

Abbreviations

STM	Scanning Tunnelling Microscopy
SPR	Surface Plasmon Resonance
UV	Ultra Violet
XRD	X-ray diffraction
PL	photoluminescence
SPP	surface plasmon polaritons
PVD	Physical vapor deposition
FESEM	Field Emission Scanning Electron Microscopy
TEM	Transmission Electron Microscopy
FTIR	Fourier Transform Infrared
I-V	Current- Voltage
rpm	rotation per minute
ITO	Indium tin oxide
mM	Mili mole
PVA	Polyvinyl alcohol