Huanfu Zhou

List of Publications by Year
in descending order

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Version: 2025-02-01

192	4,210	118326	126327
papers	citations	32 h-index	57 g-index

194	194	194	2255
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lead-free BaTiO3-based composite ceramics with ultra-high energy storage performance via synergistic modulation of polarization and breakdown strength. Journal of Power Sources, 2025, 632, 236399.	8.0	0
2	Simultaneous enhancement of energy storage performance and thermal stability of NaNbO3-based ceramics via multi-scale modulation. Journal of Materiomics, 2024, 10, 670-681.	6.8	8
3	AY2Al4GeO12 (A = Ca, Mg) ceramics: Phase composition, microstructure, lattice vibration, bond characteristics, and microwave dielectric properties. Ceramics International, 2024, 50, 12310-12318.	5.4	5
4	Hydrothermally synthesized MXene Ti3C2/Zn2SnO4 based nanocomposite for H2S sensing at room temperature. Ceramics International, 2024, 50, 12298-12309.	5.4	7
5	Enhanced energy storage performance of NaNbO3-based ceramics by constructing weakly coupled relaxor behavior. Journal of Energy Storage, 2024, 82, 110597.	9.1	6
6	Sintering characteristics, phase structure and microwave dielectric properties of novel BaCeO3 ceramics. Materials Research Bulletin, 2024, 175, 112790.	5.4	2
7	Influence of sintering characteristics and structural properties on the microwave dielectric properties of non-stoichiometric Ca₃Mn_{2+x}Ge₃O_{12+Î´} (x = 0â€“0.2) ceramics. Journal of Materials Chemistry C, 2024, 12, 6615-6627.	5.1	2
8	Mechanism and simulation analysis of high electric field of NaNbO3Ââ€™Âbased energy storage ceramics based on defect engineering design. Chemical Engineering Journal, 2024, 493, 152786.	11.9	3
9	Improved piezoelectric properties in Bi(Mg_{2/3}Nb_{1/3})O₃â€modified BiFeO₃â€“BaTiO₃ leadâ€free piezoelectric ceramics. Journal of the American Ceramic Society, 2024, 107, 6833-6843.	3.8	1
10	Enhancing energy storage performance in (Bi0.5Na0.5)0.7Sr0.3TiO3 ceramics via phase structure adjustment and defect engineering. Journal of Power Sources, 2024, 622, 235306.	8.0	2
11	Synergistic optimization of delayed polarization saturation and enhanced breakdown strength in lead-free capacitors for superior energy storage characteristics. Ceramics International, 2024, 50, 48084-48091.	5.4	0
12	Realizing Ultrahigh Energy Storage Density in (Bi_{0.5}Na_{0.5})_{0.94}Ba_{0.06}TiO₃-Based Ceramics via Manipulating the Domain Configuration and Grain Boundary Density. ACS Applied Materials & Interfaces, 2024, 16, 57334-57345.	8.1	0
13	Enhanced capacitive energy storage of NaNbO₃-based relaxor via modulating the phase structure strategy for high power energy storage. Journal of Materials Chemistry C, 2024, 12, 19170-19179.	5.1	0
14	Microwave dielectric properties of Ca1.15RE0.85Al0.85Ti0.15O4 (RE=Nd, La, Y) ceramics prepared by the reaction sintering method. Ceramics International, 2023, 49, 716-721.	5.4	5
15	0.74NaNbO3â€“0.26Sr(Mg1/3Nb2/3)O3 lead-free dielectric ceramics with high energy storage properties. Ceramics International, 2023, 49, 8081-8087.	5.4	22
16	Sintering behavior, phase composition, microstructure, and dielectric characteristics of garnet-type Ca3Fe2Ge3O12 microwave ceramics. Journal of Materiomics, 2023, 9, 472-481.	6.8	15
17	0.90(0.88NaNbO₃-0.12Bi(Ni_{0.5}Zr_{0.5})O₃)-0.10CaTiO₃ Lead-Free Dielectric Ceramics with High Energy Storage Properties. ACS Applied Energy Materials, 2023, 6, 1630-1638.	5.4	23
