Chunchun Li

List of Publications by Year
in descending order

138 papers	4,146 citations	159358 30 h-index	133063 59 g-index
140 all docs	140 docs citations	140 times ranked	2409 citing authors

#	Article	IF	Citations
1	Ultrahigh piezoelectricity in ferroelectric ceramics by design. Nature Materials, 2018, 17, 349-354.	13.3	874
2	Relaxor Ferroelectric BaTiO₃â€“Bi(Mg_{2/3}Nb_{1/3})O₃ Ceramics for Energy Storage Application. Journal of the American Ceramic Society, 2015, 98, 559-566.	1.9	439
3	Dielectric relaxation and Maxwell-Wagner interface polarization in Nb2O5 doped 0.65BiFeO3â€“0.35BaTiO3 ceramics. Journal of Applied Physics, 2017, 121, .	1.1	175
4	Li2AGeO4 (A = Zn, Mg): Two novel low-permittivity microwave dielectric ceramics with olivine structure. Journal of the European Ceramic Society, 2018, 38, 1524-1528.	2.8	124
5	Ultralow Loss CaMgGeO₄ Microwave Dielectric Ceramic and Its Chemical Compatibility with Silver Electrodes for Low-Temperature Cofired Ceramic Applications. ACS Sustainable Chemistry and Engineering, 2018, 6, 6458-6466.	3.2	109
6	A low-firing melilite ceramic Ba2CuGe2O7 and compositional modulation on microwave dielectric properties through Mg substitution. Journal of Advanced Ceramics, 2021, 10, 108-119.	8.9	89
7	A novel low-firing microwave dielectric ceramic Li 2 ZnGe 3 O 8 with cubic spinel structure. Journal of the European Ceramic Society, 2017, 37, 625-629.	2.8	88
8	Evolution of the structure, dielectric and ferroelectric properties of Na0.5Bi0.5TiO3-added BaTiO3â€“Bi(Mg2/3Nb1/3)O3 ceramics. Ceramics International, 2020, 46, 25392-25398.	2.3	74
9	Atomic-scale origin of ultrahigh piezoelectricity in samarium-doped PMN-PT ceramics. Physical Review B, 2020, 101, .	1.1	69
10	Two novel ultralow temperature firing microwave dielectric ceramics LiMVO6 (M = Mo, W) and their chemical compatibility with metal electrodes. Journal of the European Ceramic Society, 2017, 37, 3959-3963.	2.8	64
11	NaCa4V5O17: A low-firing microwave dielectric ceramic with low permittivity and chemical compatibility with silver for LTCC applications. Journal of the European Ceramic Society, 2020, 40, 386-390.	2.8	64
12	A-site compositional modulation in barium titanate based relaxor ceramics to achieve simultaneously high energy density and efficiency. Journal of the European Ceramic Society, 2021, 41, 6474-6481.	2.8	60
13	Li 4 WO 5 : A temperature stable low-firing microwave dielectric ceramic with rock salt structure. Journal of the European Ceramic Society, 2016, 36, 243-246.	2.8	58
14	Crystal structure and dielectric properties of germanate melilites Ba2MGe2O7 (Mâ€¯=â€¯Mg and Zn) with low permittivity. Journal of the European Ceramic Society, 2018, 38, 5246-5251.	2.8	54
15	Microwave dielectric properties and infrared reflectivity spectra analysis of two novel low-firing AgCa2B2V3O12 (Bâ€¯=â€¯Mg, Zn) ceramics with garnet structure. Journal of the European Ceramic Society, 2018, 38, 4670-4676.	2.8	53
16	Structure, microwave dielectric properties, and infrared reflectivity spectrum of olivine type Ca2GeO4 ceramic. Journal of the European Ceramic Society, 2019, 39, 2354-2359.	2.8	53
17	Effects of Sr2+ substitution on the crystal structure, Raman spectra, bond valence and microwave dielectric properties of Ba3-xSrx(VO4)2 solid solutions. Journal of the European Ceramic Society, 2019, 39, 3738-3743.	2.8	52
18	Influence of filler characteristics on the performance of dental composites: A comprehensive review. Ceramics International, 2022, 48, 27280-27294.	2.3	49

