

## List of Publications by Citations

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115  
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1,879  
ext. citations

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#	Paper	IF	Citations
114	Structural Evolution and Microwave Dielectric Properties of $x\text{ZnTiNbO}-(1-x)\text{ZnNbTiO}$ Ceramics. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 8264-8275	5.1	56
113	Crystal Chemistry, Raman Spectra, and Bond Characteristics of Trirutile-Type $\text{CoTiTaO}$ Microwave Dielectric Ceramics. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 968-976	5.1	50
112	Synthesis and characterization of aerogel-like mesoporous nickel oxide for electrochemical supercapacitors. <i>Journal of Porous Materials</i> , <b>2006</b> , 13, 407-412	2.4	47
111	Structure and microwave dielectric properties of the $\text{Li}_{2/3}(1-x)\text{Sn}_{1/3}(1-x)\text{Mg}_x\text{O}$ systems ( $x \in [0, 4/7]$ ). <i>Journal of the American Ceramic Society</i> , <b>2018</b> , 101, 252-264	3.8	45
110	Improved dielectric breakdown strength and energy storage properties in $\text{Er}_2\text{O}_3$ modified $\text{Sr}_{0.35}\text{Bi}_{0.35}\text{K}_{0.25}\text{TiO}_3$ . <i>Chemical Engineering Journal</i> , <b>2021</b> , 403, 126290	14.7	43
109	Enhanced energy storage and fast charge-discharge properties of $(1-x)\text{BaTiO}_3-x\text{Bi}(\text{Ni}_{1/2}\text{Sn}_{1/2})\text{O}_3$ relaxor ferroelectric ceramics. <i>Ceramics International</i> , <b>2019</b> , 45, 17580-17590	5.1	41
108	A new type of $\text{BaTiO}_3$ -based ceramics with $\text{Bi}(\text{Mg}_{1/2}\text{Sn}_{1/2})\text{O}_3$ modification showing improved energy storage properties and pulsed discharging performances. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 819, 153004	5.7	37
107	Structural dependence of microwave dielectric properties of spinel structured $\text{Mg}_2(\text{Ti}_{1-x}\text{Sn}_x)\text{O}_4$ solid solutions: Crystal structure refinement, Raman spectra study and complex chemical bond theory. <i>Ceramics International</i> , <b>2019</b> , 45, 11639-11647	5.1	35
106	Crystal structure, Raman spectroscopy and microwave dielectric properties of $\text{Ba}_{3.75}\text{Nd}_{9.5}\text{Ti}_{18}(\text{Al}_{1/2}\text{Nb}_{1/2})\text{O}_{54}$ ceramics. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 723, 580-588	5.7	34
105	Intrinsic dielectric properties of columbite $\text{ZnNb}_2\text{O}_6$ ceramics studied by $\text{PM}$ bond theory and Infrared spectroscopy. <i>Journal of the American Ceramic Society</i> , <b>2019</b> , 102, 5365-5374	3.8	32
104	Phase evolution, structure and microwave dielectric properties of $\text{Li}_2+\text{Mg}_3\text{SnO}_6$ ( $x = 0.000-1.2$ ) ceramics. <i>Ceramics International</i> , <b>2017</b> , 43, 13645-13652	5.1	31
103	Microstructure and microwave dielectric properties of $\text{Na}_{1/2}\text{Sm}_{1/2}\text{TiO}_3$ filled PTFE, an environmental friendly composites. <i>Applied Surface Science</i> , <b>2018</b> , 436, 900-906	6.7	28
102	Effect of $\text{Ca/Si}$ ratio on the microstructures and properties of $\text{CaO} \cdot 2\text{O}_3 \cdot 3\text{Bi}_2\text{O}_3$ glass-ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2009</b> , 20, 262-266	2.1	27
