Lingxia Li

List of Publications by Citations

Source: https://exaly.com/author-pdf/8550992/lingxia-li-publications-by-citations.pdf
Version: 2024-04-28

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	New Low-Loss Microwave Dielectric Material ZnTiNbTaO8. *Journal of the American Ceramic Society*, **2011**, 94, 3237-3240	3.8	85
68	Preparation and investigation of nano-thick FTO/Ag/FTO multilayer transparent electrodes with high figure of merit. *Scientific Reports*, **2016**, 6, 20399	4.9	62
67	Performance enhancement of Cu-based AZO multilayer thin films via graphene fence engineering for organic solar cells. *Solar Energy Materials and Solar Cells*, **2018**, 183, 66-72	6.4	53
66	Microstructure and microwave dielectric characteristics of ZnZrNb2O8 and (Zn0.95M0.05)ZrNb2O8 (M = Ni, Mg, Co and Mn) ceramics. *Journal of Alloys and Compounds*, **2015**, 639, 516-519	5.7	50
65	A Low Sintering Temperature Low Loss Microwave Dielectric Material ZnZrNb2O8. *Journal of the American Ceramic Society*, **2012**, 95, 3363-3365	3.8	47
64	High-performance flexible transparent conductive films based on copper nanowires with electroplating welded junctions. *Solar Energy Materials and Solar Cells*, **2019**, 201, 110067	6.4	36
63	Effect of Ion Substitution for Nd3+ Based on Structural Characteristic on the Microwave Dielectric Properties of NdNbO4 Ceramic System. *Journal of the American Ceramic Society*, **2014**, 97, 976-981	3.8	28
62	Synthesis and characterization of europium-doped Sr3Al2O6 phosphors by sol□gel technique. *Journal of Sol-Gel Science and Technology*, **2007**, 43, 59-64	2.3	26
61	Improved performance of transparent-conducting AZO/Cu/AZO multilayer thin films by inserting a metal Ti layer for flexible electronics. *Optics Letters*, **2017**, 42, 3020-3023	3	24
60	Characteristics of Transparent Conducting W-Doped SnO2 Thin Films Prepared by Using the Magnetron Sputtering Method. *Journal of the American Ceramic Society*, **2015**, 98, 1121-1127	3.8	24
59	A New Temperature Stable Microwave Dielectric Material Mg0.5Zn0.5TiNb2O8. *Journal of the American Ceramic Society*, **2012**, 95, 1501-1503	3.8	24
58	High-Q microwave ceramics of Li2TiO3 co-doped with magnesium and niobium. *Journal of the American Ceramic Society*, **2018**, 101, 4066-4075	3.8	22
57	Preferential orientation, microstructure and functional properties of SnO2:Sb thin film: The effects of post-growth annealing. *Applied Surface Science*, **2016**, 362, 230-236	6.7	20
56	Effect of Gd amphoteric substitution on structure and dielectric properties of BaTiO3-based ceramics. *Journal of Electroceramics*, **2013**, 30, 129-132	1.5	19
55	High dielectric constant and high-Q in microwave ceramics of SrTiO3 co-doped with aluminum and niobium. *Journal of the American Ceramic Society*, **2018**, 101, 1835-1840	3.8	18
54	Effects of Zn/Mg Ratio on the Microstructure and Microwave Dielectric Properties of (Zn1□ Mg x)2SiO4 Ceramics. *Journal of Electronic Materials*, **2012**, 41, 684-688	1.9	16
53	Bond theory, terahertz spectra, and dielectric studies in donor-acceptor (Nb-Al) substituted ZnTiNb2O8 system. *Journal of the American Ceramic Society*, **2019**, 102, 4612-4620	3.8	16

