

Zhencheng Lan

List of Publications by Year in descending order

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97
papers

2,907
citations

159585

30
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189892

50
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99
all docs

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docs citations

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times ranked

1690
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#	ARTICLE	IF	CITATIONS
1	Dynamic Behavior of Polar Nanoregions in Reentrant Relaxor $0.6\text{Bi}(\text{Mg}_{1/2}\text{Ti}_{1/2})\text{O}_3 \sim 0.4\text{PbTiO}_3$. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2022, 219, .	1.8	8
2	Evolving Differentiated Local Polar Displacement and Relaxor Behavior in $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3 \sim \text{PbTiO}_3$ Perovskites. <i>Chemistry of Materials</i> , 2022, 34, 3985-3992.	6.7	6
3	Structure and relaxor ferroelectric behavior of the novel tungsten bronze type ceramic $\text{Sr}_5\text{BiTi}_3\text{Nb}_7\text{O}_{30}$. <i>Journal of Applied Physics</i> , 2022, 131, .	2.5	4
4	Ferroelectricity and Schottky Heterojunction Engineering in AgNbO_3 : A Simultaneous Way of Boosting Piezo-photocatalytic Activity. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 22313-22323.	8.0	21
5	Defect engineering in rare-earth doped BaTiO_3 ceramics: Route to high-temperature stability of colossal permittivity. <i>Journal of the American Ceramic Society</i> , 2022, 105, 5725-5737.	3.8	17
6	The high piezoelectricity and thermal stability of high-temperature piezoelectric ceramics $\text{BiFeO}_3 \sim 0.25\text{BaTiO}_3 \sim \text{Bi}_{0.5}\text{K}_{0.5}\text{TiO}_3$ near the MPB. <i>Journal of Materials Chemistry C</i> , 2022, 10, 8301-8309.		17
7	A low-firing melilite ceramic $\text{Ba}_2\text{CuGe}_2\text{O}_7$ and compositional modulation on microwave dielectric properties through Mg substitution. <i>Journal of Advanced Ceramics</i> , 2021, 10, 108-119.	17.4	89
8	Kinetic Control of Long-Range Cationic Ordering in the Synthesis of Layered Ni-Rich Oxides. <i>Advanced Functional Materials</i> , 2021, 31, 2009949.	14.9	46
9	Ni-Rich Oxide Cathodes: Kinetic Control of Long-Range Cationic Ordering in the Synthesis of Layered Ni-Rich Oxides (Adv. Funct. Mater. 19/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170134.	14.9	1
10	Dielectric Relaxation and Magnetic Structure of A-Site-Ordered Perovskite Oxide Semiconductor $\text{CaCu}_3\text{Fe}_2\text{Ta}_2\text{O}_{12}$. <i>Inorganic Chemistry</i> , 2021, 60, 6999-7007.	4.0	10
11	Li^+/Na^+ Ion Exchange in Layered $\text{Na}_{2/3}(\text{Ni}_{0.25}\text{Mn}_{0.75})\text{O}_2$: A Simple and Fast Way to Synthesize O ₃ /O ₂ -Type Layered Oxides. <i>Chemistry of Materials</i> , 2021, 33, 5606-5617.	6.7	16
12	Shape-Supervised Super-Resolution Convolutional Neural Network for Melt Droplet Images. <i>Microgravity Science and Technology</i> , 2021, 33, 1.	1.4	0
13	Effect of Cu Concentration on the Selective Catalytic Reduction of NO with Ammonia for Aluminosilicate Zeolite SSZ-13 Catalysts. <i>Journal of Physical Chemistry C</i> , 2021, 125, 14675-14680.	3.1	15
14	Preparation and dielectric properties of co-contained unfilled tungsten bronze ceramics $\text{Ba}_4\text{RCo}_0.5\text{Nb}_9.5\text{O}_{30}$. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 24939-24952.	2.2	5
15	Compositional modulation in ZnGa_2O_4 via $\text{Zn}^{2+}/\text{Ge}^{4+}$ co-doping to simultaneously lower sintering temperature and improve microwave dielectric properties. <i>Journal of Advanced Ceramics</i> , 2021, 10, 1360-1370.	17.4	42
16	High dielectric tunability with high thermal stability of the (111) highly oriented $0.85\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ thin film prepared by a sol-gel method. <i>Journal of the European Ceramic Society</i> , 2021, 41, 6482-6489.	5.7	7
17	Structure, Raman spectra and microwave dielectric properties of novel garnet-type $\text{Ca}_3\text{MZrGe}_3\text{O}_{12}$ (M = Co, Zn) ceramics. <i>Journal of Asian Ceramic Societies</i> , 2021, 9, 424-432.	2.3	12
18	Tribocatalytic degradation of dyes by tungsten bronze ferroelectric $\text{Ba}_{2.5}\text{Sr}_{2.5}\text{Nb}_8\text{Ta}_2\text{O}_{30}$ submicron particles. <i>RSC Advances</i> , 2021, 11, 13386-13395.	3.6	25