101	Structure, dielectric and relaxor properties of $\text{Sr}_{0.7}\text{Bi}_{0.2}\text{TiO}_3\text{K}_{0.5}\text{Bi}_{0.5}\text{TiO}_3$ lead-free ceramics for energy storage applications. <i>Journal of Materiomics</i> , <b>2021</b> , 7, 195-207	6.7	27
100	Structural evolution and microwave dielectric properties of a novel $\text{Li}_3\text{Mg}_{2-x}/3\text{Nb}_{1-x}/3\text{Ti}_x\text{O}_6$ system with a rock salt structure. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 3113-3125	6.8	27
99	Usage of $\text{PM}$ bond theory in studying the structural/property regulation of microwave dielectric ceramics: a review. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 4711-4753	6.8	26
98	Structure, bond characteristics and Raman spectra of $\text{CaMg}_{1-x}\text{Mn}_x\text{Si}_2\text{O}_6$ microwave dielectric ceramics. <i>Ceramics International</i> , <b>2019</b> , 45, 14160-14166	5.1	25

97	Influence of Li-B-Si Additions on the Sintering and Microwave Dielectric Properties of Ba-Nd-Ti Ceramics. <i>Journal of Electronic Materials</i> , <b>2013</b> , 42, 3519-3523	1.9	25
96	Preparation of BaTiO <sub>3</sub> -based ceramics by nanocomposite doping process. <i>Journal of Materials Science</i> , <b>2007</b> , 42, 2090-2096	4.3	24
95	Correlation between structures and microwave dielectric properties of Ba <sub>3.75</sub> Nd <sub>9.5</sub> -SmTi <sub>17.5</sub> (Cr <sub>1/2</sub> Nb <sub>1/2</sub> ) <sub>0.5</sub> O <sub>54</sub> ceramics. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 740, 492-499	5.7	23
94	Low Temperature Sintering Kinetics and Microwave Dielectric Properties of BaTi <sub>5</sub> O <sub>11</sub> Ceramic. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 10606-10613	8.3	22
93	Effects of Li <sub>2</sub> O-B <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> glass on the low-temperature sintering of Zn <sub>0.15</sub> Nb <sub>0.3</sub> Ti <sub>0.55</sub> O <sub>2</sub> ceramics. <i>Ceramics International</i> , <b>2018</b> , 44, 8072-8080	5.1	21
92	Vibrational spectroscopic and crystal chemical analyses of double perovskite Y <sub>2</sub> MgTiO <sub>6</sub> microwave dielectric ceramics. <i>Journal of the American Ceramic Society</i> , <b>2020</b> , 103, 1121-1130	3.8	20
91	Effects of (Cr <sub>0.5</sub> Ta <sub>0.5</sub> ) <sub>4+</sub> on structure and microwave dielectric properties of Ca <sub>0.61</sub> Nd <sub>0.26</sub> TiO <sub>3</sub> ceramics. <i>Ceramics International</i> , <b>2018</b> , 44, 7771-7779	5.1	19
90	Low-temperature sintering mechanism and microwave dielectric properties of ZnAl <sub>2</sub> O <sub>4</sub> -LMZBS composites. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 797, 744-753	5.7	18
89	Effect of CaO content on structure and properties of low temperature co-fired glass/ceramic in the Li <sub>2</sub> O-Al <sub>2</sub> O <sub>3</sub> -Bi <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> system. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 2455-2459	2.1	18
88	Gd <sub>2</sub> Zr <sub>3</sub> (MoO <sub>4</sub> ) <sub>9</sub> microwave dielectric ceramics with trigonal structure for LTCC application. <i>Journal of the American Ceramic Society</i> , <b>2020</b> , 103, 1131-1139	3.8	18