18	Enhanced energy storage properties of 0.93NaNbO3â€“0.07Bi(Mg0.5Zr0.5)O3 ceramics by doping linear perovskite material. Journal of Materials Science: Materials in Electronics, 2023, 34, .	2.2	3

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19	Microwave dielectric properties of ternary molybdate NaSrLn(MoO4)3 (Ln = Nd, Sm) ceramics for LTCC applications. Ceramics International, 2023, 49, 23864-23870.	5.4	10
20	Energy storage performance of NaNbO₃ lead-free dielectric ceramics by doping Sr(Mg_{1/3}Sb_{2/3})O₃. Journal of Materials Chemistry C, 2023, 11, 13120-13128.	5.1	10
21	Phase Composition, Raman Spectrum and Microwave Dielectric Properties of glass-free low temperature co-fired ACaPr(MoO4)3 (A = Na, K) Ceramics. Ceramics International, 2023, 49, 36962-36969.	5.4	5
22	Mechanical strength and microwave dielectric properties of Al2O3 doped Li2MgTi3O8 ceramics with high temperature stability. Solid State Sciences, 2023, 145, 107316.	3.1	0
23	Enhanced flexural strength and microwave dielectric properties of Li₂MgTi₃O₈-based low temperature co-fired ceramics. Journal of Materials Chemistry C, 2023, 11, 16346-16355.	5.1	2
24	Enhanced energy storage performance in Na(1-3x)BixNb0.85Ta0.15O3 relaxor ferroelectric ceramics. Ceramics International, 2022, 48, 776-783.	5.4	21
25	Enhanced energy storage performances of Bi(Ni1/2Sb2/3)O3 added NaNbO3 relaxor ferroelectric ceramics. Ceramics International, 2022, 48, 13862-13868.	5.4	29
26	Reaction sintering and mechanism of microwave dielectric ceramic with K2NiF4Âstructure and perovskite structure. Journal of Materials Science: Materials in Electronics, 2022, 33, 2213-2221.	2.2	1
27	Realizing excellent energy storage properties in Na0.5Bi0.5TiO3-based lead-free relaxor ferroelectrics. Journal of the European Ceramic Society, 2022, 42, 2221-2229.	6.2	75
28	New lithium bismuth phosphate ceramic: crystal structure, microstructure, microwave dielectric properties and co-firing compatibility with aluminum electrode. Journal of Materials Science: Materials in Electronics, 2022, 33, 10114-10120.	2.2	2
29	Realizing enhanced energy storage and hardness performances in 0.90NaNbO3â^'0.10Bi(Zn0.5Sn0.5)O3 ceramics. Journal of Advanced Ceramics, 2022, 11, 729-741.	14.9	78
30	Phase engineering in NaNbO3 antiferroelectrics for high energy storage density. Journal of Materiomics, 2022, 8, 753-762.	6.8	42
31	Sintering characteristic, structure, microwave dielectric properties, and compatibility with Ag of novel 3MgO-B₂O₃-xwt% BaCu(B₂O₅)-ywt% H₃BO₃ ceramics. Journal of Asian Ceramic Societies, 2022, 10, 346-355.	2.1	4
32	Energy storage properties in Bi(Mg1/2Sb2/3)O3-doped NaNbO3 lead-free ceramics. Ceramics International, 2022, 48, 7723-7729.	5.4	20
33	Sintering characteristics and microwave dielectric properties of ultralow-loss SrY2O4 ceramics. Ceramics International, 2022, 48, 21299-21304.	5.4	29
34	Adjusting the Energy-Storage Characteristics of 0.95NaNbO₃â€“0.05Bi(Mg_{0.5}Sn_{0.5})O₃ Ceramics by Doping Linear Perovskite Materials. ACS Applied Materials & Interfaces, 2022, 14, 25609-25619.	8.1	43
35	Structure and dielectric properties of low-permittivity thermal-stable NiOâ€“MgOâ€“GeO2 system ceramics. Journal of Materials Science: Materials in Electronics, 2022, , .	2.2	0
36	Enhanced energy storage properties of Bi(Ni2/3Nb1/6Ta1/6)O3â€“NaNbO3 solid solution lead-free ceramics. Ceramics International, 2022, 48, 26466-26475.	5.4	20