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19	Ultralow-Temperature Synthesis and Densification of $\text{Ag}_{2-x}\text{Ca}_x\text{VO}_{12}$ with Improved Microwave Dielectric Performances. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 14461-14469.	6.7	34
20	Quenching-induced nonergodicity in ergodic $\text{Na}_{1/2}\text{Bi}_{1/2}\text{TiO}_3$ - BaTiO_3 - AgNbO_3 ceramics. <i>Journal of Materials Science</i> , 2021, 56, 18430-18439.	3.7	7
21	Reentrant dipole glass-like behavior and lattice dynamics of $0.65\text{Bi}(\text{Mg}_{1/2}\text{Ti}_{1/2})\text{O}_3$ - 0.35PbTiO_3 . <i>Journal of the American Ceramic Society</i> , 2020, 103, 2859-2867.	3.8	28
22	Study on preparation of LSTP thin film electrolyte by RF magnetron sputtering and electrical properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 542-547.	2.2	4
23	Long-Range and Short-Range Transport Dynamics of Li Ions in LiMn_2O_4 . <i>Journal of Physical Chemistry C</i> , 2020, 124, 25254-25261.	3.1	18
24	Synthesis, structure, and superconductivity of B-site doped perovskite bismuth lead oxide with indium. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3561-3570.	6.0	14
25	Significantly enhanced electrical properties in $\text{CaBi}_2\text{Nb}_2\text{O}_9$ -based high-temperature piezoelectric ceramics. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	32
26	High-Temperature Dielectric and Relaxation Behavior of Tantalum-Doped Sodium Bismuth Titanate-Barium Titanate Ceramics. <i>Journal of Electronic Materials</i> , 2020, 49, 6643-6655.	2.2	16
27	Crystal structure and microwave dielectric properties of a novel rock-salt type $\text{Li}_3\text{MgNbO}_5$ ceramic. <i>Journal of Materials Science</i> , 2020, 55, 15643-15652.	3.7	15
28	Origin of ultrahigh thermal stability on dielectric permittivity and dipole glass-like behavior of $0.4\text{Ba}_0.8\text{Ca}_0.2\text{TiO}_3$ - $0.6\text{Bi}(\text{Mg}_0.5\text{Ti}_0.5)\text{O}_3$ based ceramics. <i>Materials Research Bulletin</i> , 2020, 130, 110942.	5.2	10
29	Charge effects in donor-doped perovskite ferroelectrics. <i>Journal of the American Ceramic Society</i> , 2020, 103, 5392-5399.	3.8	17
30	Tunable phase transition in $(\text{Bi}_0.5\text{Na}_0.5)_x\text{Ba}_{1-x}\text{TiO}_3$ by B-site cations. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	16
31	Structural Distortion and Dielectric Permittivities of KCoO_2 -Type Layered Nitrides $\text{Ca}_{1-x}\text{Sr}_x\text{Ti}_2\text{N}_4$. <i>Inorganic Chemistry</i> , 2020, 59, 9693-9698.	4.0	5
32	Synthesis, Characterization, and Applications of Polymer Nanocomposites. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-2.	2.7	9
33	Effect of Lu doping on the structure, electrical properties and energy storage performance of AgNbO_3 antiferroelectric ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 7731-7741.	2.2	18
34	Phase evolution and relaxor behavior of BiScO_3 - PbTiO_3 - $0.05\text{Pb}(\text{Yb}_{1/2}\text{Nb}_{1/2})\text{O}_3$ ternary ceramics. <i>Journal of Materials Science</i> , 2019, 54, 13467-13478.	3.7	13
35	Effect of rare earth on dielectric properties of Mn contained unfilled tungsten bronze ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 17393-17404.	2.2	4
36	Ultrahigh energy-storage density in A/B-site co-doped AgNbO_3 lead-free antiferroelectric ceramics: insight into the origin of antiferroelectricity. <i>Journal of Materials Chemistry A</i> , 2019, 7, 26293-26301.	10.3	136

