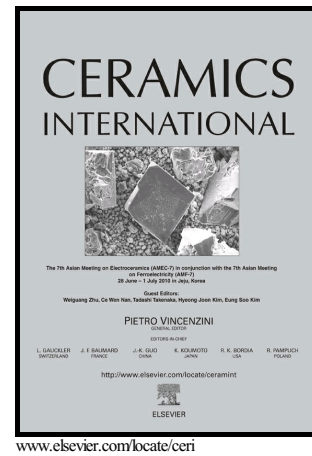


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Enhanced temperature-stability in tunable dielectric properties of $(1-x)$ $(\text{K}_{0.49}\text{Na}_{0.49}\text{Li}_{0.02})(\text{Nb}_{0.8}\text{Ta}_{0.2})\text{O}_3-x\text{CaZrO}_3$ ceramics

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Enhanced temperature-stability in tunable dielectric properties of**(1-x) (K_{0.49}Na_{0.49}Li_{0.02})(Nb_{0.8}Ta_{0.2})O_{3-x}CaZrO₃ ceramics**

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ABSTRACT: (1-x)(K_{0.49}Na_{0.49}Li_{0.02})(Nb_{0.8}Ta_{0.2})O_{3-x}CaZrO₃ (x = 0, 0.025, 0.05 and 0.075, abbreviated as KNLNT-1000xCZ) ceramics were prepared by a solid state method. The correlations between phase constitution, domain configuration and tunable dielectric properties are investigated. Due to the combined effects of multi-phase coexisting and nanoscaled domain, KNLNT-50CZ has a high dielectric

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