52	Structure, binding energy and optoelectrical properties of p-type CuI thin films: The effects of thickness. *Applied Surface Science*, **2020**, 502, 144424	6.7	15
51	Multilayer thin films with compositional PbZr0.52Ti0.48O3/Bi1.5Zn1.0Nb1.5O7 layers for tunable applications. *Scientific Reports*, **2015**, 5, 10173	4.9	13
50	Investigation on Tunable Performance of BMN/BST Multilayer and BMN–BST Composite Thin Films. *Journal of the American Ceramic Society*, **2015**, 98, 819-823	3.8	13
49	Bi1.5Mg1.0Nb1.5O7/Ba0.6Sr0.4TiO3 bilayer thin films prepared by pulsed laser deposition. *Journal of Alloys and Compounds*, **2014**, 612, 26-29	5.7	13
48	Low temperature sintering of Li1.1Nb0.58Ti0.5O3-xBi2O3 dielectric with adjustable temperature coefficient. *Journal of Materials Science: Materials in Electronics*, **2010**, 21, 213-217	2.1	12
47	All-Solution-Processed Molybdenum Oxide-Encapsulated Silver Nanowire Flexible Transparent Conductors with Improved Conductivity and Adhesion. *ACS Applied Materials & Interfaces*, **2021** , 13, 14470-14478	9.5	12
46	Investigation on preparation and electric field tunable dielectric properties of novel bismuth magnesium niobate transparent capacitors for opto-electronic devices. *Journal of Materials Chemistry C*, **2014**, 2, 9683-9688	7.1	10
45	Structure and voltage tunable dielectric properties of sol-gel derived Bi1.5MgNb1.5O7 thin films. *Journal of Sol-Gel Science and Technology*, **2012**, 63, 395-399	2.3	10
44	Luminescent properties of Sr3Al2O6: Eu, Pr prepared by sol-gel method. *Journal of Sol-Gel Science and Technology*, **2009**, 50, 267-270	2.3	10
43	Ultra-Broad Temperature Stability Obtained with Ce-Doped BaTiO3-Based Ceramics. *Journal of the American Ceramic Society*, **2013**, 96, 3046-3049	3.8	9
42	Synthesis and dielectric properties of Ag(Nb0.6Ta0.4)O3 ceramics prepared by solid-state and sol-gel methods. *Journal of Materials Science*, **2009**, 44, 5919-5925	4.3	9
41	Microwave dielectric properties of (1 −x)MgTiO3–(Ca0.6Na0.2Sm0.2)TiO3 ceramic system. *Journal of Materials Science: Materials in Electronics*, **2016**, 27, 1286-1292	2.1	8
40	Effects of B2O3 additive on sintering behavior and microwave dielectric properties of LaAlO3-doped MgTiO3–CaTiO3 ceramics. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 5037-5042	2.1	8
39	The microscopic mechanism in the realization of ultra-wide temperature range stability in Bi3+,Na+,Zn2+,Nb5+ doped BaTiO3 dielectric system. *RSC Advances*, **2016**, 6, 24518-24526	3.7	8
38	A temperature stable microwave dielectric material Ni0.35Zn0.65TiNb2O8. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 998-1003	2.1	7
37	A microwave dielectric material for microstrip patch antenna substrate. *Journal of Materials Research*, **2011**, 26, 2503-2510	2.5	7
36	Investigation of Different Additive on the Structure and Dielectric Performance of LiNb0.6Ti0.5O3 Ceramic. *Ferroelectrics*, **2009**, 388, 36-41	0.6	7
35	Super-broad temperature stability achieved by la-doped BaTiO3–Bi0.5 Na0.5TiO3–Nb2O5 based ceramics. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 84-89	2.1	6

34	Microstructure and microwave dielectric properties of CuO-modified CoWO4 ceramics. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 3523-3529	2.1	6
33	Fully transparent thin-film varactors: fabrication and performance. *Journal of Materials Chemistry C*, **2015**, 3, 5703-5708	7.1	6
32	Influence of CaF2 on the structure and dielectric properties of Ag(Nb0.8Ta0.2)O3 ceramics. *Rare Metals*, **2010**, 29, 50-54	5.5	6
31	(1 1 0)-textured BaSn0.15Ti0.85O3/Ba0.6Sr0.4TiO3/BaZr0.2Ti0.8O3 multilayers with enhanced tunable performance. *Journal of Alloys and Compounds*, **2019**, 781, 689-695	5.7	6
30	A novel low-loss spinel microwave dielectric ceramic CoZnTiO4. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 8663-8666	2.1	5
29	Enhanced dielectric and electrical properties in CaZrO3-doped X8R BaTiO3-based ceramics sintered at medium temperature. *Journal of Materials Science: Materials in Electronics*, **2014**, 25, 4252-4258	2.1	5
28	Correlation between crystal structures and vibration modes of Ba[(Zn1−x Mg x)1/3Nb2/3]O3 ceramics as a function of sintering temperatures. *Journal of Materials Science: Materials in Electronics*, **2014**, 25, 2748-2758	2.1	5
27	Effect of Co2O3 Additive on the Microstructures and Dielectric Properties of MgTiO3 Ceramics. *Ferroelectrics*, **2009**, 388, 167-171	0.6	5
26	Synthesis and characterization of sol–gel derived Ag(Nb,Ta)O3 nanopowder. *Journal of Sol-Gel Science and Technology*, **2009**, 51, 251-254	2.3	5
25	LaAlO3 doped (Mg0.95Zn0.05)TiO3–CaTiO3 ceramic system with ultra-high-Q and temperature-stable characterization. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 5871-5876	2.1	4
24	Electric-field switch of magnetization in BaTiO3–Na0.5Bi0.5TiO3–NiFe2O4 composite. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 8261-8266	2.1	4
23	Magnetoelectric relaxation in rhombohedral LiNbO3-CoFe2O4. *Applied Physics Letters*, **2012**, 100, 262907	3.4	4
22	Structure and properties analysis for Zn3Nb2O8 and (Zn0.95M0.05)3Nb2O8 (M = Ni, Co, Mg and Mn) microwave dielectric materials. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 7026-7031	2.1	3
21	Synthesis and characterization of X8R BaTiO3-based dielectric ceramics by doping with NiNb2O6 nanopowders. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 9522-9528	2.1	3
20	Folding-insensitive, flexible transparent conductive electrodes based on copper nanowires. *Solar Energy Materials and Solar Cells*, **2021**, 231, 111323	6.4	3
19	Medium temperature sintered BaTiO3-based X8R ceramics with Bi2O3–TiO2–ZnO–H2BO3 additive. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 9763-9769	2.1	2
18	Effect of film orientation on the dielectric properties of bismuth magnesium niobate thin films prepared by RF magnetron sputtering. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 288-293	2.1	2
17	In-pixel charge addition scheme applied in time-delay integration CMOS image sensors. *Transactions of Tianjin University*, **2013**, 19, 140-146	2.9	2