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37	High oxide ion conductivity in layer-structured $\text{Bi}_{0.4}\text{Ti}_{0.3}\text{O}_{12}$ -based ferroelectric ceramics. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8825-8835.	5.5	38
38	Aliovalent A-site engineered AgNbO_3 lead-free antiferroelectric ceramics toward superior energy storage density. <i>Journal of Materials Chemistry A</i> , 2019, 7, 14118-14128.	10.3	242
39	Superconductivity in Perovskite $\text{Ba}_{1-x}\text{K}_x\text{Bi}_{0.30}\text{Pb}_{0.70}\text{O}_{3\delta}$. <i>ChemistrySelect</i> , 2019, 4, 3135-3139.	1.5	7
40	Enhanced energy storage performance of $(1-x)(\text{BCT-BMT})_x\text{BFO}$ lead-free relaxor ferroelectric ceramics in a broad temperature range. <i>Journal of Alloys and Compounds</i> , 2019, 789, 303-312.	5.5	34
41	Design for high energy storage density and temperature-insensitive lead-free antiferroelectric ceramics. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4999-5008.	5.5	160
42	Tailoring the electrocaloric effect of $\text{Pb}_{0.78}\text{Ba}_{0.2}\text{La}_{0.02}\text{ZrO}_3$ relaxor thin film by GaN substrates. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14109-14115.	5.5	20
43	Phase evolution and thermal stability of high Curie temperature $\text{BiScO}_3\text{-PbTiO}_3\text{-Pb}(\text{Cd}_{1/3}\text{Nb}_{2/3})\text{O}_3$ ceramics near MPB. <i>Journal of Applied Physics</i> , 2019, 126, .	2.5	17
44	Braided bioresorbable cardiovascular stents mechanically reinforced by axial runners. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 89, 19-32.	3.1	24
45	Lead-free $\text{Ag}_3\text{LaNbO}_3$ antiferroelectric ceramics with high energy storage density and efficiency. <i>Journal of the American Ceramic Society</i> , 2019, 102, 4640-4647.	3.8	108
46	Revisiting the temperature-dependent dielectric permittivity of $\text{Ba}(\text{Ti}_{1-x}\text{Zr}_x)\text{O}_3$. <i>Journal of the American Ceramic Society</i> , 2018, 101, 2408-2416.	3.8	44
47	Dielectric properties of $(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3\text{-(Bi}_{0.5}\text{Li}_{0.5})\text{ZrO}_3$ lead-free ceramics as high-temperature ceramic capacitors. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	24
48	8H ⁺ Stacking Periodicity Control in Twinned Hexagonal Perovskite Dielectrics. <i>Inorganic Chemistry</i> , 2018, 57, 4117-4124.	4.0	3
49	Dielectric Properties of $(\text{Bi}_{0.5}\text{K}_{0.5})\text{ZrO}_3$ Modified $(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3$ Ceramics as High-Temperature Ceramic Capacitors. <i>Journal of Electronic Materials</i> , 2018, 47, 7106-7113.	2.2	12
50	Investigation on the electric and magnetoelectric properties of $\text{BaSrCo}_2\text{Fe}_{11.5}\text{Ga}_{0.5}\text{O}_{22}$ ferrite. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 17865-17871.	2.2	5
51	Composite self-expanding bioresorbable prototype stents with reinforced compression performance for congenital heart disease application: Computational and experimental investigation. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 84, 126-134.	3.1	13
52	8-Layer Shifted Hexagonal Perovskite $\text{Ba}_8\text{MnNb}_6\text{O}_{24}$: Long-Range Ordering of High-Spin d^{5+} Mn^{2+} Layers and Electronic Structure. <i>Inorganic Chemistry</i> , 2018, 57, 5732-5742.	4.0	10
53	Enhancement of Ferroelectricity for Orthorhombic $(\text{Tb}_{0.861}\text{Mn}_{0.121})\text{MnO}_3$ by Copper Doping. <i>Inorganic Chemistry</i> , 2017, 56, 3475-3482.	4.0	11
54	Synthesis, structure and magnetic properties of $(\text{Eu}_{1-x}\text{Mn}_x)\text{MnO}_3$. <i>RSC Advances</i> , 2017, 7, 2019-2024.	3.6	13

