

Hao Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enhanced energy storage density with excellent temperature-stable dielectric properties of $(1-x)[(\text{Bi}_{0.5}\text{Na}_{0.5})_{0.94}\text{Ba}_{0.06}\text{TiO}_3]_x\text{AgNbO}_3$ lead-free ceramics. <i>Journal of Alloys and Compounds</i> , 2022, 911, 165019.	5.5	10
2	Large strain with enhanced energy-storage and temperature stable dielectric properties in $\text{Bi}_{0.38}\text{Na}_{0.38}\text{Sr}_{0.24}\text{Ti}_{1-(\text{Mn}_{1/3}\text{Nb}_{2/3})}\text{O}_3$ ceramics. <i>Ceramics International</i> , 2021, 47, 1325-1332.	4.8	16
3	Enhanced dielectric temperature stability and energy-storage properties of $(\text{Y}_{0.5}\text{Nb}_{0.5})_{4+}$ co-doped $(\text{Bi}_{0.5}\text{Na}_{0.5})_{0.94}\text{Ba}_{0.06}\text{TiO}_3$ lead-free relaxor ceramics. <i>Journal of Materials Science</i> , 2021, 56, 14672-14683.	3.7	14
4	Large electro-strain with excellent fatigue resistance of lead-free $(\text{Bi}_{0.5}\text{Na}_{0.5})_{0.94}\text{Ba}_{0.06}\text{Ti}_{1-(\text{Y}_{0.5}\text{Nb}_{0.5})}\text{O}_3$ perovskite ceramics. <i>Ceramics International</i> , 2021, 47, 17092-17098.	4.8	13
5	Large electrostrictive effect and energy storage density in MnCO_3 modified $\text{Na}_{0.325}\text{Bi}_{0.395}\text{Sr}_{0.245}\text{Ti}_{0.035}\text{TiO}_3$ lead-free ceramics. <i>Ceramics International</i> , 2020, 46, 3374-3381.	4.8	22
6	Giant electro-strain and enhanced energy storage performance of $(\text{Y}_{0.5}\text{Ta}_{0.5})_{4+}$ co-doped $0.94(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3\text{-}0.06\text{BaTiO}_3$ lead-free ceramics. <i>Ceramics International</i> , 2020, 46, 281-288.	4.8	85
7	$[\text{Bi}_{0.5}(\text{Na}_{0.4}\text{Li}_{0.1})]_{0.96}\text{Sr}_{0.04}\text{Ti}_{0.975}\text{Ta}_{0.025}\text{O}_3$ lead-free RELAXOR ceramics with the enhanced recoverable energy density. <i>Ceramics International</i> , 2020, 46, 715-721.	4.8	31
8	Large electric field-induced strain in the novel BNKTAN-BNBLTZ lead-free ceramics. <i>Journal of Materials Science and Technology</i> , 2020, 45, 15-22.	10.7	16
9	$\text{Bi}_{0.48}(\text{Na}_{0.84}\text{K}_{0.16})_{0.48}\text{Sr}_{0.04}(\text{Ti}_{1-\text{Ta}})\text{O}_3$ lead-free ceramics with enhanced electric field-induced strain. <i>Journal of Alloys and Compounds</i> , 2019, 803, 1082-1089.	5.5	29
10	Enhanced temperature stable dielectric properties and energy-storage density of BaSnO_3 -modified $(\text{Bi}_{0.5}\text{Na}_{0.5})_{0.94}\text{Ba}_{0.06}\text{TiO}_3$ lead-free ceramics. <i>Ceramics International</i> , 2019, 45, 19822-19828.	4.8	63
11	Influence of compositional ratio K/Na on structure and piezoelectric properties in $[(\text{Na}_{1-x}\text{K}_x)_{0.5}\text{Bi}_{0.5}]\text{Ti}_{0.985}\text{Ta}_{0.015}\text{O}_3$ ceramics. <i>Journal of Materials Science</i> , 2019, 54, 4523-4531.	3.7	24
12	Large strain response in $(1-x)(0.94\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3\text{-}0.06\text{BaTiO}_3)_x\text{Sr}_{0.8}\text{Bi}_{0.1}\text{-}0.1\text{Ti}_{0.8}\text{Zr}_{0.2}\text{O}_{2.95}$ lead-free piezoelectric ceramics. <i>Ceramics International</i> , 2019, 45, 1676-1682.	4.8	16
13	Large strain response with low driving field in $\text{Bi}_{1/2}\text{Na}_{1/2}\text{TiO}_3\text{-}\text{Bi}_{1/2}\text{K}_{1/2}\text{TiO}_3\text{-}\text{Bi}(\text{Mg}_{2/3}\text{Nb}_{1/3})\text{O}_3$ ceramics. <i>Journal of the American Ceramic Society</i> , 2018, 101, 3947-3955.	3.8	50
14	Enhanced energy-storage performance and dielectric temperature stability of $(1-x)(0.65\text{Bi}_{0.5}\text{Na}_{0.5})_{\text{Tj}}\text{ETQq}000\text{rgBT}$ /Overlock 10 T	4.8	92
15	Enhanced energy-storage properties of $(1-x)(0.7\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3\text{-}0.3\text{Bi}_{0.2}\text{Sr}_{0.7}\text{TiO}_3)_x\text{NaNbO}_3$ lead-free ceramics. <i>Ceramics International</i> , 2018, 44, 2782-2788.	4.8	83
16	Giant field-induced strain in Nb_{2}O_5 -modified $(\text{Bi}_{0.5}\text{Na}_{0.5})_{0.94}\text{Ba}_{0.06}\text{TiO}_3$ lead-free ceramics. <i>Ceramics International</i> , 2017, 43, 5367-5373.	4.8	31