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ABBREVIATIONS AND SYMBOLS

A	Area of disc face
AAS	Atomic Absorption Spectrometry
AFE	Antiferroelectric
AFE _{ortho}	Antiferroelectric and orthorhombic phase
D	Thickness
DTA	Differential Thermal Analysis
FE	Ferroelectric
FE _{tet}	Ferroelectric and tetragonal phase
FE _{thom}	Ferroelectric and rhombohedral phase
HP	Hydrothermal Process
JCPDS	Joint Committee for Powder Diffraction Standards
K _p	Electromechanical Coupling Coefficient
MPB	Morphotropic Phase Boundary
NS	Nitrate Solutions
PE	Paraelectric
PLZT	Lead Lanthanum Zirconate Titanate
PMN	Lead Magnesium Niobate
PT	Lead Titanate
PZ	Lead Zirconate
PZT	Lead Zirconate Titanate
Q _m	Resonance Frequency
S _d	Linear shrinkage

SEM	Scanning Electron Microscope
T_c	Curie Temperature
TEM	Transmission Electron Microscope
TGA	Thermogravimetric Analysis
Ti	Titanium
XRD	X-ray Diffraction
ϵ_r	Dielectric Constant
$\tan \delta$	Dielectric loss factor
Zr	Zirconium