

Hetuo Chen

List of Publications by Year in descending order

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papers

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933447

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#	ARTICLE	IF	CITATIONS
1	Structure-property relationships of perovskite-structured $\text{Ca}_{0.61}\text{Nd}_{0.26}\text{Ti}_{1-x}(\text{Cr}_{0.5}\text{Nb}_{0.5})\text{O}_3$ ceramics. <i>Ceramics International</i> , 2018, 44, 7384-7392.	4.8	33
2	The observation and prediction of constant quality factors of LnAlO_3 doped $\text{Ba}_{6-3x}\text{Ln}_x\text{Ti}_{18}\text{O}_{54}$ ($\text{Ln} = \text{Tj, ET, Qq}$) ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 27, 6902-6910.	4.8	7
3	The dielectric constant and quality factor calculation of the microwave dielectric ceramic solid solutions. <i>Ceramics International</i> , 2017, 43, 7383-7386.	4.8	13
4	A novel formula for the quality factor calculation for the multiphase microwave dielectric ceramic mixtures. <i>Journal of the European Ceramic Society</i> , 2017, 37, 3347-3352.	5.7	8
5	Microwave dielectric properties of $(\text{Ba}_{3-3x}\text{Nd}_{9.5}\text{Cr}_{0.25}\text{Nb}_{0.25}\text{Ti}_{17.5}\text{O}_{54-x})$ ceramics. <i>Journal of the American Ceramic Society</i> , 2017, 100, 4058-4065.	4.8	13
6	Determining the Quality Factor of Dielectric Ceramic Mixtures with Dielectric Constants in the Microwave Frequency Range. <i>Scientific Reports</i> , 2017, 7, 14120.	3.3	10
7	A Temperature-Insensitive $\text{Ba}_{3.75}\text{Nd}_{9.5}\text{Ti}_{17.5}(\text{Cr}_{0.5}\text{Nb}_{0.5})_{0.5}\text{O}_{54}$ Microwave Dielectric Ceramic by Bi^{3+} Substitution. <i>Journal of Electronic Materials</i> , 2017, 46, 1230-1234.	2.2	2
8	Microwave Dielectric Properties of Aluminum-Substituted $\text{Ba}_{6-3x}\text{Nd}_{8+2x}\text{Ti}_{18}\text{O}_{54}$ Ceramics. <i>International Journal of Applied Ceramic Technology</i> , 2016, 13, 564-568.	2.1	8
9	Dependence of microwave dielectric properties on site substitution in $\text{Ba}_{3.75}\text{Nd}_{9.5}\text{Ti}_{18}\text{O}_{54}$ ceramic. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 10951-10957.	2.2	14
10	Effects of $\text{Y}_2\text{O}_3/\text{CeO}_2$ co-doping on microwave dielectric properties of $\text{Ba}(\text{Co}_{0.6}\text{Zn}_{0.38})_{1/3}\text{Nb}_{2/3}\text{O}_3$ ceramics. <i>Journal of Alloys and Compounds</i> , 2016, 679, 247-253.	5.5	7
11	Microwave dielectric properties of aluminum substituted $\text{Ca}_{0.61}\text{Nd}_{0.26}\text{TiO}_3$ ceramics. <i>Journal of the Ceramic Society of Japan</i> , 2016, 124, 903-906.	1.1	8
12	Low-temperature sintering and microwave dielectric properties of $\text{Ba}_{0.15}\text{Zn}_{0.4}\text{TiO}_2$ ceramics with $\text{Li}_2\text{O}-\text{B}_2\text{O}_3-\text{SiO}_2$ addition. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 6902-6910.	2.2	6
13	PHASE EVOLUTION AND MICROWAVE DIELECTRIC PROPERTIES OF $\text{Ca}_{0.61}\text{Nd}_{0.26}\text{Ti}_{1-x}(\text{Al}_{1/2}\text{Nb}_{1/2})_x\text{O}_3$ CERAMICS ($0 \leq x \leq 0.2$). <i>Ceramics - Silikaty</i> , 2016, , 1-5.	0.3	1
14	Microwave dielectric properties and microstructure of $\text{Ba}_{6-3x}\text{Nd}_{8+2x}\text{Ti}_{18-y}(\text{Cr}_{1/2}\text{Nb}_{1/2})_y\text{O}_{54}$ ceramics. <i>Journal of Alloys and Compounds</i> , 2015, 646, 512-516.	5.5	41
15	Effects of B-site Substitution on Microwave Dielectric Properties of $\text{Ba}_{6-3x}\text{Nd}_{8+2x}[\text{Ti}_{1-z}(\text{Ni}_{1/3}\text{Nb}_{2/3})_z]_{18}\text{O}_{54}$ Ceramics. <i>International Journal of Applied Ceramic Technology</i> , 2015, 12, E170.	2.1	7
16	Aluminum substitution for titanium in $\text{Ba}_{3.75}\text{Nd}_{9.5}\text{Ti}_{18}\text{O}_{54}$ microwave dielectric ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 405-410.	2.2	37
17	Effects of Y_2O_3 substitution on microwave dielectric properties of $\text{Ba}(\text{Co}_{0.6}\text{Zn}_{0.38})_{1/3}\text{Nb}_{2/3}\text{O}_3$ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 7683-7689.	2.2	4
18	Microstructure and Microwave Dielectric Properties of $\text{Ba}_{3.75}\text{Nd}_{9.5}\text{Ti}_{18-z}(\text{Mg}_{1/3}\text{Nb}_{2/3})_z\text{O}_{54}$ Ceramics. <i>Journal of Electronic Materials</i> , 2015, 44, 1081-1087.	2.2	21

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19	Microwave dielectric properties and microstructure of $(\text{Ba}_{0.98}\text{Sr}_{0.02})_{3.75}\text{Nd}_{9.5}\text{Ti}_{18-x}(\text{Zn}_{1/3}\text{Nb}_{2/3})_x\text{O}_{54}$ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 6182-6188.	2.2	3
20	Microwave dielectric properties of $\text{H}_3\text{BO}_3\text{-CuO}$ co-doped $0.85\text{BaTi}_4\text{O}_9\text{-}0.15\text{BaZn}_2\text{Ti}_4\text{O}_{11}$ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 7140-7145.	2.2	4
21	Microwave dielectric properties of bismuth-substituted $\text{Ba}_{3.75}\text{Nd}_{9.5}\text{Ti}_{17}\text{Al}_4/3\text{O}_{54}$ ceramics. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 121, 283-287.	2.3	8
22	Effect of TiO_2 Ratio on the Phase and Microwave Dielectric Properties of $\text{Li}_2\text{ZnTi}_3+x\text{O}_{8+2x}$ Ceramics. <i>Journal of Electronic Materials</i> , 2014, 43, 1107-1111.	2.2	21
23	Low temperature sintering and dielectric properties of $\text{Li}_2\text{ZnTi}_3\text{O}_8\text{-TiO}_2$ composite ceramics doped with $\text{CaO-B}_2\text{O}_3\text{-SiO}_2$ glass. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 2780-2785.	2.2	30
24	Phase structure and microwave dielectric properties of $\text{Zr}(\text{Zn}_{1/3}\text{Nb}_{2/3})_x\text{Ti}_{2-x}\text{O}_6$ (0.2 ≤ x ≤ 0.8) ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 1475-1479.	2.2	14