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37	Solid-phase reaction mechanism and microwave dielectric properties of Mg2GeO4-MgAl2O4 composite ceramics. Ceramics International, 2022, 48, 31890-31895.	5.4	5
38	Enhanced structural and functional performances of Si3N4-reinforced Li2ZnTi3O8 microwave dielectric ceramics. Ceramics International, 2022, 48, 34283-34288.	5.4	1
39	Realizing high energy density and efficiency simultaneously in (Bi_{0.5}Na_{0.5})_{0.7}Sr_{0.3}TiO₃-based ceramics via introducing linear dielectric CaTiO₃. Journal of Materials Chemistry A, 2022, 10, 18343-18353.	9.3	37
40	Microwave dielectric properties of non-stoichiometric Sr1â€‰+â€‰xNd2Al2O7â€‰+â€‰x ceramic prepared by reaction-sintering process. Journal of Materials Science: Materials in Electronics, 2022, , .	2.2	0
41	Preparation, structure and microwave dielectric properties of novel La2MgGeO6 ceramics with hexagonal structure and adjustment of its Ï„ value. Ceramics International, 2021, 47, 7783-7789.	5.4	23
42	Effect of carbon quantum dots on the photoâ€‐absorption, photoâ€‐response and photoelectrochemical performance of KNb3O8	2.2	0
43	Excellent energy storage properties and stability of NaNbO₃â€“Bi(Mg_{0.5}Ta_{0.5})O₃ ceramics by introducing (Bi_{0.5}Na_{0.5})_{0.7}Sr_{0.3}TiO₃. Journal of Materials Chemistry A, 2021, 9, 4789-4799.	9.3	108
44	Sintering behavior, phase structure and microwave dielectric properties of CeO2 added CaTiO3-SmAlO3 ceramics prepared by reaction sintering method. Ceramics International, 2021, 47, 3741-3746.	5.4	11
45	Phase structure and microwave dielectric properties of 0.85(0.74CaTiO3â€“0.26SmAlO3)â€“0.15Ca1.15Sm0.85Al0.85Ti0.15O4 composite ceramics prepared by reaction-sintering process. Journal of Materials Science: Materials in Electronics, 2021, 32, 8863-8871.	2.2	5
46	Simultaneous enhancement of polarization and breakdown strength in lead-free BaTiO3-based ceramics. Chemical Engineering Journal, 2021, 409, 128231.	11.9	104
47	Microwave dielectric properties of Ca1.15Sm0.85Al0.85Ti0.15O4 ceramics prepared by reaction sintering. Ceramics International, 2021, 47, 15580-15584.	5.4	15
48	Sintering behaviour and microwave dielectric properties of MgO-2B2O3-xwt%BaCu(B2O5)-ywt%H3BO3 ceramics. Journal of Advanced Ceramics, 2021, 10, 1282-1290.	14.9	24
49	Bismuth borate composite microwave ceramics synthesised by different ratios of H3BO3 for ULTCC technology. Journal of the European Ceramic Society, 2020, 40, 381-385.	6.2	46
50	Novel lead-free ceramic capacitors with high energy density and fast discharge performance. Ceramics International, 2020, 46, 3426-3432.	5.4	90
51	Phase composition, sintering behavior and mirowave dielectric properties of novel high Q Ca3Al2(GeO4)3 ceramic. Materials Letters, 2020, 263, 127240.	2.6	14
52	Crystal structure, dielectric properties, and lattice vibrational characteristics of LiNiPO₄ceramics sintered at different temperatures. Journal of the American Ceramic Society, 2020, 103, 2528-2539.	3.8	63
53	Simultaneously achieved high energy-storage density and efficiency in BaTiO3â€“Bi(Ni2/3Ta1/3)O3 lead-free relaxor ferroelectrics. Journal of Materials Science: Materials in Electronics, 2020, 31, 22780-22788.	2.2	18
54	Phase structure, sintering behaviour and microwave dielectric properties of Ln2MoO6 (Ln = La and Y) ceramics. Ceramics International, 2020, 46, 24552-24556.	5.4	22

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55	Sintering Behavior and Microwave Dielectric Properties of Low-Permittivity SrMgSi2O6 Ceramic. Journal of Electronic Materials, 2020, 49, 5989-5993.	2.4	18