87	A new low-firing and high-Q microwave dielectric ceramic Li <sub>9</sub> Zr <sub>3</sub> NbO <sub>13</sub> . <i>Journal of the American Ceramic Society</i> , <b>2018</b> , 101, 2202-2207	3.8	17
86	Aliovalent Doping Engineering for A- and B-Sites with Multiple Regulatory Mechanisms: A Strategy to Improve Energy Storage Properties of SrBiTiO-Based Lead-Free Relaxor Ferroelectric Ceramics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 24833-24855	9.5	16
85	Relationships between Sn substitution for Ti and microwave dielectric properties of Mg <sub>2</sub> (Ti <sub>1-x</sub> Sn <sub>x</sub> )O <sub>4</sub> ceramics system. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 571-577	2.1	15
84	Effects of MgO on properties of Li <sub>2</sub> O-Al <sub>2</sub> O <sub>3</sub> -Bi <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> glass/ceramics for LTCC applications. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2014</b> , 25, 2149-2154	2.1	15
83	Effects of perfluorooctyltriethoxysilane coupling agent on the properties of silica filled PTFE composites. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 8810-8817	2.1	15
82	Structural and dielectric relaxor properties of (1-x)BaTiO <sub>3</sub> -xBi(Zn <sub>1/2</sub> Zr <sub>1/2</sub> )O <sub>3</sub> ceramics for energy storage applications. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 2772-2782	2.1	15
81	Thermal and dielectric properties of the LTCC composites based on the eutectic system BaO-Al <sub>2</sub> O <sub>3</sub> -Bi <sub>2</sub> O <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> . <i>Journal of Materials Science: Materials in Electronics</i> , <b>2011</b> , 22, 238-243	2.1	14
80	Structure stability, bond characteristics and microwave dielectric properties of co-substituted NdNbO <sub>4</sub> ceramics. <i>Ceramics International</i> , <b>2019</b> , 45, 3620-3626	5.1	14

79	EFFECTS OF ELECTRODEPOSITION CONDITIONS ON THE MICROSTRUCTURES OF ZNO THIN FILMS. <i>Integrated Ferroelectrics</i> , <b>2007</b> , 88, 33-43	0.8	13
78	The effect of doping process on microstructure and dielectric properties of BaTiO <sub>3</sub> -based X7R materials. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2004</b> , 15, 601-606	2.1	13
77	Microwave dielectric properties of (1-x)Ba <sub>3.75</sub> Nd <sub>9.5</sub> Cr <sub>0.25</sub> Nb <sub>0.25</sub> Ti <sub>17.5</sub> O <sub>54</sub> NdAlO <sub>3</sub> ceramics. <i>Journal of the American Ceramic Society</i> , <b>2017</b> , 100, 4058-4065	3.8	12
76	Influence of 3d-elements on dielectric properties of BaTiO <sub>3</sub> ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2005</b> , 16, 669-672	2.1	12
75	The latest process and challenges of microwave dielectric ceramics based on pseudo phase diagrams. <i>Journal of Advanced Ceramics</i> , <b>2021</b> , 10, 885-932	10.7	12
74	Investigations of dielectric properties of wolframite A <sub>0.5</sub> Zr <sub>0.5</sub> NbO <sub>4</sub> ceramics by bond theory and far-infrared spectroscopy. <i>Ceramics International</i> , <b>2020</b> , 46, 3688-3694	5.1	12
73	Crystal structure, microwave dielectric properties and low temperature sintering of (Al <sub>0.5</sub> Nb <sub>0.5</sub> ) <sup>4+</sup> co-substitution for Ti <sup>4+</sup> of LiNb <sub>0.6</sub> Ti <sub>0.5</sub> O <sub>3</sub> ceramics. <i>Ceramics International</i> , <b>2019</b> , 45, 5418-5424	5.1	11
