

He-Tuo Chen

List of Publications by Year in descending order

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17
papers

266
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1040056

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166
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-effects of Nb ₂ O ₅ and stoichiometric deviations on the microwave dielectric properties of Y ₃ Al ₅ O ₁₂ . <i>Ceramics International</i> , 2022, 48, 18651-18657.	4.8	7
2	Oxidation behavior and mechanism of aluminum oxynitride (AlON) at elevated temperatures. <i>Journal of the American Ceramic Society</i> , 2021, 104, 1040-1046.	3.8	10
3	Dielectric resonator antenna with Y ₃ Al ₅ O ₁₂ transparent dielectric ceramics for 5G millimeter-wave applications. <i>Journal of the American Ceramic Society</i> , 2021, 104, 4659-4668.	3.8	41
4	Synthesis of Multiwall Boron Nitride (BN) Nanotubes by a PVD Method Based on Vapor-Liquid-Solid Growth. <i>Materials</i> , 2020, 13, 915.	2.9	10
5	The observation and prediction of constant quality factors of LnAlO ₃ doped Ba _{6-3Ln} 8+2Ti ₁₈ O ₅₄ (Ln = Tj, ET, Qq) 1,0,784314 rgBT /Ove	4.8	7
6	A new niobate-based CaO-2CuO-Nb ₂ O ₅ microwave dielectric ceramic composite for LTCC applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 4533-4537.	2.2	5
7	Microwave dielectric properties of (1-x)(Ba _{3.75} Nd _{9.5} Cr _{0.25} Nb _{0.25} Ti _{17.5} O ₅₄)x ceramics. <i>Journal of the American Ceramic Society</i> , 2017, 100, 4058-4065.	3.3	10
8	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
9	A Temperature-Insensitive Ba _{3.75} Nd _{9.5} Ti _{17.5} (Cr _{0.5} Nb _{0.5}) _{0.5} O ₅₄ Microwave Dielectric Ceramic by Bi ³⁺ Substitution. <i>Journal of Electronic Materials</i> , 2017, 46, 1230-1234.	2.2	2
10	Microwave Dielectric Properties of Aluminum-Substituted Ba ₆ ³ Nd ₈₊₂ Ti ₁₈ O ₅₄ Ceramics. <i>International Journal of Applied Ceramic Technology</i> , 2016, 13, 564-568.	2.1	8
11	Dependence of microwave dielectric properties on site substitution in Ba _{3.75} Nd _{9.5} Ti ₁₈ O ₅₄ ceramic. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 10951-10957.	2.2	14
12	Microwave dielectric properties and microstructure of Ba _{6-3x} Nd _{8+2x} Ti _{18-y} (Cr _{1/2} Nb _{1/2}) _y O ₅₄ ceramics. <i>Journal of Alloys and Compounds</i> , 2015, 646, 512-516.	5.5	41
13	Effects of B-site Substitution on Microwave Dielectric Properties of Ba ₆ ³ Nd ₈₊₂ [Ti _{18-z} (Ni _{1/3} Nb _{2/3}) _z] ₁₈ O ₅₄ Ceramics. <i>International Journal of Applied Ceramic Technology</i> , 2015, 12, F170.	2.1	7
14	Aluminum substitution for titanium in Ba _{3.75} Nd _{9.5} Ti ₁₈ O ₅₄ microwave dielectric ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 405-410.	2.2	37
15	Microstructure and Microwave Dielectric Properties of Ba _{3.75} Nd _{9.5} Ti _{18-z} (Mg _{1/3} Nb _{2/3}) _z O ₅₄ Ceramics. <i>Journal of Electronic Materials</i> , 2015, 44, 1081-1087.	2.2	21
16	Microwave dielectric properties of bismuth-substituted Ba _{3.75} Nd _{9.5} Ti ₁₇ Al _{4/3} O ₅₄ ceramics. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 121, 283-287.	2.3	8
17	Relationships between Sn substitution for Ti and microwave dielectric properties of Mg ₂ (Ti _{1-x} Sn _x) ₄ O ₄ ceramics system. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 571-577.	2.2	21