56	Structure and dielectric properties of novel series of 3CaOâ€“RE2O3â€“2WO3 (REâ€‰=â€‰La, Nd and Sm) microwave ceramics and the adjustment of Ï„f value. Journal of Materials Science: Materials in Electronics, 2020, 31, 14953-14960.	2.2	6
57	Ultrahigh Energy Storage Characteristics of Sodium Niobate-Based Ceramics by Introducing a Local Random Field. ACS Sustainable Chemistry and Engineering, 2020, 8, 14985-14995.	7.0	98
58	Novel series of MLa2WO7(Mâ€‰=â€‰Sr, Ba) microwave dielectric ceramic systems with monoclinic structures. Journal of Materials Science: Materials in Electronics, 2020, 31, 10819-10824.	2.2	10
59	High relative permittivity Bi4B2+O9+3/2 (x = 1.5, 2, 2.5, 3) microwave ceramics for ULTCC technology. Ceramics International, 2020, 46, 13841-13847.	5.4	14
60	Realizing ultrahigh recoverable energy density and superior chargeâ€“discharge performance in NaNbO₃-based lead-free ceramics via a local random field strategy. Journal of Materials Chemistry C, 2020, 8, 3784-3794.	5.1	172
61	Achieving ultrahigh energy storage density and energy efficiency simultaneously in barium titanate based ceramics. Applied Physics A: Materials Science and Processing, 2020, 126, .	2.6	41
62	Simultaneously optimizing both energy storage density and efficiency in a novel lead-free relaxor antiferroelectrics. Journal of the European Ceramic Society, 2020, 40, 3562-3568.	6.2	63
63	Effect of Lu doping on the structure, electrical properties and energy storage performance of AgNbO3 antiferroelectric ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 7731-7741.	2.2	22
64	Microwave dielectric properties of LiSmTa4O12 ceramics with A-site deficient perovskite structure. Materials Letters, 2020, 274, 128020.	2.6	3
65	Phase structure, Raman spectroscopic, microstructure and dielectric properties of (K0.5Na0.5)NbO3â€“Bi(Li0.5Nb0.5)O3 lead-free ceramics. Applied Physics A: Materials Science and Processing, 2019, 125, .	2.6	12
66	Simultaneously achieved high energy density and excellent thermal stability of lead-free barium titanate-based relaxor ferroelectric under low electric field. Journal of Materials Science: Materials in Electronics, 2019, 30, 15912-15922.	2.2	17
67	Phase evolution, microstructure, thermal stability of (K0.45Na0.45Li0.04La0.02)NbO3â€“Bi(Ni0.5Zr0.5)O3 ceramics. Journal of Materials Science: Materials in Electronics, 2019, 30, 16407-16414.	2.2	3
68	Phase evolution, microstructure, electric properties of (Ba1-xBi0.67xNa0.33x)(Ti1-xBi0.33xSn0.67x)O3 ceramics. Journal of Advanced Ceramics, 2019, 8, 427-437.	14.9	45
69	Phase Evolution, Microstructure, Conductivity Behavior and Microwave Dielectric Properties of Li2O-2MgO-Al2O3-6MoO3 Ceramics. Journal of Electronic Materials, 2019, 48, 5672-5676.	2.4	2
70	Synthesis and Properties of High Thermally Stable and Organosoluble Poly(pyridine imide)s with Pendent Diethylaminophenyl Groups. Fibers and Polymers, 2019, 20, 1109-1115.	2.0	1
71	Ultrahigh energy-storage density in A-/B-site co-doped AgNbO₃ lead-free antiferroelectric ceramics: insight into the origin of antiferroelectricity. Journal of Materials Chemistry A, 2019, 7, 26293-26301.	9.3	151
72	Ferroelastic lattice rotation and band-gap engineering in quasi 2D layered-structure PdSe₂under uniaxial stress. Nanoscale, 2019, 11, 12317-12325.	5.1	34