72	Effects of ZrO <sub>2</sub> substitution on crystal structure and microwave dielectric properties of Zn <sub>0.15</sub> Nb <sub>0.3</sub> (Ti <sub>1-x</sub> Zr) <sub>0.55</sub> O <sub>2</sub> ceramics. <i>Ceramics International</i> , <b>2018</b> , 44, 22710-22717	5.1	11
71	Enhanced thermal and mechanical properties of LiAlSi composites with K <sub>2</sub> O/B <sub>2</sub> O <sub>3</sub> /SiO <sub>2</sub> glass for LTCC application. <i>Ceramics International</i> , <b>2019</b> , 45, 15654-15659	5.1	10
70	Microstructure and properties of ZnO doped CaO/Al <sub>2</sub> O <sub>3</sub> /SiO <sub>2</sub> ceramic for LTCC applications. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 1512-1517	2.1	10
69	The effect of Mn addition on phase development, microstructure and microwave dielectric properties of ZrTi <sub>2</sub> O <sub>6</sub> /nNb <sub>2</sub> O <sub>6</sub> ceramics. <i>Materials Letters</i> , <b>2012</b> , 80, 124-126	3.3	10
68	Influence of sintering atmosphere on the microstructure and electrical properties of BaTiO <sub>3</sub> -based X8R materials. <i>Journal of Materials Science</i> , <b>2006</b> , 41, 1813-1817	4.3	10
67	Relaxor Nature and Energy Storage Properties of Sr <sub>2</sub> MxNaNb <sub>5</sub> Ti <sub>x</sub> O <sub>15</sub> (M = La <sup>3+</sup> and Ho <sup>3+</sup> ) Tungsten Bronze Ceramics. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 17527-17539	8.3	10
66	Dependence of microwave dielectric properties on site substitution in Ba <sub>3.75</sub> Nd <sub>9.5</sub> Ti <sub>18</sub> O <sub>54</sub> ceramic. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 10951-10957	2.1	10
65	Effect of sintering temperature on the crystallization behavior and properties of silica filled PTFE composites. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 13288-13293	2.1	10
64	Synthesis and study of lithium silicate glass-ceramic. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 15405-15410	2.1	9
63	Influence of Al <sub>2</sub> O <sub>3</sub> /SiO <sub>2</sub> ratio on the microstructure and properties of low temperature co-fired CaO/Al <sub>2</sub> O <sub>3</sub> /SiO <sub>2</sub> based ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2014</b> , 25, 4206-4211	2.1	9
62	Microstructures and dielectric properties of Y/Zn codoped BaTiO <sub>3</sub> ceramics. <i>Journal of Materials Science</i> , <b>2007</b> , 42, 5223-5228	4.3	9

61	Phase transitions and electrical properties in La <sup>3+</sup> -substituted Bi <sub>0.5</sub> (Na <sub>0.75</sub> K <sub>0.15</sub> Li <sub>0.10</sub> ) <sub>0.5</sub> TiO <sub>3</sub> ceramics. <i>Journal of Materials Science</i> , <b>2006</b> , 41, 565-567	4.3	9
60	Synthesis of CaAl <sub>2</sub> xB <sub>2</sub> O <sub>4+3x</sub> : Novel microwave dielectric ceramics with low permittivity and low loss. <i>Journal of the European Ceramic Society</i> , <b>2021</b> , 41, 2596-2601	6	9
59	Stabilizing temperature-capacitance dependence of (Sr, Pb, Bi)TiO <sub>3</sub> -Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> solutions for energy storage. <i>Journal of the American Ceramic Society</i> , <b>2019</b> , 102, 4029-4037	3.8	9
58	Influence of SiO <sub>2</sub> Addition on Properties of PTFE/TiO <sub>2</sub> Microwave Composites. <i>Journal of Electronic Materials</i> , <b>2018</b> , 47, 633-640	1.9	8