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55	Temperature-stable unfilled tungsten bronze dielectric ceramics: Ba _{3.5} Sm _{1.5} Fe _{0.75} Nb _{9.25} O ₃₀ . International Journal of Applied Ceramic Technology, 2017, 14, 269-273.	2.1	6
56	Dielectric response mechanism and suppressing high-frequency dielectric loss in Y ₂ O ₃ grafted CaCu ₃ Ti ₄ O ₁₂ ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 17378-17387.	2.2	30
57	Thermal evolution of polar nanoregions identified by the relaxation time of electric modulus in the Bi _{1/2} Na _{1/2} TiO ₃ system. Europhysics Letters, 2017, 118, 47001.	2.0	54
58	Preparation and characterization of high Curie-temperature piezoelectric ceramics in a new Bi-based perovskite of (1-x)PbTiO ₃ -xBi(Zn _{1/2} Hf _{1/2})O ₃ . Inorganic Chemistry Frontiers, 2017, 4, 1352-1355.	6.0	5
59	Average vs. local structure and composition-property phase diagram of K _{0.5} Na _{0.5} NbO ₃ -Bi _{1/2} Na _{1/2} TiO ₃ system. Journal of the European Ceramic Society, 2017, 37, 1387-1399.	5.7	118
60	Influence of interface point defect on the dielectric properties of Y doped CaCu ₃ Ti ₄ O ₁₂ ceramics. Journal of Advanced Dielectrics, 2016, 06, 1650009.	2.4	58
61	Dielectric behavior of La ₂ O ₃ -modified 0.4(Ba _{0.8} Ca _{0.2})TiO ₃ -0.6Bi(Mg _{0.5} Ti _{0.5})O ₃ lead-free ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 12128-12133.	2.2	17
62	Structure and dielectric dispersion in cubic-like 0.5K _{0.5} Na _{0.5} NbO ₃ -0.5Na _{1/2} Bi _{1/2} TiO ₃ ceramic. Europhysics Letters, 2016, 114, 47011.	2.0	47
63	Dielectric Properties of SrMnO ₃ -doped K _{0.5} Na _{0.5} NbO ₃ Lead-Free Ceramics. Journal of Electronic Materials, 2016, 45, 4089-4099.	2.2	12
64	Grain boundary defect compensation in Ti-doped BaFe _{0.5} Nb _{0.5} O ₃ ceramics. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	41
65	Electric and magnetic properties of Y-type Ba ₂ Mg ₂ Fe ₁₂ O ₂₂ hexaferrites with various Co doping. Journal of Materials Science: Materials in Electronics, 2016, 27, 10516-10524.	2.2	8
66	Preparation and electrical properties of the new lead-free (1-x)TjETQqO ₀ 0rgBT/Overlock 10Tf 50 307Td (x)Bi _{0.5} piezoelectric ceramics. Journal of the Ceramic Society of Japan, 2015, 123, 1038-1042.	1.1	4
67	Enhanced Piezoelectric Properties and Thermal Stability in the (K _{0.5} Na _{0.5})NbO ₃ :ZnO Lead-Free Piezoelectric Composites. Journal of the American Ceramic Society, 2015, 98, 3935-3941.	3.8	52
68	Dielectric and Ferroelectric Properties of (1-x)BiFeO ₃ -xBi _{0.5} Na _{0.5} TiO ₃ Solid Solution. Ferroelectrics, 2015, 478, 18-25.	0.6	19
69	Dielectric and ferroelectric properties of unfilled tungsten bronze KBa ₃ RNb ₁₀ O ₃₀ ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 515-520.	2.2	8
70	Enhanced Piezoelectric Properties of Tetragonal (Bi _{1/2} K _{1/2})TiO ₃ Lead-Free Ceramics by Substitution of Pure Bi-Based Bi(Mg _{2/3} Nb _{1/3})O ₃ . Journal of the American Ceramic Society, 2015, 98, 104-108.	3.8	19
71	Ferroic properties of Fe-doped and Cu-doped K _{0.45} Na _{0.49} Li _{0.06} NbO ₃ ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 6592-6598.	2.2	25
72	Low dielectric loss and good thermal stability of Eu and Ti co-doped K _{0.5} Na _{0.5} NbO ₃ ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 7159-7164.	2.2	4

