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ABBREVIATIONS AND SYMBOLS

Å	Angstrom
AFE	Antiferroelectric
a.u.	Arbitary Unit
Bi	Bismuth
BLNT	Bismuth lanthanum sodium titanate
BNT	Bismuth sodium titanate
C_{eq}	Solubility
$C_p{}^o$	Heat Capacity
^oC	Degree Celcius
FE	Ferroelectric
h	Hours
JCPDS	Joint Committee for Powder Diffraction Standards
kV	Kilovoltage
K_p	Electromechanical Coupling Coefficient
La	Lanthanum
M	Molar
mA	Milliampere
min	minute
mm	Millimeter
Mpa	Magapascal
MPB	Morphotropic Phase Boundary
nm	Nanometer

nm^3	Volume nanometer
O	Oxygen
PE	Paraelectric
PLZT	Lead Lanthanum Zirconate Titanate
PMN	Lead Magnesium Niobate
S^o	Absolute Entropy at a Reference Temperature
SEM	Scanning Electron Microscope
T	Temperature
T_c	Curie Temperature
Ti	Titanium
V^o	Partial molar Volume
XRD	X-ray Diffraction
ε_{max}	Maximum of dielectric permitivity
ε_r	Dielectric Constant
$\Delta G_f{}^o$	Standard Gibbs Energy
$\Delta H_f{}^o$	Enthapy of Formation
μm	Micrometer
%	Percentage