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73	Aliovalent A-site engineered AgNbO₃ lead-free antiferroelectric ceramics toward superior energy storage density. Journal of Materials Chemistry A, 2019, 7, 14118-14128.	9.3	272
74	Highly Thermally Stable, Organosoluble, and Hydrophobic Polyimides with Pyrrolidinylphenyl Pendant Groups and Pyridine Units. Macromolecular Research, 2019, 27, 232-237.	2.8	4
75	Phase Structure, Raman Spectra, Microstructure, and Dielectric Properties of (K0.5) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662	2.4	18
76	A lithium aluminium borate composite microwave dielectric ceramic with low permittivity, near-zero shrinkage, and low sintering temperature. Journal of the European Ceramic Society, 2019, 39, 1122-1126.	6.2	48
77	Phase evolution, microstructure, thermal stability and conductivity behavior of (Ba1-Bi0.67K0.33)(Ti1-Bi0.33Sn0.67)O3 solid solutions ceramics. Journal of Alloys and Compounds, 2019, 777, 1066-1073.	5.9	15
78	Leadâ€free Ag_{1â^'3x}La_xNbO₃ antiferroelectric ceramics with highâ€energy storage density and efficiency. Journal of the American Ceramic Society, 2019, 102, 4640-4647.	3.8	119
79	Structure and energy storage performance of Ba-modified AgNbO3 lead-free antiferroelectric ceramics. Ceramics International, 2019, 45, 5559-5565.	5.4	97
80	Microwave Dielectric Properties of Low-Temperature Co-fired Mg2Al4Si5O18-BaCu(B2O5) Ceramics. Journal of Electronic Materials, 2019, 49, 1184-1188.	2.4	6
81	Thermal stability of (K0.45Na0.45Li0.04La0.02)NbO3â€“Sr(Ni1/3Nb2/3)O3 ceramics in a broad temperature range. Journal of Materials Science: Materials in Electronics, 2019, 31, 2122-2129.	2.2	5
82	Super wide thermal stability and giant dielectric response of (Ba1â^'Bi0.5Sr0.5)(Ti1â^'Bi0.5Sn0.5)O3 ceramics. Materials Letters, 2018, 223, 112-115.	2.6	4
83	Phase composition, singtering behavior and microwave dielectric properties of M2BiLi2V3O12 (Mâ€¯=â€¯Zn,) Tj ETQq1 1 0.784314 rgBT	2.6	15
84	Crystal structure, microstructure and microwave dielectric properties of novel MgAl2Ti3O10 ceramic. Journal of Materials Science: Materials in Electronics, 2018, 29, 6232-6235.	2.2	5
85	(Ba1â^'xBi) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 272 Td (x) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 262 Td (and Impedance Analysis. Journal of Electronic Materials, 2018, 47, 2576-2583.	2.4	14
86	Fabrication and characterization of soluble, high thermal, and hydrophobic polyimides based on 4â€(3,5â€dimethoxyphenyl)â€2,6â€bis(4â€aminophenyl)pyridine. Journal of Applied Polymer Science, 2018, 135, .	2.7	6
87	Effect of raw materials pretreated by physical grinding method on the sintering ability and microwave dielectric properties of Li2MgTiO4 ceramics. Journal of Alloys and Compounds, 2018, 731, 839-843.	5.9	11
88	Excellent thermal-stability and low dielectric loss of BaTiO3-Bi(Sr2/3Nb1/3)O3 solid solution ceramics in a broad temperature range applied in X8R. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2018, 238-239, 130-135.	4.3	2
89	Excellent thermal stability and low dielectric loss of (Ba1â€‰â^'â€‰xBi0.5xSr0.5x)(Ti1â€‰â^'â€‰xBi0.5xZr0.5x)O3 solid solution ceramics in a broad temperature range applied in X8R. Applied Physics A: Materials Science and Processing, 2018, 124, .	2.6	5
90	Low permittivity MgOâ€“xB2O3â€“yBaCu(B2O5) microwave dielectric ceramics for low temperature co-fired ceramics technology. Journal of Materials Science: Materials in Electronics, 2018, 29, 18486-18492.	2.2	8