57	Preparation and properties of low temperature sintered CaO-B <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> microwave dielectric ceramics using the solid-state reaction. <i>Materials Science-Poland</i> , <b>2013</b> , 31, 404-409	0.6	8
56	Low temperature preparation of the Zn <sub>2</sub> SiO <sub>4</sub> ceramics with the addition of BaO and B <sub>2</sub> O <sub>3</sub> . <i>Journal of Materials Science: Materials in Electronics</i> , <b>2011</b> , 22, 1274-1281	2.1	8
55	Microwave Dielectric Properties of Aluminum-Substituted Ba <sub>6</sub> xNd <sub>8+2x</sub> Ti <sub>18</sub> O <sub>54</sub> Ceramics. <i>International Journal of Applied Ceramic Technology</i> , <b>2016</b> , 13, 564-568	2	8
54	Effect of Zn <sup>2+</sup> substitution for Mg <sup>2+</sup> in Li <sub>3</sub> Mg <sub>2</sub> SbO <sub>6</sub> and the impact on the bond characteristics and microwave dielectric properties. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 832, 155043	5.7	7
53	Microwave dielectric properties of Li <sub>2</sub> O-xMgO-xNb <sub>2</sub> O <sub>3</sub> -ySiO <sub>2</sub> glass-ceramics (x = 30-50 wt.%). <i>Journal of the Ceramic Society of Japan</i> , <b>2018</b> , 126, 163-169	1	7
52	Microstructures and Microwave Dielectric Properties of Na <sub>0.5</sub> Nd <sub>0.2</sub> Sm <sub>0.3</sub> Ti <sub>1-x</sub> Sn <sub>x</sub> O <sub>3</sub> Ceramics (x = 0.00 to 0.50). <i>Journal of Electronic Materials</i> , <b>2015</b> , 44, 4236-4242	1.9	7
51	Preparation, characterization and properties of FEP modified PTFE/glass fiber composites for microwave circuit application. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 6015-6021	2.1	6
50	Low-firing, temperature stable and improved microwave dielectric properties of ZnO-TiO <sub>2</sub> Nb <sub>2</sub> O <sub>5</sub> composite ceramics. <i>Journal of Materiomics</i> , <b>2019</b> , 5, 471-479	6.7	6
49	Bond characteristics, vibrational spectrum and optimized microwave dielectric properties of chemically substituted NdNbO <sub>4</sub> . <i>Ceramics International</i> , <b>2019</b> , 45, 16940-16947	5.1	6
48	The size-effect of Al <sub>2</sub> O <sub>3</sub> on the sinterability, microstructure and properties of glass-alumina composites. <i>Glass Physics and Chemistry</i> , <b>2015</b> , 41, 503-508	0.7	6
47	Effects of Zr-Substitution on Microwave Dielectric Properties of Na <sub>0.5</sub> Nd <sub>0.2</sub> Sm <sub>0.3</sub> Ti <sub>1-x</sub> Zr <sub>x</sub> O <sub>3</sub> Ceramics (x = 0.00 ~ 0.30). <i>Journal of Electronic Materials</i> , <b>2016</b> , 45, 5198-5205	1.9	6
46	Low-fire processing and microwave dielectric properties of LB glass-doped Ba <sub>3.75</sub> Nd <sub>9.5</sub> Ti <sub>17.5</sub> (Cr <sub>0.5</sub> Nb <sub>0.5</sub> ) <sub>0.5</sub> O <sub>54</sub> ceramic. <i>Journal of the American Ceramic Society</i> , <b>2021</b> , 104, 1726-1739	3.8	6
45	Different Additives Doped Ca-Nd-Ti Microwave Dielectric Ceramics with Distorted Oxygen Octahedrons and High Q Value. <i>ACS Omega</i> , <b>2018</b> , 3, 11033-11040	3.9	6
44	FABRICATION OF PZT THIN FILMS WITH TiO <sub>x</sub> BUFFER LAYERS BY RF MAGNETRON SPUTTERING. <i>Integrated Ferroelectrics</i> , <b>2006</b> , 80, 281-288	0.8	5