16	Influence of Bi_2O_3 addition on structure and dielectric properties of $Ag(Nb_{0.8}Ta_{0.2})O_3$ ceramics. *Materials Science-Poland*, **2011**, 29, 1-8	0.6	2
15	Doping effect of Mg^{2+} on $BaTiO_3$-based metal–dielectric composite system. *Journal of Materials Science: Materials in Electronics*, **2010**, 21, 298-301	2.1	2
14	Dielectric properties of $(Ag_xNa_{1-x})(Nb_yTa_{1-y})O_3$ system prepared by liquid method. *Journal Wuhan University of Technology, Materials Science Edition*, **2008**, 23, 38-40	1	2
13	Effects of dwell time on dielectric properties and diffuse phase transition behavior of Li_2CO_3 doped $BaZr_{0.2}Ti_{0.8}O_3$ ceramic. *Journal of Materials Science: Materials in Electronics*, **2016**, 27, 9265-9271	2.1	2
12	Effect of rf power on the dielectric properties of bismuth magnesium niobium titanium thin films deposited by RF magnetron sputtering. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 2053-2058	2.1	1
11	Dielectric Properties and Quantitative Phase Analysis of the Sn-Doped ZnO-TiO_2-Nb_2O_5 Ceramics. *Ferroelectrics*, **2009**, 388, 54-59	0.6	1
10	Synthesis and Characterization of Magnesium Niobate. *Ferroelectrics*, **2009**, 388, 42-46	0.6	1
9	Structure and Dielectric Properties of Rare-Earth (La, Nd, Dy, Er) Substituted $Ag(Nb,Ta)O_3$ Ceramics. *Ferroelectrics*, **2009**, 388, 47-53	0.6	1
8	Dielectric tunable performance of $(Ba_xCa_{1-x})(Zr_{0.2}Ti_{0.8})O_3$ ceramics investigated using Landau-Devonshire theory. *Ceramics International*, **2021**, 47, 5993-5997	5.1	1
7	Ultra-low dielectric loss lithium-based, temperature stable microwave dielectric ceramics. *Ceramics International*, **2021**, 48, 1394-1394	5.1	1
6	A low-sintering temperature microwave dielectric ceramic for 5G LTCC applications with ultralow loss. *Ceramics International*, **2021**, 47, 28675-28684	5.1	1
5	Enhanced conductivity and stability of Cu-embedded zinc tin oxide flexible transparent conductive thin films. *Ceramics International*, **2022**,	5.1	1
4	Flexible transparent Ag nanowire/UV-curable resin heaters with ultra-flexibility, high transparency, quick thermal response, and mechanical reliability. *Journal of Alloys and Compounds*, **2022**, 908, 164690	5.7	0
3	$L_2Ti_{0.85}(Mg_{1/3}Nb_{2/3})_{0.15}O_3/MgTiO_3/L_2Ti_{0.85}(Mg_{1/3}Nb_{2/3})_{0.15}O_3$ 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. *Applied Physics Letters*, **2022**, 120, 222901	3.4	0
2	Effect of thickness on the dielectric properties of bismuth magnesium niobium thin films deposited by rf magnetron sputtering. *Ceramics International*, **2014**, 40, 12029-12034	5.1	
1	Highly conductive and stretching-insensitive transparent electrodes based on CuNWs. *Materials Letters*, **2022**, 316, 132023	3.3	