

LIST OF SYMBOLS AND ABBREVIATIONS

SOFC	=	Solid Oxide Fuel Cells
HT-SOFC	=	High Temperature Solid Oxide Fuel cells
IT-SOFC	=	Intermediate Temperature Solid Oxide Fuel Cells
LT-SOFC	=	Low Temperature Solid Oxide Fuel Cells
LC	=	Lanthanum Chromite
LGC	=	Gadolinium doped Lanthanum Chromite
SNM	=	Strontium Nickel Molybdate ($\text{Sr}_2\text{NiMoO}_6$)
SLNM	=	Lanthanum doped Strontium Nickel Molybdate ($\text{Sr}_2\text{NiMoO}_6$)
SCNM	=	Cerium doped Strontium Nickel Molybdate ($\text{Sr}_2\text{NiMoO}_6$)
SSNM	=	Samarium doped Strontium Nickel Molybdate ($\text{Sr}_2\text{NiMoO}_6$)
PVA	=	Poly Vinyl Alcohol
XRD	=	X- Ray diffraction
SEM	=	Scanning Electron Microscope
TEC	=	Thermal Expansion Coefficients
EIS	=	Electrochemical Impedance Spectroscopy
FTIR	=	Fourier Transformed Infrared Spectroscopy
XPS	=	X-ray Photoelectron Spectroscopy
DSC/TGA	=	Differential scanning calorimetric/Thermo Gravimetric Analysis

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