43	Domain Structure and Fatigue Behavior of La <sup>3+</sup> -Doped SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> Thin Films. <i>Journal of the American Ceramic Society</i> , <b>2004</b> , 88, 85-88	3.8	5
42	Excellent thermal stability and energy storage properties of lead-free Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> -based ceramic. <i>Journal of the American Ceramic Society</i> ,	3.8	5
41	Effects of (Na <sub>1/2</sub> Nd <sub>1/2</sub> )TiO <sub>3</sub> on the microstructure and microwave dielectric properties of PTFE/ceramic composites. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 20680-20687	2.1	5
40	Structure, phase composition, Raman spectra, and microwave dielectric properties of novel Co <sub>0.5</sub> Zr <sub>0.5</sub> TaO <sub>4</sub> ceramics. <i>Ceramics International</i> , <b>2019</b> , 45, 15445-15450	5.1	4
39	Fabrication and properties of Li <sub>2</sub> O-Al <sub>2</sub> O <sub>3</sub> -Bi <sub>2</sub> O <sub>3</sub> glass/Al <sub>2</sub> O <sub>3</sub> composites for low temperature co-fired ceramic applications. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 1789-1794	2.1	4
38	Sintering characteristic and microwave dielectric properties of 0.45Ca <sub>0.6</sub> Nd <sub>0.267</sub> TiO <sub>3</sub> ·0.55Li <sub>0.5</sub> Nd <sub>0.5</sub> TiO <sub>3</sub> ceramics with La <sub>2</sub> O <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> -ZnO additive. <i>Applied Physics A: Materials Science and Processing</i> , <b>2018</b> , 124, 1	2.6	4
37	Influence of CaTiO <sub>3</sub> doping on the microwave dielectric properties of Li <sub>2</sub> MgTiO <sub>4</sub> ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 643-649	2.1	4
36	Crystallization, microstructures and properties of low temperature co-fired CaO-Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> glass-ceramic. <i>Journal of Electroceramics</i> , <b>2016</b> , 37, 145-150	1.5	4
35	Study on the physics and dielectric property of Al <sub>2</sub> O <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> -Bi <sub>2</sub> O <sub>3</sub> /Al <sub>2</sub> O <sub>3</sub> glass + ceramic. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 12654-12659	2.1	4
34	Research on hydrophobicity treatment of aluminum nitride powder and the fabrication and characterization of AlN/PTFE composite substrates. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 14890-14896	2.1	4
33	Newly developed polytetrafluoroethylene composites based on F8261-modified Li <sub>2</sub> Mg <sub>2.88</sub> Ca <sub>0.12</sub> TiO <sub>6</sub> powder. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 803, 145-152	5.7	4
32	Preparation of the LTCC composite ceramics with low permittivity. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2011</b> , 22, 453-457	2.1	4
31	Dielectric and piezoelectric properties of (0.97-x) Bi <sub>1/2</sub> Na <sub>1/2</sub> TiO <sub>3</sub> -xBi <sub>1/2</sub> K <sub>1/2</sub> TiO <sub>3</sub> -0.03NaNbO <sub>3</sub> ceramics. <i>Journal of Materials Science</i> , <b>2006</b> , 41, 3561-3567	4.3	4
30	Improved Microwave Dielectric Properties of LiNb <sub>0.6</sub> Ti <sub>0.5</sub> O <sub>3</sub> Ceramics with Zr Substitutions. <i>Journal of Electronic Materials</i> , <b>2019</b> , 48, 5080-5087	1.9	3
