

Hua-Lei Cheng

List of Publications by Year in descending order

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10
papers

152
citations

1684188

5
h-index

1474206

9
g-index

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all docs

10
docs citations

10
times ranked

203
citing authors

#	ARTICLE	IF	CITATIONS
1	High-temperature Lead-free Ferroelectric Ceramics with Low Capacitance Variation in a Broad Temperature Usage Range. <i>Journal of the American Ceramic Society</i> , 2013, 96, 833-837.	3.8	72
2	Enhanced dielectric relaxor properties in $(1-x)(K_{0.5}Na_{0.5})NbO_3-x(Ba_{0.6}Sr_{0.4})_{0.7}Bi_{0.2}TiO_3$ lead-free ceramic. <i>Journal of Alloys and Compounds</i> , 2013, 579, 192-197.	5.5	39
3	Effects of dwell time during sintering on electrical properties of $0.98(K_{0.5}Na_{0.5})NbO_3-x(0.02LaFeO_3)$ ceramics. <i>Transactions of Nonferrous Metals Society of China</i> , 2013, 23, 2984-2988.	4.2	10
4	Effect of sintering temperature on phase structure, microstructure, and electrical properties of $(K_{0.5}Na_{0.5})NbO_3-x(Ba_{0.6}Sr_{0.4})_{0.7}Bi_{0.2}TiO_3$ lead-free ceramics. <i>Journal of Materials Science</i> , 2014, 49, 1824-1831.	3.7	8
5	MnO ₂ -modified $0.98(K_{0.5}Na_{0.5})NbO_3-x(0.02LaFeO_3)$ ceramics with low dielectric loss for high temperature ceramics capacitors applications. <i>Ceramics International</i> , 2014, 40, 5019-5023.	4.8	8
6	Microstructure and dielectric properties of $(K_{0.5}Na_{0.5})NbO_3-xBi(Zn_{2/3}Nb_{1/3})O_3-xmol\%CeO_2$ lead-free ceramics for high temperature capacitor applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 9097-9106.	2.2	6
7	Sol-gel auto-combustion synthesis of $KNa_{1-x}NbO_3$ nanopowders and ceramics: Dielectric and piezoelectric properties. <i>Transactions of Nonferrous Metals Society of China</i> , 2018, 28, 1801-1807.	4.2	4
8	Effects of $LaFeO_3$ Additions on the Dielectric and Ferroelectric Properties of $(K_{0.5}Na_{0.5})NbO_3-x$ Ceramics. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2013, 27, 1228-1232.	1.3	3
9	Temperature-stable dielectric properties from 100 to 375°C in system $(K_{0.495}Na_{0.495}La_{0.01})(Nb_{0.997}Cu_{0.0075})O_3-xBi(Mg_{0.5}Zr_{0.5})O_3$. <i>Rare Metals</i> , 2019, 38, 1193-1198.	7.1	2
10	Phase transition and electrical properties of $(1-x)(K_{1/2}Na_{1/2})NbO_3-xBi(Sc_{3/4}Co_{1/4})O_3$ lead-free ceramics. <i>Journal of Materials Research</i> , 2015, 30, 2467-2473.	2.6	0