

Hao Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enhanced energy-storage performance and dielectric temperature stability of $(1-x)(0.65\text{Bi}0.5\text{Na}0.5)\text{Tj} \text{ETQq1} 1$ $\text{Bi}0.5\text{Na}0.5\text{TiO}3$ lead-free relaxor ferroelectric ceramics. <i>Ceramics International</i> , 2020, 46, 281-288.	4.8	92
2	Giant electro-strain and enhanced energy storage performance of $(\text{Y}0.5\text{Ta}0.5)_{4+}$ co-doped $0.94(\text{Bi}0.5\text{Na}0.5)\text{TiO}3$ - $0.06\text{BaTiO}3$ lead-free ceramics. <i>Ceramics International</i> , 2020, 46, 281-288.	4.8	85
3	Enhanced energy-storage properties of $(1-x)(0.7\text{Bi}0.5\text{Na}0.5\text{TiO}3$ - $0.3\text{Bi}0.2\text{Sr}0.7\text{TiO}3$)- $x\text{NaNbO}3$ lead-free ceramics. <i>Ceramics International</i> , 2018, 44, 2782-2788.	4.8	83
4	Enhanced temperature stable dielectric properties and energy-storage density of $\text{BaSnO}3$ -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
5	Large strain response with low driving field in $\text{Bi}1/2\text{Na}1/2\text{TiO}3$ $\text{Bi}1/2\text{K}1/2\text{TiO}3$ $\text{Bi}(\text{Mg}2/3\text{Nb}1/3)\text{O}3$ ceramics. <i>Journal of the American Ceramic Society</i> , 2018, 101, 3947-3955.	3.8	50
6	Giant field-induced strain in $\text{Nb}2\text{O}5$ -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
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	$\text{Bi}0.48(\text{Na}0.84\text{K}0.16)0.48\text{Sr}0.04(\text{Ti}1\text{-Ta})\text{O}3$ lead-free ceramics with enhanced electric field-induced strain. <i>Journal of Alloys and Compounds</i> , 2019, 803, 1082-1089.	5.5	29
9	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
10	Large electrostrictive effect and energy storage density in $\text{MnCO}3$ 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
11	Large strain response in $(1-x)(0.94\text{Bi}0.5\text{Na}0.5\text{TiO}3$ - $0.06\text{BaTiO}3$)- $x\text{Sr}0.8\text{Bi}0.1$ - $\text{Ti}0.8\text{Zr}0.2\text{O}2.95$ lead-free piezoelectric ceramics. <i>Ceramics International</i> , 2019, 45, 1676-1682.	4.8	16
12	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
13	Large strain with enhanced energy-storage and temperature stable dielectric properties in $\text{Bi}0.38\text{Na}0.38\text{Sr}0.24\text{Ti}(1-x)(\text{Mn}1/3\text{Nb}2/3)\text{O}3$ ceramics. <i>Ceramics International</i> , 2021, 47, 1325-1332.	4.8	16
14	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
15	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
16	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