

# Han-li Lian

## List of Publications by Year in descending order

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19  
papers

349  
citations

1040056

9  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

268  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative study on $(\text{Na}_{0.47}\text{Bi}_{0.47}\text{Ba}_{0.06})_{0.95}\text{A}_{0.05}\text{TiO}_3$ (A = $\text{Sr}^{2+}/\text{Ca}^{2+}$ ) lead-free ceramics: Scaling behavior of ferroelectric hysteresis loop. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	5
2	Ferroelectric and dielectric properties of $(\text{Na}_{0.47}\text{Bi}_{0.47}\text{Ba}_{0.06})_{0.99}\text{Ca}_{0.01}\text{TiO}_3$ ceramics sintered in different atmospheres. <i>Phase Transitions</i> , 2020, 93, 236-244.		1
3	Temperature-stable dielectric and energy storage properties of $(0.94\text{Bi}_{0.47}\text{Na}_{0.47}\text{Ba}_{0.06}\text{TiO}_3-0.06\text{BiAlO}_3)\text{-}x\text{NaNbO}_3$ ceramics. <i>Journal of Alloys and Compounds</i> , 2020, 847, 156409.	5.5	15
4	Dielectric and ferroelectric properties of $(\text{Bi}_{0.5}\text{Na}_{0.5})_{0.94}\text{Ba}_{0.06}\text{Ti}_{1-x}\text{Nb}_x\text{O}_3$ lead-free ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 21467-21477.	2.2	2
5	Dielectric and ferroelectric properties of $(\text{Bi}_{0.5}\text{Na}_{0.5})_{0.94}\text{Ba}_{0.06}\text{Ti}_{1-x}\text{Al}_x\text{O}_3$ lead-free ferroelectric ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 7927-7936.	2.2	5
6	Improved ferroelectric and piezoelectric properties of $(\text{Na}_{0.47}\text{Bi}_{0.47}\text{Ba}_{0.06})_{0.97}\text{Sr}_{0.03}\text{TiO}_3$ lead-free ceramics sintered in nitrogen atmosphere. <i>Ferroelectrics</i> , 2020, 555, 161-172.		4
7	Dielectric, ferroelectric, and piezoelectric properties of $(\text{Na}_{0.47}\text{Bi}_{0.47}\text{Ba}_{0.06})_{1-x}\text{Sr}_x\text{TiO}_3$ lead-free ceramics with different mean radii of the A-site cations. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 18539-18547.	2.2	3
8	Electrical and photoluminescence properties of $(\text{Bi}_{0.5-x}\text{Er}_x/0.94\text{Na}_{0.5})_{0.94}\text{Ba}_{0.06}\text{TiO}_3$ lead-free ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 5233-5239.	2.2	5
9	Microstructure, dielectric, piezoelectric, and ferroelectric properties of fine-grained $0.94\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3-0.06\text{BaTiO}_3$ ceramics. <i>Journal of the European Ceramic Society</i> , 2019, 39, 264-268.	5.7	14
10	Structure and electrical properties of $\text{Ca}^{2+}$ -doped $(\text{Na}_{0.47}\text{Bi}_{0.47}\text{Ba}_{0.06})\text{TiO}_3$ lead-free piezoelectric ceramics. <i>Ceramics International</i> , 2018, 44, 11320-11330.	4.8	12
11	Comparative study on structure, dielectric, and piezoelectric properties of $(\text{Na}_{0.47}\text{Bi}_{0.47}\text{Ba}_{0.06})_{0.95}\text{A}_{0.05}\text{TiO}_3$ (A = $\text{Ca}^{2+}/\text{Sr}^{2+}$ ) ceramics: Effect of radii of A-site cations. <i>Journal of the European Ceramic Society</i> , 2018, 38, 3111-3117.	5.7	33
12	Synthesis, microstructure, and electrical behavior of $(\text{Na}_{0.5}\text{Bi}_{0.5})_{0.94}\text{Ba}_{0.06}\text{TiO}_3$ piezoelectric ceramics via a citric acid sol-gel method. <i>Journal of Materials Science</i> , 2018, 53, 274-284.	3.7	21
13	Microstructure and electrical properties of $\text{K}_{0.5}\text{Na}_{0.5}\text{NbO}_3$ lead-free piezoelectric ceramics sintered in low $p\text{O}_2$ atmosphere. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 19043-19051.	2.2	9
14	Structure and electrical behavior of unpoled and poled $0.97(\text{Bi}_{0.5}\text{Na}_{0.5})_{0.94}\text{Ba}_{0.06}\text{TiO}_3-0.03\text{BiAlO}_3$ ceramics. <i>Materials Chemistry and Physics</i> , 2017, 202, 197-203.	4.0	19
15	Microstructure and electrical properties of $(1-x)[0.8\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3-0.2\text{Bi}_{0.5}\text{K}_{0.5}\text{TiO}_3]-x\text{BiCoO}_3$ lead-free ceramics. <i>Materials Chemistry and Physics</i> , 2017, 186, 407-414.	4.0	26
16	Dielectric, ferroelectric, piezoelectric properties and impedance analysis of nonstoichiometric $(\text{Bi}_{0.5}\text{Na}_{0.5})_{0.94+x}\text{Ba}_{0.06}\text{TiO}_3$ ceramics. <i>Journal of the European Ceramic Society</i> , 2016, 36, 3995-4001.	5.7	76
17	Microstructure and Electrical Properties of Nonstoichiometric $0.94(\text{Na}_{0.5}\text{Bi}_{0.5+x})\text{TiO}_3-0.06\text{BaTiO}_3$ Lead-Free Ceramics. <i>Journal of the American Ceramic Society</i> , 2016, 99, 198-205.	3.8	94
18	Structure, dielectric and piezoelectric properties of $(\text{Pb}_{0.945}\text{Bi}_{0.027}\text{La}_{0.01})(\text{Nb}_{0.95}\text{Ti}_{0.0625})_2\text{O}_6$ piezoelectric ceramics with high Curie temperature: effect of sintering atmospheres. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 760-766.	2.2	5

#	ARTICLE	IF	CITATIONS
19	Dielectric, ferroelectric, and electrostrain behavior of $0.98(\text{Bi}_{0.5}\text{Na}_{0.42}\text{K}_{0.08})_{0.96}\text{Sr}_{0.04}\text{Ti}_{0.975}\text{Nb}_{0.025}\text{O}_3-0.02\text{BiAlO}_3$ ceramics sintered in a wide temperature range. <i>Journal of Materials Science: Materials in Electronics</i> , 0, , 1.	2.2	0