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91	Adjustable microwave dielectric properties of ZnOâ€“TiO2â€“ZrO2â€“Nb2O5 composite ceramics via controlling the raw ZrO2 content and sintering temperature. Journal of Materials Science: Materials in Electronics, 2018, 29, 12055-12060.	2.2	3
92	(Ba1â^'xBi0.33xSr0.67x)(Ti1â^'xBi0.67xV0.33x)O3 and (Ba1â^'xBi0.5xSr0.5x)(Ti1â^'xBi0.5xTi0.5x)O3 solid solutions: phase evolution, microstructure, dielectric properties and impedance analysis. Applied Physics A: Materials Science and Processing, 2018, 124, .	2.6	2
93	Excellent temperature stability, high relative permittivity, and piezoelectric properties of K0.5Na0.5NbO3â€“Bi(Li1/3Ti2/3)O3 lead-free ceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 11199-11207.	2.2	2
94	Excellent temperature stability on relative permittivity, and conductivity behavior of K0.5Na0.5NbO3 based lead free ceramics. Journal of Alloys and Compounds, 2018, 762, 697-705.	5.9	29
95	Good thermal stability and low dielectric loss of (K0.47Na0.47Li0.06)NbO3â€“(Bi0.5Na0.5)(Li0.25Ta0.75)O3 ceramics in a wide temperature range. Journal of Materials Science: Materials in Electronics, 2018, 30, 695-700.	2.2	1
96	Temperature-Stable Dielectric Properties from â^'â€‰56Â°C to 248Â°C in (1â€‰â^'â€‰x)BaTiO3-xBi(Mg0.5Sn0.5)O3 System. Journal of Electronic Materials, 2018, 48, 296-303.	2.4	7
97	Origin of giant dielectric response in LiCuNb3O9 distorted perovskite ceramics. Journal of the European Ceramic Society, 2017, 37, 1861-1864.	6.2	7
98	Sintering behavior, phase structure and adjustable microwave dielectric properties of Li2Oâ€“MgOâ€“nTiO2 ceramics (1â€‰â‰¤â€‰nâ€‰â‰¤â€‰5). Journal of Materials Science: Materials in Electronics, 2017, 28, 6475-6480.	2.2	17
99	Temperature-stable dielectric and piezoelectric properties of (K0.5Na0.5)NbO3-Bi(Cu0.75W0.25)O3 solid solutions. Materials Letters, 2017, 199, 128-130.	2.6	6
100	Phase evolution, microstructure and microwave dielectric properties of 2Li2O-AO-3WO3 (A=Mg, Zn) composite ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 11439-11445.	2.2	6
101	Phase Composition, Crystal Structure, and Microwave Dielectric Properties of 4BaO-4SiO2-V2O5 Composite Ceramic. Journal of Electronic Materials, 2017, 46, 5950-5956.	2.4	7
102	Microstructure and sintering behavior of low temperature cofired Li_{4/5}Mg_{4/5}Ti_{7/5}O₄ ceramics containing BaCu(B₂O₅) and TiO₂ and their compatibility with a silver electrode. RSC Advances, 2017, 7, 44706-44711.	4.5	8
103	Microwave dielectric properties of low-permittivity CaMgSiO4 ceramic. Journal of Materials Science: Materials in Electronics, 2017, 28, 15258-15262.	2.2	15
104	Thermal stability, phase composition and microwave dielectric properties of (3MgOâ€“Al2O3â€“3TiO2)â€“CaTiO3 ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 17009-17013.	2.2	10
105	Excellent thermal stability and low dielectric loss of (1â€‰â^'â€‰x)BaTiO3 â€“xBi(Li0.5Nb0.5)O3 solid solutions in a broad temperature range applied in X8R. Journal of Materials Science: Materials in Electronics, 2017, 28, 17278-17282.	2.2	10
106	New Insights into the Electronic Structure and Photoelectrochemical Properties of Nitrogen-Doped HNb₃O₈ via a Combined in Situ Experimental and DFT Investigation. ACS Applied Materials & Interfaces, 2017, 9, 42751-42760.	8.1	8
107	Li_{4x/3}Co_{2â^'2x}Ti_{1+2x/3}O₄ spinel solid solutions: order and disorder phase transition, cations distribution and adjustable microwave dielectric properties. RSC Advances, 2017, 7, 51670-51677.	4.5	5
