

LIST OF ABBREVIATIONS

<i>Abbreviations</i>	<i>Compound</i>
AgI	Silver iodide
Ag ⁺	Silver ion
CuI	Copper (I) iodide
Cu ⁺	Copper ion
Li ⁺	Lithium ion
Na ⁺	Sodium ion
K ⁺	Potassium ion
F ⁻	Fluorine ion
Cl ⁻	Chlorine ion
Br ⁻	Bromine ion
I ⁻	Iodine ion
O ²⁻	Oxide ion
β-AgI	Beta-phase silver iodide
α-AgI	Alpha-phase silver iodide
γ-AgI	Gamma-phase silver iodide
α-CuI	Alpha-phase copper (I) iodide
σ _{dc}	d.c conductivity
σ _{ac}	a.c conductivity
EIS	Electrical impedance spectroscopy
CPE	Constant phase element
Z _i	Imaginary part impedance

Z_r	Real part impedance
R_b	Bulk resistance
R_{gb}	Grain boundary resistance
wt %	Weight percentage
ω_p	Ion hopping frequency
ϵ_i	Dielectric loss
ϵ_0	Vacuum permittivity
ϵ_r	Dielectric constant
s	Fractional exponent
M_r	Real part of modulus
M_i	Imaginary part of modulus
$\tan \delta$	Loss tangent
τ	Relaxation time
XRD	X-ray diffraction