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19	Enhancement of the cation order and the microwave dielectric properties of Li2ZnTi3O8 through composition modulation. Journal of the European Ceramic Society, 2019, 39, 3064-3069.	2.8	44
20	Structural, infrared reflectivity spectra and microwave dielectric properties of the Li7Ti3O9F ceramic. Ceramics International, 2019, 45, 10163-10169.	2.3	44
21	Factors affecting the piezoelectric performance of ceramic-polymer composites: A comprehensive review. Ceramics International, 2021, 47, 17813-17825.	2.3	42
22	Compositional modulation in ZnGa2O4 via Zn2+/Ge4+ co-doping to simultaneously lower sintering temperature and improve microwave dielectric properties. Journal of Advanced Ceramics, 2021, 10, 1360-1370.	8.9	42
23	Lowâ€firing and temperature stable microwave dielectric ceramics: Ba₂LnV₃O₁₁ (LnÂ=ÂNd, Sm). Journal of the American Ceramic Society, 2018, 101, 773-781.	1.9	36
24	Low-firing and microwave dielectric properties of Na 2 YMg 2 V 3 O 12 ceramic. Ceramics International, 2016, 42, 3701-3705.	2.3	35
25	Ba₄LiNb_{3â^'<i>x</i>}Ta_{<i>x</i>}O₁₂ (<i>x</i>=0â€"3): A Series of Highâ€Q Microwave Dielectrics from the Twinned 8H Hexagonal Perovskites. Journal of the American Ceramic Society, 2010, 93, 1229-1231.	1.9	34
26	Ultralow-Temperature Synthesis and Densification of Ag₂CaV₄O₁₂ with Improved Microwave Dielectric Performances. ACS Sustainable Chemistry and Engineering, 2021, 9, 14461-14469.	3.2	34
27	A Novel Temperature Stable Microwave Dielectric Ceramic with Garnet Structure: Sr₂NaMg₂V₃O₁₂. Journal of the American Ceramic Society, 2016, 99, 399-401.	1.9	32
28	Microwave dielectric properties of temperature stable Li2ZnxCo1â^'xTi3O8 ceramics. Journal of Alloys and Compounds, 2011, 509, 8840-8844.	2.8	31
29	Lowâ€temperature sintering and thermal stability of Li₂GeO₃â€based microwave dielectric ceramics with low permittivity. Journal of the American Ceramic Society, 2018, 101, 4608-4614.	1.9	31
30	Two novel low-firing germanates Li 2 MGe 3 O 8 (M = Ni, Co) microwave dielectric ceramics with spinel structure. Ceramics International, 2017, 43, 1622-1627.	2.3	30
31	Effects of BaCu(B₂O₅) Addition on Phase Transition, Sintering Temperature, and Microwave Properties of Ba₄LiNb₃O₁₂ Ceramics. Journal of the American Ceramic Society, 2011, 94, 524-528.	1.9	28
32	Structure and Microwave dielectric properties of a novel temperature stable low-firing Ba 2 LaV 3 O 11 ceramic. Journal of the European Ceramic Society, 2016, 36, 2143-2148.	2.8	28
33	LiYGeO4: Novel low-permittivity microwave dielectric ceramics with intrinsic low sintering temperature. Materials Letters, 2018, 228, 96-99.	1.3	28
34	BaTa2V2O11: A novel low fired microwave dielectric ceramic. Journal of the European Ceramic Society, 2015, 35, 3765-3770.	2.8	27
35	Microwave dielectric properties of novel glass-free low temperature firing ACa 2 Mg 2 V 3 O 12 (A=Li,) Tj ETQq1 1 0.784314 rgBT /Ov	2.3	27
36	A reduced sintering temperature and improvement in the microwave dielectric properties of Li2Mg3TiO6 through Ge substitution. Ceramics International, 2018, 44, 5817-5821.	2.3	27

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37	SrV2O6: An ultralow-firing microwave dielectric ceramic for LTCC applications. Materials Research Bulletin, 2018, 100, 377-381.	2.7	26
38	Two novel low permittivity microwave dielectric ceramics Li2TiMO5 (M = Ge, Si) with abnormally positive Ï„. Journal of the European Ceramic Society, 2019, 39, 2680-2684.	2.8	26
