Electronic Supplementary Information

Piezoelectric properties of individual nanocrystallites of $Ba_{0.85}Ca_{0.15}Zr_{0.1}Ti_{0.9}O_3$ obtained by Oxalate precursor route.

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Table S1: Fitted profile parameters of BCZT nanocrystallites heat treated at 800˚C and 1000˚C/5h.

	Crystal system	Cell parameters (Å)	Volume (Å^3)	Volume Fraction (%)	Goodness of fit (GOF)	Rp (%)	wRp (%)
BCZT nanocrystalline powder (heat-treated at 800°C/5h)	**Cubic (P*m-3m*)**	a=b=c =4.0097	64.5	50	1.37	3.21	4.08
	Tetragonal (P*4mm)*	a =b=3.9960 c= 4.0221	64.2	49.8			
BCZT nanocrystalline powder (heat-treated at 1000°C/5h)	**Cubic (P*m-3m*)**	a=b=c=4.0027	64.1	49.4	1.25	4.53	5.94
	Tetragonal (P*4mm*)	a =b=4.0158 c= 4.0687	65.6	51			

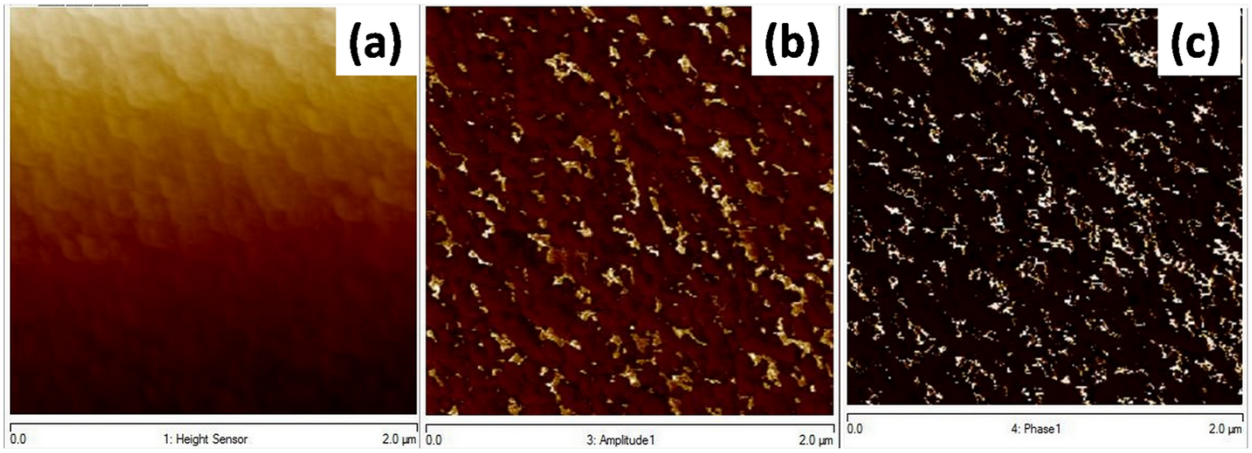

Fig. S1 (a) Topographical image and (b & c) its corresponding amplitude and phase response image of BCZT nanocrystalline powder heat treated at 1000°C/5h.

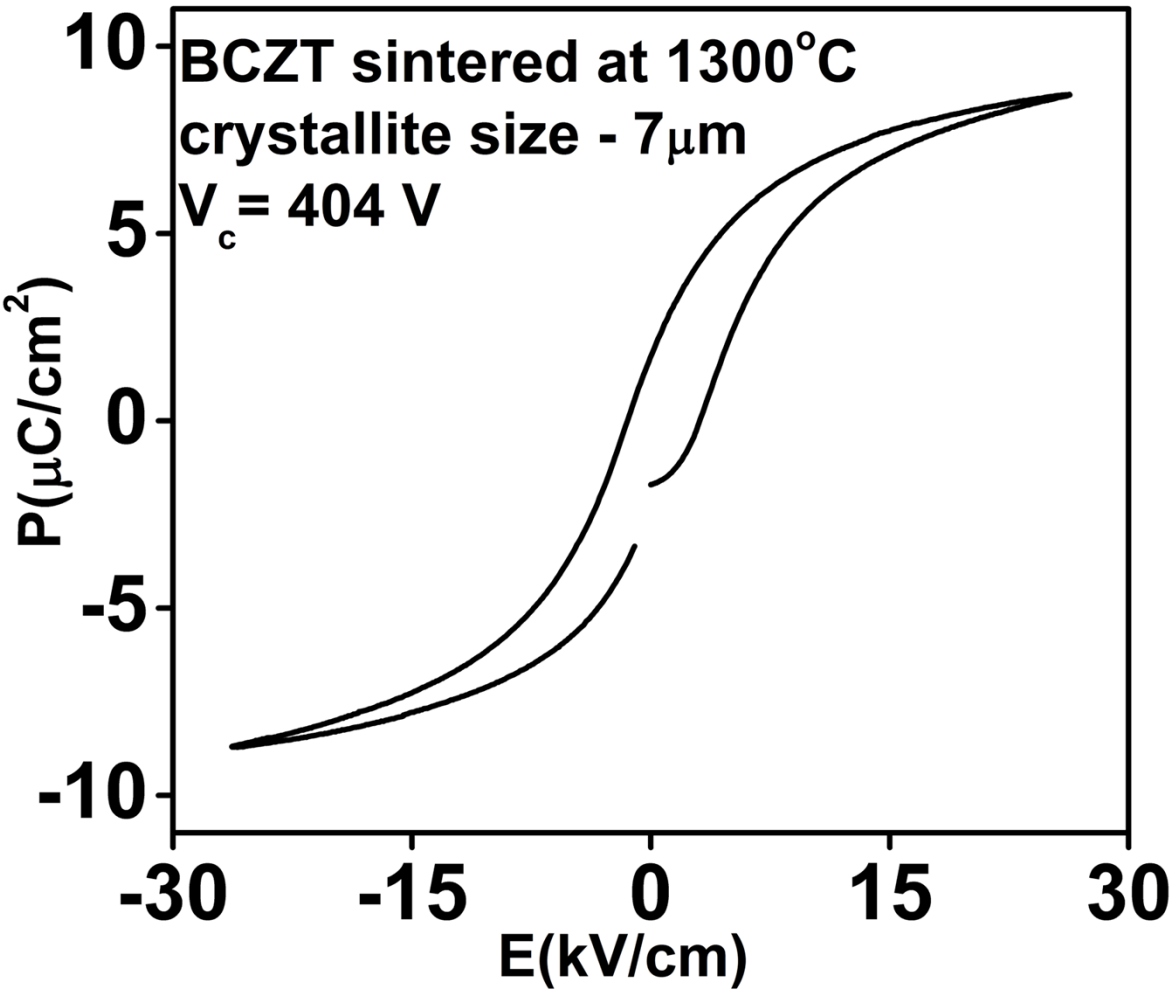

Fig. S2 Polarization versus Electric field (P-E) loop for BCZT ceramic sintered at 1300°C