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73	Large strain response based on relaxor-antiferroelectric coherence in Bi _{0.5} Na _{0.5} TiO ₃ –SrTiO ₃ –(K _{0.5} Na _{0.5})NbO ₃ solid solutions. Journal of Applied Physics, 2014, 116, .	2.5	104
74	Structure and Electrical Properties of LiF Doped 0.996(0.95K _{0.5} Na _{0.5})NbO ₃ –0.05LiSbO ₃ –0.004BiFeO ₃ Piezoelectric Ceramics. Ferroelectrics, 2014, 467, 99-109.	2.2	10
75	Dielectric Properties and Defect Chemistry of WO ₃ -Doped K _{0.5} Na _{0.5} NbO ₃ Ceramics. Journal of Electronic Materials, 2014, 43, 1055-1061.	2.2	33
76	Dielectric properties and high-temperature dielectric relaxation of Ba ₄ Gd ₂ Fe ₂ Nb ₈ xTaxO ₃₀ ceramics. Journal of Materials Science: Materials in Electronics, 2014, 25, 87-92.	2.2	5
77	Oxygen vacancy-related dielectric relaxation and electrical conductivity in La-doped Ba(Zr _{0.9} Ti _{0.1})O ₃ ceramics. Journal of Materials Science: Materials in Electronics, 2014, 25, 4058-4065.	2.2	62
78	High-temperature impedance spectroscopy of BaFe _{0.5} Nb _{0.5} O ₃ ceramics doped with Bi _{0.5} Na _{0.5} TiO ₃ . Applied Physics A: Materials Science and Processing, 2014, 114, 891-896.	2.3	46
79	Effect of holding time on the dielectric properties and non-ohmic behavior of CaCu ₃ Ti ₄ O ₁₂ capacitor-varistors. Journal of Materials Science: Materials in Electronics, 2013, 24, 1994-1999.	2.2	45
80	Dielectric Properties and Impedance Analysis of (K _{0.5} Na _{0.5})NbO ₃ Ceramics with Good Dielectric Temperature Stability. Journal of the American Ceramic Society, 2013, 96, 3489-3493.	3.8	38
81	Phase transition and electric properties of (1–x)BaTiO ₃ –xSr _{1.9} Ca _{0.1} Nb ₅ O ₁₅ perovskite solid solutions. Journal of Materials Science: Materials in Electronics, 2013, 24, 2873-2879.	2.2	6
82	Improvement on ferroelectric and piezoelectric properties of (K _{0.5} Na _{0.5})NbO ₃ ceramic with Sr _{0.53} Ba _{0.47} Nb ₂ O ₆ addition. Journal of Materials Science: Materials in Electronics, 2013, 24, 770-775.	2.2	6
83	Electrostrictive and relaxor ferroelectric behavior in BiAlO ₃ -modified BaTiO ₃ lead-free ceramics. Journal of Applied Physics, 2013, 113, .	2.5	59
84	Large Piezoelectric Response and Polarization in Relaxor Ferroelectric (PbTiO ₃)–Bi(Ni _{1/2} Zr _{1/2})O ₃ . Journal of the American Ceramic Society, 2013, 96, 1035-1038.	2.4	8
85	Preparation and Electric Properties of Bi _{0.5} Na _{0.5} TiO ₃ –Lead-Free Piezoceramics. Journal of the American Ceramic Society, 2013, 96, 1171-1175.	2.2	33
86	Dielectric and optical properties of Ba ₅ AFe _{0.5} Ta _{9.5} O ₃₀ (A=K, Li) tungsten bronze ceramics. Journal of Materials Science: Materials in Electronics, 2013, 24, 3891-3896.	2.2	6
87	Enhanced piezoelectric and ferroelectric properties in the BaZrO ₃ substituted BiFeO ₃ -PbTiO ₃ . Applied Physics Letters, 2013, 102, .	3.3	64
88	Preparation and Electric Properties of Bi _{0.5} Na _{0.5} TiO ₃ –Lead-Free Piezoceramics. Journal of the American Ceramic Society, 2013, 96, 3793-3797.	2.2	19
89	Enhanced piezoelectric and antiferroelectric properties of high-TC perovskite of Zr-substituted Bi(Mg _{1/2} Ti _{1/2})O ₃ -PbTiO ₃ . Journal of Applied Physics, 2012, 112, 074101.	2.5	24
90	High piezoelectric performance in a new Bi-based perovskite of (1–x)Bi(Ni _{1/2} Hf _{1/2})O ₃ –xPbTiO ₃ . Journal of Applied Physics, 2012, 112, .	2.5	37