39	Low temperature firing and microwave dielectric properties of BaCaV2O7 ceramics. Ceramics International, 2015, 41, 5172-5176.	2.3	24
40	Microwave Dielectric Properties of a Lowâ€Firing Ba₂BiV₃O₁₁ Ceramic. Journal of the American Ceramic Society, 2015, 98, 683-686.	1.9	24
41	Ultra-Low Loss Microwave Dielectric Ceramic Li2Mg2TiO5 and Low-Temperature Firing Via B2O3 Addition. Journal of Electronic Materials, 2018, 47, 6383-6389.	1.0	22
42	Crystal structure, Raman spectroscopy and microwave dielectric properties of Li1+xZnNbO4 (0â€¯â‰â€¯xâ€¯â‰â€¯0.05) ceramics. Journal of Alloys and Compounds, 2019, 777, 1-7.	2.8	22
43	Microwave dielectric properties of La3Ti2TaO11 ceramics with perovskite-like layered structure. Journal of the European Ceramic Society, 2012, 32, 4015-4020.	2.8	21
44	Ultralow temperature cofired BiZn₂<scp>VO</scp>₆ dielectric ceramics doped with B₂O₃ and Li₂<scp>CO</scp>₃ for <scp>ULTCC</scp> applications. Journal of the American Ceramic Society, 2019, 102, 1218-1226.	1.9	21
45	Phase formation and microwave dielectric properties of Bi<scp>MVO</scp>₅ (M = Ca, Mg) ceramics potential for low temperature coâ€fired ceramics application. Journal of the American Ceramic Society, 2019, 102, 362-371.	1.9	20
46	Phase evolution, far-infrared spectra, and ultralow loss microwave dielectric ceramic of Zn2Ge1+xO4+2x (âˆ'â€‰0.1â€‰â‰â€‰xâ€‰â‰â€‰0.2). Journal of Materials Science: Materials in Electronics, 2019, 30, 16651-16658.	1.1	19
47	Two low-permittivity melilite ceramics in the SrO-MO-GeO2 (M = Mg, Zn) system and their temperature stability through compositional modifications. Journal of the European Ceramic Society, 2020, 40, 1186-1190.	2.8	19
48	Novel low-Îµr and lightweight LiBO2 microwave dielectric ceramics with good chemical compatibility with silver. Journal of the European Ceramic Society, 2022, 42, 4580-4586.	2.8	19
49	A Novel Lowâ€Firing and Low Loss Microwave Dielectric Ceramic Li₂Mg₂W₂O₉ with Corundum Structure. Journal of the American Ceramic Society, 2015, 98, 3863-3868.	1.9	18
50	Microwave dielectric properties in the Li4+Ti5O12 (0Ââ‰ÂxÂâ‰Â1.2) ceramics. Journal of Alloys and Compounds, 2017, 701, 295-300.	2.8	18
51	Structure, microwave dielectric performance, and infrared reflectivity spectrum of olivineâ€type Mg 2 Ge 0.98 O 4 ceramic. Journal of the American Ceramic Society, 2020, 103, 1789-1797.	1.9	18
52	Tunable microwave dielectric properties in SrOâ€V₂O₅ system through compositional modulation. Journal of the American Ceramic Society, 2020, 103, 2315-2321.	1.9	18
53	Flexible and low cost lead free composites with high dielectric constant. Ceramics International, 2017, 43, 3923-3926.	2.3	17
54	Two novel low-firing Na2AMg2V3O12(A=Nd, Sm) ceramics and their chemical compatibility with silver. Ceramics International, 2017, 43, 2892-2898.	2.3	17

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55	Defect engineering in rareâ€earthâ€doped BaTiO₃ ceramics: Route to highâ€temperature stability of colossal permittivity. Journal of the American Ceramic Society, 2022, 105, 5725-5737.	1.9	17
56	The high piezoelectricity and thermal stability of high-temperature piezoelectric ceramics BiFeO₃â€“0.25BaTiO₃â€“<i>x</i>Bi_{0.5}K_{0.5}TiO₃ near the MPB. Journal of Materials Chemistry C, 2022, 10, 8301-8309.	2.7	17
57	A low-firing Ca 5 Ni 4 (VO 4) 6 ceramic with tunable microwave dielectric properties and chemical compatibility with Ag. Ceramics International, 2016, 42, 15094-15098.	2.3	16
