 2021 , 231, 111323	6.4	3
61	A low-sintering temperature microwave dielectric ceramic for 5G LTCC applications with ultralow loss. <i>Ceramics International</i> , 2021 , 47, 28675-28684	5.1	1
60	Structure, binding energy and optoelectrical properties of p-type CuI thin films: The effects of thickness. <i>Applied Surface Science</i> , 2020 , 502, 144424	6.7	15
59	High-performance flexible transparent conductive films based on copper nanowires with electroplating welded junctions. <i>Solar Energy Materials and Solar Cells</i> , 2019 , 201, 110067	6.4	36
58	(1 1 0) textured BaSn0.15Ti0.85O3/Ba0.6Sr0.4TiO3/BaZr0.2Ti0.8O3 multilayers with enhanced tunable performance. <i>Journal of Alloys and Compounds</i> , 2019 , 781, 689-695	5.7	6
57	Bond theory, terahertz spectra, and dielectric studies in donor-acceptor (Nb-Al) substituted ZnTiNb2O8 system. <i>Journal of the American Ceramic Society</i> , 2019 , 102, 4612-4620	3.8	16
56	High-Q microwave ceramics of Li2TiO3 co-doped with magnesium and niobium. <i>Journal of the American Ceramic Society</i> , 2018 , 101, 4066-4075	3.8	22
55	High dielectric constant and high-Q in microwave ceramics of SrTiO3 co-doped with aluminum and niobium. <i>Journal of the American Ceramic Society</i> , 2018 , 101, 1835-1840	3.8	18
54	Performance enhancement of Cu-based AZO multilayer thin films via graphene fence engineering for organic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2018 , 183, 66-72	6.4	53
53	Medium temperature sintered BaTiO3-based X8R ceramics with Bi2O3/BiO2/Bi2O3 additive. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 9763-9769	2.1	2

52	Improved performance of transparent-conducting AZO/Cu/AZO multilayer thin films by inserting a metal Ti layer for flexible electronics. <i>Optics Letters</i> , 2017 , 42, 3020-3023	3	24
51	Microstructure and microwave dielectric properties of CuO-modified CoWO ₄ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 3523-3529	2.1	6
50	Microwave dielectric properties of (1-x)MgTiO ₃ (Ca _{0.6} Na _{0.2} Sm _{0.2})TiO ₃ ceramic system. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 1286-1292	2.1	8
49	Preparation and investigation of nano-thick FTO/Ag/FTO multilayer transparent electrodes with high figure of merit. <i>Scientific Reports</i> , 2016 , 6, 20399	4.9	62
48	Preferential orientation, microstructure and functional properties of SnO ₂ :Sb thin film: The effects of post-growth annealing. <i>Applied Surface Science</i> , 2016 , 362, 230-236	6.7	20
47	The microscopic mechanism in the realization of ultra-wide temperature range stability in Bi ³⁺ ,Na ⁺ ,Zn ²⁺ ,Nb ⁵⁺ doped BaTiO ₃ dielectric system. <i>RSC Advances</i> , 2016 , 6, 24518-24526	3.7	8
46	Effects of dwell time on dielectric properties and diffuse phase transition behavior of Li ₂ CO ₃ doped BaZr _{0.2} Ti _{0.8} O ₃ ceramic. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 9265-9271	2.1	2
45	A temperature stable microwave dielectric material Ni _{0.35} Zn _{0.65} TiNb ₂ O ₈ . <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 998-1003	2.1	7
44	Effect of rf power on the dielectric properties of bismuth magnesium niobium titanium thin films deposited by RF magnetron sputtering. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 2053-2058	2.1	1
43	A novel low-loss spinel microwave dielectric ceramic CoZnTiO ₄ . <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 8663-8666	2.1	5
42	Structure and properties analysis for Zn ₃ Nb ₂ O ₈ and (Zn _{0.95} M _{0.05}) ₃ Nb ₂ O ₈ (M = Ni, Co, Mg and Mn) microwave dielectric materials. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 7026-7031	2.1	3
