

List of Abbreviations

<i>Abbreviation</i>	<i>Full form</i>
ac	Alternate Current
AFM	Atomic Force Microscopy
AM	Air Mass
CBM	Conduction Band Minima
cm	Centimeter
CIGS	Copper Indium Gallium Selenide
DI	Deionized
DRA	Diffuse Reflectance Accesory
DSSCs	Dye Sensitized Solar Cells
EDS	Energy Dispersive X-Ray Spectroscopy
ETM	Electron Transport Material
eV	Electron Volt
FTIR	Fourier Transform Infrared Spectrometer
FTO	Florine Doped Tin Oxide
g	Gram
HIT	Heterojunction With Intrinsic Thin Layer
HTM	Hole Transport Material
HR-TEM	High Resolution Transmission Electron Microscopy
Hz	Hertz
kHz	Kilo Hertz
IR	Infra-Red
M	Molar
mA	Milliampere
mmol	Millimol
ml	Milliliter
ms	Millisecond
mV	Millivolt
mW	Milliwatt
NAC	N - Acetyl cysteine
NREL	National Renewable Energy Laboratory
nm	Nano Meter
PV	Photovoltaic
PTFE	Polytetrafluoroethylene
QDs	Quantum Dots
QDSC	Quantum Dot Solar Cell
QDSSCs	Quantum Dot sensitized Solar Cells
R_q	Root Mean Square Roughness
RIR	Reference Intensity Ratio
SEM	Scanning Electron Microscopy
SILAR	Successive Ionic Layer Adsorption and Reaction
UV-Vis	Ultraviolet Visible
V	Volt
XRD	X-Ray Diffraction
ZTO	Zinc Titanate
μm	Micro Meter
ZTO	Zinc Titanate