58	Preparation, Crystal Structure and Microwave Dielectric Properties of Rare-Earth Vanadates: ReVO4 (ReÂ=ÂNd, Sm). Journal of Electronic Materials, 2017, 46, 1956-1962.	1.0	16
59	Large flexoelectric response in PMN-PT ceramics through composition design. Applied Physics Letters, 2019, 115, .	1.5	16
60	A novel low-firing microwave dielectric ceramic NaMg4V3O12 and its chemical compatibility with silver electrode. Ceramics International, 2015, 41, 13878-13882.	2.3	15
61	Phase transition, dielectric relaxation and piezoelectric properties of bismuth doped La2Ti2O7 ceramics. Ceramics International, 2016, 42, 11453-11458.	2.3	15
62	Non-linear behavior of flexoelectricity. Applied Physics Letters, 2019, 115, .	1.5	14
63	Synthesis of LiBGeO4 using compositional design and its dielectric behaviors at RF and microwave frequencies. Ceramics International, 2020, 46, 22460-22465.	2.3	14
64	Crystal structure, phonon characteristics, and dielectric properties of CaMgGe2O6: A novel diopside microwave dielectric ceramic. Ceramics International, 2022, 48, 8783-8788.	2.3	14
65	Dielectric relaxation and electrical conductivity in Ca5Nb4TiO17 ceramics. Ceramics International, 2015, 41, 9923-9930.	2.3	13
66	A novel ultra-low temperature cofired Na2BiZn2V3O12 ceramic and its chemical compatibility with metal electrodes. Journal of Materials Science: Materials in Electronics, 2017, 28, 1508-1513.	1.1	13
67	Ba₄Ln₂Fe₂Ta₈O₃₀ (Ln=Pr, Eu): Temperatureâ€Stable Low Loss Dielectrics with a Tungsten Bronze Structure. Journal of the American Ceramic Society, 2010, 93, 945-947.	1.9	12
68	Cu3Mo2O9: An Ultralow-Firing Microwave Dielectric Ceramic with Good Temperature Stability and Chemical Compatibility with Aluminum. Journal of Electronic Materials, 2018, 47, 1003-1008.	1.0	12
69	Revisiting the structural stability and electromechanical properties in lead zinc niobate-lead titanate-barium titanate (PZN-PT-BT) ternary system. Journal of the European Ceramic Society, 2020, 40, 1236-1242.	2.8	12
70	Low-temperature sintering, dielectric performance, and far-IR reflectivity spectrum of a lightweight NaCaVO4 with good chemical compatibility with silver. Ceramics International, 2021, 47, 22219-22224.	2.3	12
71	Compositional modulation and annealing treatment in BaTiO3 to simultaneously achieve colossal permittivity, low dielectric loss, and high thermal stability. Ceramics International, 2021, 47, 33912-33916.	2.3	12
72	Influence of cation order on crystal structure and microwave dielectric properties in xLi4/3Ti5/3O4-(1-x)Mg2TiO4 (0.6 â‰ x â‰ 0.9) spinel solid solutions. Journal of the European Ceramic Society, 2021, 41, 7683-7688.	2.8	12

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73	Dielectric Properties of Ba₄Sm₂Fe₂M₈O₃₀ (M=Nb, Ta) with Tetragonal Bronze Structure. Journal of the American Ceramic Society, 2010, 93, 2430-2433.	1.9	11
74	Microwave dielectric properties of CaOâ€"La2O3â€"Nb2O5â€"TiO2 ceramics. Journal of Materials Science: Materials in Electronics, 2013, 24, 1947-1954.	1.1	11
75	Reduced thermal conductivity by nanoscale intergrowths in perovskite like layered structure La2Ti2O7. Journal of Applied Physics, 2015, 117, .	1.1	11
76	Relaxor behavior and ferroelectric properties of a new Ba 4 SmFe 0.5 Nb 9.5 O 30 tungsten bronze ceramic. Ceramics International, 2016, 42, 14999-15004.	2.3	11
77	Structural, thermal and microwave dielectric properties of the novel microwave material Ba 2 TiGe 2 O 8. Ceramics International, 2018, 44, 10824-10828.	2.3	11
