

Hua-Lei Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

152
citations

1684188

5
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

203
citing authors

#	ARTICLE	IF	CITATIONS
1	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 â€“Bi(Mg _{0.5} Zr _{0.5})O ₃ . Rare Metals, 2019, 38, 1193-1198.	7.1	2
2	Sol-gel auto-combustion synthesis of K Na ₁ -NbO ₃ nanopowders and ceramics: Dielectric and piezoelectric properties. Transactions of Nonferrous Metals Society of China, 2018, 28, 1801-1807.	4.2	4
3	Phase transition and electrical properties of (1 - x)(K _{1/2} Na _{1/2})NbO ₃ â€“xBi(Sc _{3/4} Co _{1/4})O ₃ lead-free ceramics. Journal of Materials Research, 2015, 30, 2467-2473.	2.6	0
4	Microstructure and dielectric properties of (K _{0.5} Na _{0.5})NbO ₃ â€“Bi(Zn _{2/3} Nb _{1/3})O ₃ â€“xmol%CeO ₂ lead-free ceramics for high temperature capacitor applications. Journal of Materials Science: Materials in Electronics, 2015, 26, 9097-9106.	2.2	6
5	Effect of sintering temperature on phase structure, microstructure, and electrical properties of (K _{0.5} Na _{0.5})NbO ₃ â€“(Ba _{0.6} Sr _{0.4}) _{0.7} Bi _{0.2} TiO ₃ lead-free ceramics. Journal of Materials Science, 2014, 49, 1824-1831.	3.7	8
6	MnO ₂ -modified 0.98(K _{0.5} Na _{0.5})NbO ₃ â€“0.02LaFeO ₃ ceramics with low dielectric loss for high temperature ceramics capacitors applications. Ceramics International, 2014, 40, 5019-5023.	4.8	8
7	Effects of dwell time during sintering on electrical properties of 0.98(K _{0.5} Na _{0.5})NbO ₃ â€“0.02LaFeO ₃ ceramics. Transactions of Nonferrous Metals Society of China, 2013, 23, 2984-2988.	4.2	10
8	Enhanced dielectric relaxor properties in (1 - x)(K _{0.5} Na _{0.5})NbO ₃ â€“(Ba _{0.6} Sr _{0.4}) _{0.7} Bi _{0.2} TiO ₃ lead-free ceramic. Journal of Alloys and Compounds, 2013, 579, 192-197.	5.5	39
9	High-Temperature Lead-Free Ferroelectric Ceramics with Low Capacitance Variation in a Broad Temperature Usage Range. Journal of the American Ceramic Society, 2013, 96, 833-837.	3.8	72
10	Effects of LaFeO ₃ Additions on the Dielectric and Ferroelectric Properties of (K _{0.5} Na _{0.5})NbO ₃ Ceramics. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2013, 27, 1228-1232.	1.3	3