

# He-Tuo Chen

## List of Publications by Year in descending order

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17  
papers

266  
citations

1040056

9  
h-index

940533

16  
g-index

17  
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17  
docs citations

17  
times ranked

166  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave dielectric properties and microstructure of $Ba_{6-x}Nd_{8+2x}Ti_{18-y}(Cr_{1/2}Nb_{1/2})_yO_{54}$ ceramics. <i>Journal of Alloys and Compounds</i> , 2015, 646, 512-516.	5.5	41
2	Dielectric resonator antenna with $Y_3Al_5O_{12}$ transparent dielectric ceramics for 5G millimeter-wave applications. <i>Journal of the American Ceramic Society</i> , 2021, 104, 4659-4668.	3.8	41
3	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
4	Microstructure and Microwave Dielectric Properties of $Ba_{3.75}Nd_{9.5}Ti_{18-z}(Mg_{1/3}Nb_{2/3})_zO_{54}$ Ceramics. <i>Journal of Electronic Materials</i> , 2015, 44, 1081-1087.	2.2	21
5	Relationships between Sn substitution for Ti and microwave dielectric properties of $Mg_2(Ti_{1-x}Sn_x)O_4$ ceramics system. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 571-577.	2.2	21
6	Microwave dielectric properties of $(La_x)(Ba_{3.75-x}Nd_{9.5-x}Cr_{0.25}Nb_{0.25}Ti_{17.5}O_{54})_z$ ceramics. <i>Journal of the American Ceramic Society</i> , 2017, 100, 4058-4065.	2.2	17
7	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
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	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
10	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
11	Microwave dielectric properties of bismuth-substituted $Ba_{3.75}Nd_{9.5}Ti_{17}Al_3O_{54}$ ceramics. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 121, 283-287.	2.3	8
12	Microwave Dielectric Properties of Aluminum-Substituted $Ba_{6-x}Nd_{8+2x}Ti_{18}O_{54}$ Ceramics. <i>International Journal of Applied Ceramic Technology</i> , 2016, 13, 564-568.	2.1	8
13	Effects of Site Substitution on Microwave Dielectric Properties of $Ba_{6-x}Nd_{8+2x}[Ti_{1-z}(Ni_{1/3}Nb_{2/3})_z]_{18}O_{54}$ Ceramics. <i>International Journal of Applied Ceramic Technology</i> , 2015, 12, F170.	2.1	7
14	The observation and prediction of constant quality factors of $LnAlO_3$ doped $Ba_{6-3Ln}Nd_{8+2Ti}O_{54}$ ( $Ln = Tj, ET, Qq, O, Q, rg, BT, Q, overlock$ )	4.8	7
15	Co-effects of $Nb_2O_5$ and stoichiometric deviations on the microwave dielectric properties of $Y_3Al_5O_{12}$ . <i>Ceramics International</i> , 2022, 48, 18651-18657.	4.8	7
16	A new niobate-based $CaO_2CuO_2Nb_2O_5$ microwave dielectric ceramic composite for LTCC applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 4533-4537.	2.2	5
17	A Temperature-Insensitive $Ba_{3.75}Nd_{9.5}Ti_{17.5}(Cr_{0.5}Nb_{0.5})_0.5O_{54}$ Microwave Dielectric Ceramic by $Bi^{3+}$ Substitution. <i>Journal of Electronic Materials</i> , 2017, 46, 1230-1234.	2.2	2