78	Local structural heterogeneity induced large flexoelectricity in Sm-doped PMNâ€"PT ceramics. Journal of Applied Physics, 2021, 129, .	1.1	11
79	High rhombohedral to tetragonal phase transition temperature and electromechanical response in Pb(Yb1/2Nb1/2)O3-Pb(Sc1/2Nb1/2)O3-PbTiO3 ferroelectric system near the morphotropic phase boundary. Journal of the European Ceramic Society, 2019, 39, 2082-2090.	2.8	11
80	Interplay of defect dipole and flexoelectricity in linear dielectrics. Scripta Materialia, 2022, 210, 114427.	2.6	11
81	Phase composition and microwave dielectric properties of low-firing Li2A2W3O12 (AÂ=ÂMg, Zn) ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 5892-5895.	1.1	10
82	High dielectric permittivity and ultralow dielectric loss in Nb-doped SrTiO3 ceramics. Ceramics International, 2022, 48, 28438-28443.	2.3	10
83	Dielectric and ferroelectric properties of tungsten bronze ferroelectrics in SrOâ€"Pr2O3â€"TiO2â€"Nb2O5 system. Materials Chemistry and Physics, 2010, 121, 114-117.	2.0	9
84	Complex impedance analysis on a layered perovskite-like ceramic: La3Ti2TaO11. Journal of Materials Science, 2012, 47, 4200-4204.	1.7	9
85	Low temperature sintering and microwave dielectric properties of Zn3Mo2O9 ceramic. Journal of Materials Science: Materials in Electronics, 2018, 29, 1907-1913.	1.1	9
86	(1-x)Li4WO5-xLiF: A novel oxyfluoride system and their microwave dielectric properties. Journal of Alloys and Compounds, 2020, 835, 155320.	2.8	9
87	Improvements on sintering behavior and microwave dielectric properties of Li4WO5 ceramics through MgO modification. Ceramics International, 2021, 47, 2802-2808.	2.3	9
88	Compositional design, structure stability, and microwave dielectric properties in Ca3MgBGe3O12 (B =) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.3	9
89	Sr_{4â^'<i>m</i>}La<i>_m</i>Ti_{<i>m</i>â^'1}Ta_{4â^'<i>m</i>}O₁₂ (<i>m</i>=1, 2, 3): A Novel Series of A₄B₃O₁₂â€Type Microwave Ceramics with a High <i>Q</i> and Low Ï„_f. Journal of the American Ceramic Society, 2010, 93, 1884-1887.	1.9	8
90	Study on properties of tantalum-doped La₂Ti₂O₇ ferroelectric ceramics. Journal of Advanced Dielectrics, 2015, 05, 1550005.	1.5	8

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91	A novel low-firing BiZn2VO6 microwave dielectric ceramic with low loss. Journal of Materials Science: Materials in Electronics, 2016, 27, 210-214.	1.1	8
92	Structure and microwave dielectric properties of Ba3Nb4-4Ti4+5O21 ceramics with medium-high permittivity. Journal of Alloys and Compounds, 2020, 820, 153159.	2.8	8
93	Two novel A4B3O12-type microwave ceramics with high-Q and near-zero Ï„f. Journal of Materials Research, 2010, 25, 1239-1242.	1.2	7
94	Microwave dielectric properties of temperature stable (1Ââ^'Âx)BaCaV2O7â€"xTiO2 composite ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 9134-9138.	1.1	7
95	Sintering behavior and microwave dielectric properties of LiMVO4 (MÂ=ÂMg, Zn). Journal of Materials Science: Materials in Electronics, 2015, 26, 9117-9121.	1.1	7
96	Temperature stable microwave dielectric ceramics in Li1.33xZn2-2xTi1+0.67xO4 (0.75Â<Âx<Â1) cubic spinels and their chemical compatibility with silver. Journal of Alloys and Compounds, 2017, 722, 1002-1007.	2.8	7
97	Perovskite MAPb(Br1â^'Cl)3 single crystals: Solution growth and electrical properties. Journal of Crystal Growth, 2020, 549, 125869.	0.7	7
98	Principal element design of garnets to access structure stability and excellent microwave dielectric properties. Journal of the American Ceramic Society, 2022, 105, 4805-4814.	1.9	7