41	Microstructure and microwave dielectric characteristics of ZnZrNb ₂ O ₈ and (Zn _{0.95} M _{0.05})ZrNb ₂ O ₈ (M = Ni, Mg, Co and Mn) ceramics. <i>Journal of Alloys and Compounds</i> , 2015 , 639, 516-519	5.7	50
40	Effect of film orientation on the dielectric properties of bismuth magnesium niobate thin films prepared by RF magnetron sputtering. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 288-293	2.1	2
39	Effects of B ₂ O ₃ additive on sintering behavior and microwave dielectric properties of LaAlO ₃ -doped MgTiO ₃ /CaTiO ₃ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 5037-5042	2.1	8
38	Multilayer thin films with compositional PbZr _{0.52} Ti _{0.48} O ₃ /Bi _{1.5} Zn _{1.0} Nb _{1.5} O ₇ layers for tunable applications. <i>Scientific Reports</i> , 2015 , 5, 10173	4.9	13
37	LaAlO ₃ doped (Mg _{0.95} Zn _{0.05})TiO ₃ /CaTiO ₃ ceramic system with ultra-high-Q and temperature-stable characterization. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 5871-5876	2.1	4
36	Electric-field switch of magnetization in BaTiO ₃ /Na _{0.5} Bi _{0.5} TiO ₃ /NiFe ₂ O ₄ composite. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 8261-8266	2.1	4
35	Super-broad temperature stability achieved by La-doped BaTiO ₃ /Bi _{0.5} Na _{0.5} TiO ₃ /Nb ₂ O ₅ based ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 84-89	2.1	6

34	Investigation on Tunable Performance of BMN/BST Multilayer and BMNBST Composite Thin Films. <i>Journal of the American Ceramic Society</i> , 2015 , 98, 819-823	3.8	13
33	Synthesis and characterization of X8R BaTiO ₃ -based dielectric ceramics by doping with NiNb ₂ O ₆ nanopowders. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 9522-9528	2.1	3
32	Characteristics of Transparent Conducting W-Doped SnO ₂ Thin Films Prepared by Using the Magnetron Sputtering Method. <i>Journal of the American Ceramic Society</i> , 2015 , 98, 1121-1127	3.8	24
31	Fully transparent thin-film varactors: fabrication and performance. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 5703-5708	7.1	6
30	Enhanced dielectric and electrical properties in CaZrO ₃ -doped X8R BaTiO ₃ -based ceramics sintered at medium temperature. <i>Journal of Materials Science: Materials in Electronics</i> , 2014 , 25, 4252-4258	2.1	5
29	Correlation between crystal structures and vibration modes of Ba[(Zn ^{1-x} Mg ^x) _{1/3} Nb _{2/3}]O ₃ ceramics as a function of sintering temperatures. <i>Journal of Materials Science: Materials in Electronics</i> , 2014 , 25, 2748-2758	2.1	5
28	Effect of thickness on the dielectric properties of bismuth magnesium niobium thin films deposited by rf magnetron sputtering. <i>Ceramics International</i> , 2014 , 40, 12029-12034	5.1	
27	Bi _{1.5} Mg _{1.0} Nb _{1.5} O ₇ /Ba _{0.6} Sr _{0.4} TiO ₃ bilayer thin films prepared by pulsed laser deposition. <i>Journal of Alloys and Compounds</i> , 2014 , 612, 26-29	5.7	13
26	Investigation on preparation and electric field tunable dielectric properties of novel bismuth magnesium niobate transparent capacitors for opto-electronic devices. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 9683-9688	7.1	10
25	Effect of Ion Substitution for Nd ³⁺ Based on Structural Characteristic on the Microwave Dielectric Properties of NdNbO ₄ Ceramic System. <i>Journal of the American Ceramic Society</i> , 2014 , 97, 976-981	3.8	28
24	Effect of Gd amphoteric substitution on structure and dielectric properties of BaTiO ₃ -based ceramics. <i>Journal of Electroceramics</i> , 2013 , 30, 129-132	1.5	19
23	Ultra-Broad Temperature Stability Obtained with Ce-Doped BaTiO ₃ -Based Ceramics. <i>Journal of the American Ceramic Society</i> , 2013 , 96, 3046-3049	3.8	9