29	Sintering behavior and microwave dielectric properties of TiO <sub>2</sub> added Ba <sub>4</sub> (Sm <sub>0.5</sub> Nd <sub>0.5</sub> ) <sub>28</sub> /3Ti <sub>18</sub> O <sub>54</sub> ceramics with K <sub>2</sub> O-B <sub>2</sub> O <sub>3</sub> -Bi <sub>2</sub> O <sub>3</sub> glass. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 2783-2788	2.1	3
28	Structure and microwave dielectric properties of Zn <sub>0.9</sub> Mg <sub>0.1</sub> TiO <sub>3</sub> ·n <sub>0.15</sub> Nb <sub>0.3</sub> Ti <sub>0.55</sub> O <sub>2</sub> ceramics with ZnO-B <sub>2</sub> O <sub>3</sub> -Bi <sub>2</sub> O <sub>3</sub> glass. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 11901-11909	2.1	3
27	Impacts of Al <sub>2</sub> O <sub>3</sub> Doping on Microstructure, Phase Constitution and Microwave Dielectric Properties of Ca <sub>0.61</sub> Nd <sub>0.26</sub> TiO <sub>3</sub> Ceramics. <i>Transactions of the Indian Ceramic Society</i> , <b>2017</b> , 76, 97-101	1.8	3
26	The Study of Ferroelectric La-Doped PbTiO <sub>3</sub> Thin Films Prepared by RF Magnetron Sputtering. <i>Integrated Ferroelectrics</i> , <b>2003</b> , 52, 223-228	0.8	3

25	Influence of Li <sub>2</sub> O-MgO-Nb <sub>2</sub> O <sub>3</sub> -Bi <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> glass doping on the microwave dielectric properties and sintering temperature of Li <sub>3</sub> Mg <sub>2</sub> NbO <sub>6</sub> ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2020</b> , 31, 17029-17035	2.1	3
24	Influence of Mg <sub>2</sub> SiO <sub>4</sub> addition on crystal structure and microwave properties of Mg <sub>2</sub> Al <sub>4</sub> Si <sub>5</sub> O <sub>18</sub> ceramic system. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 17967-17973	2.1	3
23	Effects of Y <sub>2</sub> O <sub>3</sub> substitution on microwave dielectric properties of Ba <sub>0.6</sub> Zn <sub>0.38</sub> ) <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 7683-7689	2.1	2
22	A new niobate-based CaO-CuO-Nb <sub>2</sub> O <sub>5</sub> microwave dielectric ceramic composite for LTCC applications. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 4533-4537	2.1	2
21	A Temperature-Insensitive Ba <sub>3.75</sub> Nd <sub>9.5</sub> Ti <sub>17.5</sub> (Cr <sub>0.5</sub> Nb <sub>0.5</sub> ) <sub>0.5</sub> O <sub>54</sub> Microwave Dielectric Ceramic by Bi <sup>3+</sup> Substitution. <i>Journal of Electronic Materials</i> , <b>2017</b> , 46, 1230-1234	1.9	2
20	Investigation of the crystal structure and electrical properties of La <sup>3+</sup> -doped SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2003</b> , 14, 229-231	2.1	2
19	Novel lead-free (1-x)Sr <sub>0.7</sub> Bi <sub>0.2</sub> Ti <sub>0.3</sub> -xLa(Mg <sub>0.5</sub> Zr <sub>0.5</sub> )O <sub>3</sub> energy storage ceramics with high charge-discharge and excellent temperature-stable dielectric properties. <i>Ceramics International</i> , <b>2021</b> , 47, 26215-26223	5.1	2
18	Properties and crystallization kinetics of low temperature co-fired Li <sub>2</sub> O-Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> electroceramics. <i>Journal of Electroceramics</i> , <b>2018</b> , 40, 316-322	1.5	1
17	Effect of SrTiO <sub>3</sub> on the properties of CBS glasses/Al <sub>2</sub> O <sub>3</sub> ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 6592-6597	2.1	1