99	Ba₄Ln₂Fe₂Nb₈O₃₀(Ln = Eu, Gd) Ferroelectric Ceramics. Ferroelectrics, 2010, 404, 33-38.	0.3	6
100	Characterization and dielectric properties of Sr4M2Ti4Ta6O30 (M=Pr and Eu) ceramics. Journal of Alloys and Compounds, 2010, 500, L9-L11.	2.8	6
101	Characterization and microwave dielectric properties of BiCa2VO6 ceramic. Journal of Materials Science: Materials in Electronics, 2015, 26, 9546-9551.	1.1	6
102	Li2Zn2W2O9: A novel low-temperature sintering microwave dielectric ceramic with corundum structure. Ceramics International, 2016, 42, 5553-5557.	2.3	6
103	Effects of barium substitution on the sintering behavior, dielectric properties of Ca₂Nb₂O₇ ferroelectric ceramics. Journal of Advanced Dielectrics, 2017, 07, 1750013.	1.5	6
104	Preparation, crystal structure, and dielectric characterization of Li₂W₂O₇ ceramic at RF and microwave frequency range. Journal of Advanced Dielectrics, 2017, 07, 1720001.	1.5	6
105	Temperatureâ€stable unfilled tungsten bronze dielectric ceramics: Ba_{3.5}Sm_{1.5}Fe_{0.75}Nb_{9.25}O₃₀. International Journal of Applied Ceramic Technology, 2017, 14, 269-273.	1.1	6
106	Reaction sintering of a rock salt structured Li4WO5 ceramic and its microwave dielectric properties. Journal of Materials Science: Materials in Electronics, 2018, 29, 6397-6402.	1.1	6
107	Dielectric properties of Ln2O3-WO3 ceramics at microwave frequencies. Materials Chemistry and Physics, 2018, 206, 110-115.	2.0	6
108	Low temperature synthesis and dielectric characterisation of La₂Mo₂O₉ ceramic at RF and microwave frequencies. Advances in Applied Ceramics, 2020, 119, 387-392.	0.6	6

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109	Effects of sintering temperature and Ca substitution on microwave dielectric properties of Mg3V2O8. Journal of Materials Science: Materials in Electronics, 2015, 26, 5342-5346.	1.1	5
110	Effects of Zn non-stoichiometry on the phase evolution and microwave dielectric properties of Li2Zn1âˆ'xGe3O8 (0â€‰â‰â€‰xâ€‰â‰â€‰0.2) spinels. Journal of Materials Science: Materials in Electronics, 2017, 28, 15605-15611.	1.1	5
111	Influence of Ti4+ substitution for Ta5+ on the crystal structure, Raman spectra, and microwave dielectric properties of Ba3Ta4-4xTi4+5xO21 ceramics. Ceramics International, 2020, 46, 4197-4203.	2.3	5
112	Phase transformation and ionic conductivity mechanism of a low-temperature sintering semiconductor Na2CaV4O12. Journal of Alloys and Compounds, 2021, 886, 161259.	2.8	5
113	Dielectric and impedance spectroscopy analysis of LiCa₃MgV₃O₁₂ with garnet structure. Materials Research Innovations, 2016, 20, 117-120.	1.0	4
114	Temperature stable microwave dielectric ceramics in LiCa3âˆ'x Sr x MgV3O12 ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 10958-10962.	1.1	4
115	In Situ Printing and Functionalization of Hybrid Polymer-Ceramic Composites Using a Commercial 3D Printer and Dielectrophoresisâ€"A Novel Conceptual Design. Polymers, 2021, 13, 3979.	2.0	4
116	Structure and relaxor ferroelectric behavior of the novel tungsten bronze type ceramic Sr5BiTi3Nb7O30. Journal of Applied Physics, 2022, 131, .	1.1	4
117	INFLUENCE OF n ON STRUCTURE AND MICROWAVE DIELECTRIC PROPERTIES OF SOMEA_nB_{n - 1}O_{3n}PEROVSKITES. Journal of Advanced Dielectrics, 2011, 01, 135-140.	1.5	3
118	Phase transformation and microwave dielectric properties of Ba4LiTa3âˆ'xSbxO12. Ceramics International, 2015, 41, 6653-6656.	2.3	3
119	Sintering Behavior, Microstructure, and Microwave Dielectric Properties of Li4(1+x)WO5 (0Ââ‰ÂxÂâ‰Â0.08). Journal of Electronic Materials, 2017, 46, 4047-4051.	1.0	3