22	In-pixel charge addition scheme applied in time-delay integration CMOS image sensors. <i>Transactions of Tianjin University</i> , 2013 , 19, 140-146	2.9	2
21	Structure and voltage tunable dielectric properties of sol-gel derived Bi _{1.5} MgNb _{1.5} O ₇ thin films. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 63, 395-399	2.3	10
20	A Low Sintering Temperature Low Loss Microwave Dielectric Material ZnZrNb ₂ O ₈ . <i>Journal of the American Ceramic Society</i> , 2012 , 95, 3363-3365	3.8	47
19	Effects of Zn/Mg Ratio on the Microstructure and Microwave Dielectric Properties of (Zn ^{1-x} Mg ^x) ₂ SiO ₄ Ceramics. <i>Journal of Electronic Materials</i> , 2012 , 41, 684-688	1.9	16
18	A New Temperature Stable Microwave Dielectric Material Mg _{0.5} Zn _{0.5} TiNb ₂ O ₈ . <i>Journal of the American Ceramic Society</i> , 2012 , 95, 1501-1503	3.8	24
17	Magnetoelectric relaxation in rhombohedral LiNbO ₃ -CoFe ₂ O ₄ . <i>Applied Physics Letters</i> , 2012 , 100, 262903.4	7.4	4

16	New Low-Loss Microwave Dielectric Material ZnTiNbTaO ₈ . <i>Journal of the American Ceramic Society</i> , 2011 , 94, 3237-3240	3.8	85
15	Influence of Bi ₂ O ₃ addition on structure and dielectric properties of Ag(Nb _{0.8} Ta _{0.2})O ₃ ceramics. <i>Materials Science-Poland</i> , 2011 , 29, 1-8	0.6	2
14	A microwave dielectric material for microstrip patch antenna substrate. <i>Journal of Materials Research</i> , 2011 , 26, 2503-2510	2.5	7
13	Influence of CaF ₂ on the structure and dielectric properties of Ag(Nb _{0.8} Ta _{0.2})O ₃ ceramics. <i>Rare Metals</i> , 2010 , 29, 50-54	5.5	6
12	Low temperature sintering of Li _{1.1} Nb _{0.58} Ti _{0.5} O ₃ -xBi ₂ O ₃ dielectric with adjustable temperature coefficient. <i>Journal of Materials Science: Materials in Electronics</i> , 2010 , 21, 213-217	2.1	12
11	Doping effect of Mg ²⁺ on BaTiO ₃ -based metal dielectric composite system. <i>Journal of Materials Science: Materials in Electronics</i> , 2010 , 21, 298-301	2.1	2
10	Effect of Co ₂ O ₃ Additive on the Microstructures and Dielectric Properties of MgTiO ₃ Ceramics. <i>Ferroelectrics</i> , 2009 , 388, 167-171	0.6	5
9	Dielectric Properties and Quantitative Phase Analysis of the Sn-Doped ZnO-TiO ₂ -Nb ₂ O ₅ Ceramics. <i>Ferroelectrics</i> , 2009 , 388, 54-59	0.6	1
8	Synthesis and dielectric properties of Ag(Nb _{0.6} Ta _{0.4})O ₃ ceramics prepared by solid-state and sol-gel methods. <i>Journal of Materials Science</i> , 2009 , 44, 5919-5925	4.3	9
7	Synthesis and characterization of sol-gel derived Ag(Nb,Ta)O ₃ nanopowder. <i>Journal of Sol-Gel Science and Technology</i> , 2009 , 51, 251-254	2.3	5
6	Luminescent properties of Sr ₃ Al ₂ O ₆ : Eu, Pr prepared by sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2009 , 50, 267-270	2.3	10
5	Synthesis and Characterization of Magnesium Niobate. <i>Ferroelectrics</i> , 2009 , 388, 42-46	0.6	1
4	Investigation of Different Additive on the Structure and Dielectric Performance of LiNb _{0.6} Ti _{0.5} O ₃ Ceramic. <i>Ferroelectrics</i> , 2009 , 388, 36-41	0.6	7
3	Structure and Dielectric Properties of Rare-Earth (La, Nd, Dy, Er) Substituted Ag(Nb,Ta)O ₃ Ceramics. <i>Ferroelectrics</i> , 2009 , 388, 47-53	0.6	1
2	Dielectric properties of (Ag _x Na _{1-x})(Nb _y Ta _{1-y})O ₃ system prepared by liquid method. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2008 , 23, 38-40	1	2
1	Synthesis and characterization of europium-doped Sr ₃ Al ₂ O ₆ phosphors by sol-gel technique. <i>Journal of Sol-Gel Science and Technology</i> , 2007 , 43, 59-64	2.3	26