16	Effects of complex dopants on the microstructure and dielectric properties of BCTZ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2005</b> , 16, 257-261	2.1	1
15	Low-temperature sintering kinetics and dielectric properties of Ba <sub>5</sub> Nb <sub>4</sub> O <sub>15</sub> with B <sub>2</sub> O <sub>3</sub> -Bi <sub>2</sub> O <sub>3</sub> glass. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2021</b> , 32, 8716-8724	2.1	1
14	Improvement of microwave dielectric characteristics in SrNdAlO <sub>4</sub> ceramics by La-substitution. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 11634-11639	2.1	1
13	Investigation of Low-Temperature Sintering Mechanism on BaO-Nd <sub>2</sub> O <sub>3</sub> -TiO <sub>2</sub> Dielectric Ceramics with Li <sub>2</sub> O-B <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> and BaO-ZnO-B <sub>2</sub> O <sub>3</sub> Glasses. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2018</b> , 215, 1700938	1.6	1
12	Thermal and microwave dielectric properties of LiBi-based ceramics. <i>Ceramics International</i> , <b>2021</b> , 47, 17693-17701	5.1	0
11	Densification and microwave properties of low-temperature co-fired CaO-B <sub>2</sub> O <sub>3</sub> -Bi <sub>2</sub> O <sub>3</sub> glass-ceramic with La-Bi additions. <i>International Journal of Materials Research</i> , <b>2013</b> , 104, 606-608	0.5	
10	CONTRIBUTION OF DOMAIN MOTION TO THE DIELECTRIC PROPERTIES OF FERROELECTRIC THIN FILMS. <i>Integrated Ferroelectrics</i> , <b>2006</b> , 78, 127-133	0.8	
9	EFFECTS OF PZT BUFFER LAYERS ON PZFN <sub>T</sub> FERROELECTRIC THIN FILMS. <i>Integrated Ferroelectrics</i> , <b>2006</b> , 80, 219-225	0.8	
8	ROOM TEMPERATURE IMPRINT BEHAVIOR OF THE Pb(Zr,Ti)O <sub>3</sub> THIN FILMS. <i>Integrated Ferroelectrics</i> , <b>2005</b> , 75, 181-187	0.8	

- 7 MODELING AND SIMULATION OF SAW FILTER. *Integrated Ferroelectrics*, **2006**, 78, 9-18 0.8
- 6 RESEARCH OF THE FATIGUE MODEL OF PZT FERROELECTRIC THIN FILMS. *Integrated Ferroelectrics*, **2006**, 78, 3-8 0.8
- 5 Growth mechanism and characteristics of Pb(Zr<sub>0.52</sub>Ti<sub>0.48</sub>)O<sub>3</sub> films prepared with alternate deposition of PbZrO<sub>3</sub> and PbTiO<sub>3</sub> layers. *Journal of Materials Science*, **2004**, 39, 1485-1487 4.3
- 4 SrBi<sub>2</sub>Ta<sub>2</sub>O<sub>9</sub> thin films fabricated by alternate deposition of SrTa<sub>2</sub>O<sub>6</sub> and Bi<sub>2</sub>O<sub>3</sub> layers. *Journal of Materials Science*, **2004**, 39, 3853-3855 4.3
- 3 CONTRIBUTION OF DOMAIN MOTION TO THE DIELECTRIC PROPERTIES OF FERROELECTRIC THIN FILMS. *Integrated Ferroelectrics*, **2005**, 73, 17-23 0.8
- 2 Tailoring sintering kinetics and dielectric properties of Li<sub>2</sub>SiO<sub>3</sub> ceramics by CaO-B<sub>2</sub>O<sub>3</sub>-Bi<sub>2</sub>O<sub>3</sub> glass dopant for LTCC substrate applications. *Journal of Materials Science: Materials in Electronics*, 1 2.1
- 1 Complex (Mg<sub>1/3</sub>Ta<sub>2/3</sub>)<sup>4+</sup> ionic substitution on the phase structure and microwave dielectric properties of wolframite MgZr<sub>1-x</sub>(Mg<sub>1/3</sub>Ta<sub>2/3</sub>)<sub>x</sub>Nb<sub>2</sub>O<sub>8</sub> (0 ≤ x ≤ 0.08) ceramics. *Journal of Materials Science: Materials in Electronics*, 1 2.1