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91	Structure, piezoelectric, and ferroelectric properties of BaZrO ₃ substituted Bi(Mg _{1/2} Ti _{1/2})O ₃ -PbTiO ₃ perovskite. Journal of Applied Physics, 2012, 111, .	2.5	20
92	Dielectric characteristic of nanocrystalline Na _{0.5} K _{0.5} NbO ₃ ceramic green body. Journal of Electroceramics, 2012, 28, 144-148.	2.0	12
93	Preparation and Electrical Properties of High-TC Piezoelectric Ceramics of Strontium-Substituted Bi(Ni _{1/2} Ti _{1/2})O ₃ -PbTiO ₃ . Journal of the American Ceramic Society, 2012, 95, 1170-1173.	3.8	18
94	Dielectric and non-Ohmic properties of CaCu ₃ Ti ₄ O ₁₂ ceramics modified with NiO, SnO ₂ , SiO ₂ , and Al ₂ O ₃ additives. Journal of Materials Science, 2012, 47, 2294-2299.	3.7	53
95	Space-charge relaxation and electrical conduction in $\text{K}_{0.5}\text{Na}_{0.5}\text{NbO}_3$ at high temperatures. Applied Physics A: Materials Science and Processing, 2011, 104, 1047-1051.	2.3	119
96	Ba ₄ Ln ₂ Fe ₂ Nb ₈ O ₃₀ (Ln = Eu, Gd) Ferroelectric Ceramics. Ferroelectrics, 2010, 404, 33-38.	0.6	6
97	Lowered sintering temperature and improved microwave dielectric properties in a vanadium tantalate via in-situ adjusting V ⁵⁺ /Ta ⁵⁺ molar ratio. Journal of Materials Science: Materials in Electronics, 0, , 1.	2.2	0