120	Microwave dielectric properties of Na 2x Ba 1-x Li 2 Ti 6 O 14 ceramics and their chemical compatibility with silver. Materials Chemistry and Physics, 2017, 195, 275-282.	2.0	3
121	Two low-firing microwave dielectric ceramics Na2LnMg2V3O12 (Lnâ€‰=â€‰Pr, Yb) and their chemical compatibility with silver. Journal of Materials Science: Materials in Electronics, 2017, 28, 12342-12347.	1.1	3
122	Synthesis and microwave dielectric properties of an electronic ceramic Y2WO6 for wireless communications. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126811.	0.9	3
123	Polar molecules realignment in CH3NH3PbI3 by strain gradient. Materials Letters, 2020, 275, 128106.	1.3	3
124	An ultra-low-firing NaBi3V2O10 ceramic and its dielectric properties at RF and microwave frequency bands. Journal of Materials Science: Materials in Electronics, 2020, 31, 7219-7225.	1.1	3
125	Influence of Lithium Substitution for Zinc on Crystal Structure and Microwave Dielectric Properties of Willemite Li2x Zn2âˆ'x GeO4. ECS Journal of Solid State Science and Technology, 2020, 9, 073005.	0.9	3
126	The flexoelectric transition in CaCu₃Ti₄O₁₂ material with colossal permittivity. Journal of Applied Physics, 2022, 132, 024101.	1.1	3

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127	Temperature-stable and low loss Fe-containing dielectrics in BaO-Ln2O3-Fe2O3-Ta2O5 system. Journal of Materials Science: Materials in Electronics, 2011, 22, 1208-1212.	1.1	2
128	Dielectric and complex impedance analysis of Sr5Nb4TiO17 ceramic with perovskite-like structure. Journal of Materials Science: Materials in Electronics, 2015, 26, 8714-8719.	1.1	2
129	Phase Transition and Microwave Dielectric Properties of Low-Temperature Sintered BiCu2VO6 Ceramic and its Chemical Compatibility with Silver. Journal of Electronic Materials, 2016, 45, 262-266.	1.0	2
130	Microstructure and microwave Dielectric Properties of Sm_{0.5}Y_{0.5}VO₄ Ceramics. IOP Conference Series: Materials Science and Engineering, 0, 423, 012071.	0.3	2
131	High-temperature dielectric relaxation mechanism in Ba4SmFe0.5Nb9.5O30 tungsten bronze ceramics. Ceramics International, 2018, 44, S224-S227.	2.3	2
132	Na2CaV4O12: A low-temperature-firing dielectric with lightweight, low relative permittivity, and dielectric anomaly around 515 C. Ceramics International, 2021, 48, 6899-6899.	2.3	2
133	Preparation, structure and dielectric properties of tungsten bronze ferroelectrics in SrO-Eu2O3-TiO2-Nb2O5 system. Journal Wuhan University of Technology, Materials Science Edition, 2011, 26, 311-314.	0.4	1
134	Improvement in thermal stability of resonance frequency of LiCa3MgV3O12 ceramics through compositional modulation. Journal of Materials Science: Materials in Electronics, 2020, 31, 10605-10611.	1.1	1
135	Lowered sintering temperature and modulated microwave dielectric properties in Mg2SiO4 forsterite via Ge substitution. Journal of Materials Science: Materials in Electronics, 0, , 1.	1.1	1
136	Preparation, characterization and dielectric properties of Sr5RTi3Ta7O30 (R=Pr and Eu) ferroelectric ceramics. Journal Wuhan University of Technology, Materials Science Edition, 2010, 25, 291-294.	0.4	0
137	Deep learning-based semantic segmentation of grain morphologies in ceramics. , 2019, , .		0
138	Lowered sintering temperature and improved microwave dielectric properties in a vanadium tantalate via in-situ adjusting V5+/Ta5+ molar ratio. Journal of Materials Science: Materials in Electronics, 0, , 1.	1.1	0