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Sintering characteristics and microwave dielectric properties of $0.5\text{Ca}_{0.6}\text{La}_{0.267}\text{TiO}_3\text{-}0.5\text{Ca}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ ceramics prepared by reaction-sintering process

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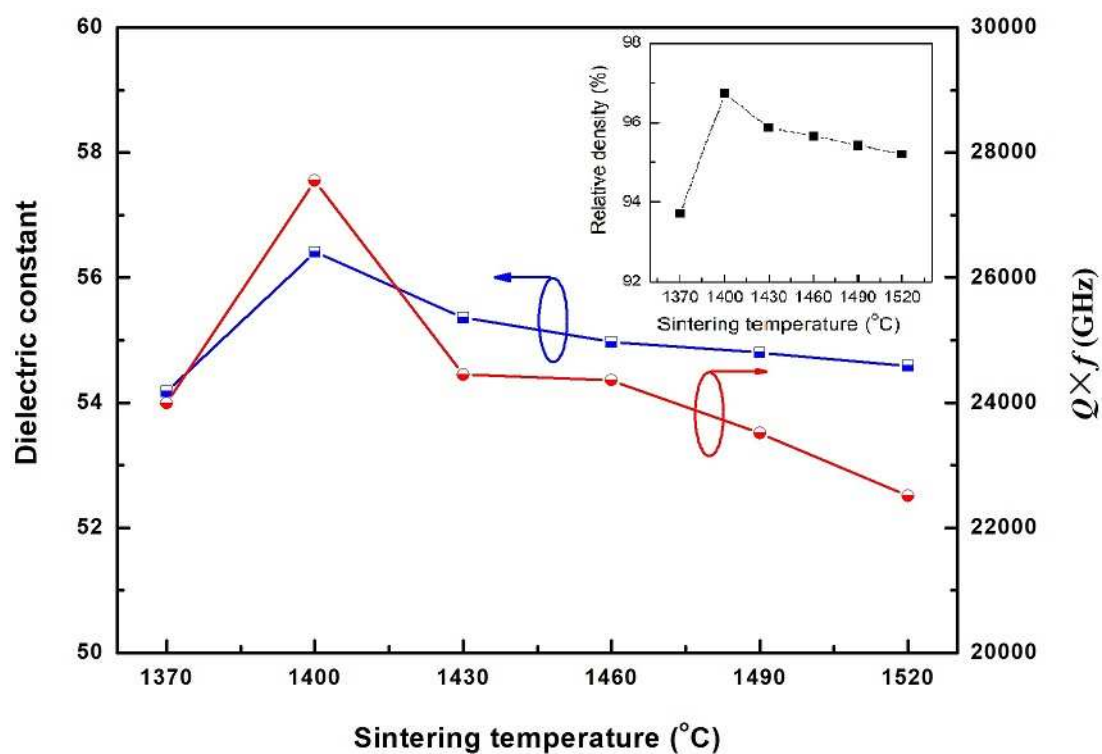
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$0.5\text{Ca}_{0.6}\text{La}_{0.267}\text{TiO}_3\text{-}0.5\text{Ca}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ ceramics were successfully prepared by a reaction-sintering process. Fine microwave dielectric properties of $\epsilon_r = 56.4$, $Q \times f = 48550$ GHz and $\tau_f = +8.7$ ppm/°C for 5CLT-5CMN ceramics with high density sintered at 1400 °C for 4 h were obtained.

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