Han-li Lian

List of Publications by Year
in descending order

19	349	1040056 9	839539 18
papers	citations	h-index	g-index

19	19	19	268
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microstructure and Electrical Properties of Nonstoichiometric 0.94(Na_{0.5}Bi_{0.5+x})TiO₃â€“0.06BaTiO₃ Leadâ€Free Ceramics. Journal of the American Ceramic Society, 2016, 99, 198-205.	3.8	94
2	Dielectric, ferroelectric, piezoelectric properties and impedance analysis of nonstoichiometric (Bi0.5Na0.5)0.94+xBa0.06TiO3 ceramics. Journal of the European Ceramic Society, 2016, 36, 3995-4001.	5.7	76
3	Comparative study on structure, dielectric, and piezoelectric properties of (Na0.47Bi0.47Ba0.06)0.95A0.05TiO3 (Aâ€¯=â€¯Ca2+/Sr2+) ceramics: Effect of radii of A-site cations. Journal of the European Ceramic Society, 2018, 38, 3111-3117.	5.7	33
4	Microstructure and electrical properties of (1â^'x)[0.8Bi0.5Na0.5TiO3-0.2Bi0.5K0.5TiO3]-xBiCoO3 lead-free ceramics. Materials Chemistry and Physics, 2017, 186, 407-414.	4.0	26
5	Synthesis, microstructure, and electrical behavior of (Na0.5Bi0.5)0.94Ba0.06TiO3 piezoelectric ceramics via a citric acid solâ€“gel method. Journal of Materials Science, 2018, 53, 274-284.	3.7	21
6	Structure and electrical behavior of unpoled and poled 0.97(Bi 0.5 Na 0.5) 0.94 Ba 0.06 TiO 3 -0.03BiAlO 3 ceramics. Materials Chemistry and Physics, 2017, 202, 197-203.	4.0	19
7	Temperature-stable dielectric and energy storage properties of (0.94Bi0.47Na0.47Ba0.06TiO3-0.06BiAlO3)â€“NaNbO3 ceramics. Journal of Alloys and Compounds, 2020, 847, 156409.	5.5	15
8	Microstructure, dielectric, piezoelectric, and ferroelectric properties of fine-grained 0.94Na0.5Bi0.5TiO3-0.06BaTiO3 ceramics. Journal of the European Ceramic Society, 2019, 39, 264-268.	5.7	14
9	Structure and electrical properties of Ca2+-doped (Na0.47Bi0.47Ba0.06)TiO3 lead-free piezoelectric ceramics. Ceramics International, 2018, 44, 11320-11330.	4.8	12
10	Microstructure and electrical properties of K0.5Na0.5NbO3 lead-free piezoelectric ceramics sintered in low pO2 atmosphere. Journal of Materials Science: Materials in Electronics, 2018, 29, 19043-19051.	2.2	9
11	Structure, dielectric and piezoelectric properties of (Pb0.945Bi0.027La0.01)(Nb0.95Ti0.0625)2O6 piezoelectric ceramics with high Curie temperature: effect of sintering atmospheres. Journal of Materials Science: Materials in Electronics, 2016, 27, 760-766.	2.2	5
12	Electrical and photoluminescence properties of (Bi0.5â^'x/0.94Erx/0.94Na0.5)0.94Ba0.06TiO3 lead-free ceramics. Journal of Materials Science: Materials in Electronics, 2019, 30, 5233-5239.	2.2	5
13	Dielectric and ferroelectric properties of (Bi0.5Na0.5)0.94Ba0.06Ti1â^'xAlxO3â^'Î´ lead-free ferroelectric ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 7927-7936.	2.2	5
14	Comparative study on (Na0.47Bi0.47Ba0.06)0.95A0.05TiO3 (A = Sr2+/Ca2+) lead-free ceramics: Scaling behavior of ferroelectric hysteresis loop. Applied Physics Letters, 2022, 120, .	3.3	5
15	Improved ferroelectric and piezoelectric properties of (Na_{0.47}Bi_{0.47}Ba_{0.06})_{0.97}Sr_{0.03}TiO₃-x lead-free ceramics sintered in nitrogen atmosphere. Ferroelectrics, 2020, 555, 161-172.	0.6	4
16	Dielectric, ferroelectric, and piezoelectric properties of (Na0.47Bi0.47Ba0.06)1â^'xSrxTiO3 lead-free ceramics with different mean radii of the A-site cations. Journal of Materials Science: Materials in Electronics, 2019, 30, 18539-18547.	2.2	3
17	Dielectric and ferroelectric properties of (Bi0.5Na0.5)0.94-Î´Ba0.06Ti1â^'xNbxO3 lead-free ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 21467-21477.	2.2	2
18	Ferroelectric and dielectric properties of (Na_{0.47}Bi_{0.47}Ba_{0.06})_{0.99}Ca_{0.01}TiO₃-x ceramics sintered in different atmospheres. Phase Transitions, 2020, 93, 236-244.	1.3	1

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19	Dielectric, ferroelectric, and electrostrain behavior of 0.98(Bi0.5Na0.42K0.08)0.96Sr0.04Ti0.975Nb0.025O3-0.02BiAlO3 ceramics sintered in a wide temperature range. Journal of Materials Science: Materials in Electronics, 0, , 1.	2.2	0