108	Good high-temperature stability and improved piezoelectric properties of (K0.5Na0.5)NbO3â€“Bi(Mg0.5Zr0.5)O3 ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 13126-13131.	2.2	5

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109	Mass Production of Bi3NbO7 / Bi2Zn2/3Nb4/3O7 composites and their visible-light photocatalytic activity. Journal Wuhan University of Technology, Materials Science Edition, 2017, 32, 403-407.	0.9	0
110	High-temperature dielectric and impedance spectroscopy of Ca2NaNb3O10 ceramic. Journal of Materials Science: Materials in Electronics, 2017, 28, 13673-13677.	2.2	0
111	High thermal stability and low dielectric loss of BaTiO 3 -Bi(Li 1/3 Zr 2/3)O 3 solid solution. Ceramics International, 2017, 43, 926-929.	5.4	19
112	Good electrical performances and impedance analysis of (1Ââ^'Âx)KNNâ€“xBMM lead-free ceramics. Journal of Materials Science: Materials in Electronics, 2017, 29, 4538-4546.	2.2	11
113	(K0.5Na0.5)NbO3-Bi(Cu2/3Nb1/3)O3 Lead-free Ceramics: Phase Transition, Enhanced Dielectric and Piezoelectric Properties. Journal of Electronic Materials, 2017, 47, 794-799.	2.4	4
114	Solid-state reaction mechanism and microwave dielectric properties of 0.95MgTiO3â€“0.05CaTiO3 ceramics. Journal of Materials Science: Materials in Electronics, 2017, 29, 2001-2006.	2.2	13
115	Processing of low-fired glass-free Li2MgTi3O8 microwave dielectric ceramics. Journal of Alloys and Compounds, 2016, 688, 8-13.	5.9	23
116	Microwave dielectric properties and compatibility with silver electrode of novel low-fired Ba4CuTi11O27 ceramic. Ceramics International, 2016, 42, 15855-15860.	5.4	0
117	Glass-free Li2ZnTi3O8 low temperature cofired ceramics by pretreating raw materials. Journal of Materials Science: Materials in Electronics, 2016, 27, 11850-11855.	2.2	13
118	Structure and dielectric properties of a novel defect pyrochlore Bi1.34Fe0.66Nb1.34O6.35 ceramic. Journal of Materials Science: Materials in Electronics, 2016, 27, 8619-8622.	2.2	6
119	Enhanced sintering ability and microwave dielectric properties of LiZnNbO4 ceramics with pretreatment of raw materials. Journal of Alloys and Compounds, 2016, 665, 113-118.	5.9	15
120	Thermally stable Ba0.8Ca0.2TiO3â€“Bi(Mg0.5Zr0.5)O3 solid solution with low dielectric loss in a broad temperature usage range. Journal of Materials Science: Materials in Electronics, 2016, 27, 6552-6557.	2.2	7
121	Enhanced Sinterability and Microwave Dielectric Performance of (1Ââ^'Âx)ZnAl2O4-xLi4/3Ti5/3O4 Ceramics. Journal of Electronic Materials, 2016, 45, 3157-3161.	2.4	7
122	Novel 5MgOâ€“3Li2Oâ€“4WO3 ceramic: preparation, phase evolution and its microwave dielectric properties. Journal of Materials Science: Materials in Electronics, 2016, 27, 6389-6394.	2.2	2
123	Mechanically robust superhydrophobic and superoleophobic coatings derived by solâ€“gel method. Materials and Design, 2016, 89, 1302-1309.	7.0	133
124	Good thermal stability and improved piezoelectric properties of (K0.5Na0.5)NbO3â€“Bi(Mg0.75W0.25)O3 solid solutions. Journal of Materials Science: Materials in Electronics, 2016, 28, 3931-3935.	2.2	6
125	Preparation, structure and microwave dielectric properties of 3MgOâ€“Al2O3â€“3TiO2 ceramics. Journal of Materials Science: Materials in Electronics, 2016, 28, 4565-4569.	2.2	4
126	Optimized sintering temperature and enhanced microwave dielectric performance of Mg2B2O5 ceramic. Journal of Materials Science: Materials in Electronics, 2016, 28, 818-822.	2.2	4

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