

List of Abbreviations

<i>Abbreviation</i>	<i>Full form</i>
AFM	Atomic Force Microscopy
Ag	Silver
Al	Aluminum
CRT	Cathode Ray Tube
CTC	Charge Transfer Complex
DDQ	2,3-dichloro-5,6-dicyano-p-benzoquinone
DI	De-ionized Water
DRAM	Dynamic Random Access Memory
EDX	Energy Dispersive X-Ray Spectroscopy
EEPROM	Electrically Erasable Programmable Read Only Memory
EPROM	Erasable Programmable Read Only Memory
GaAs	Gallium Arsenide
GPIO	General Purpose Interface Bus
HCl	Hydrochloric Acid
HDD	Hard Disk Drive
HOMO	Highest Occupied Molecular Orbit
IPA	Isopropyl Alcohol
IR	Infrared
ITO	Indium Tin Oxide
LB	Langmuir Blodgett deposition system
LUMO	Lowest Unoccupied Molecular Orbit
MIM	Metal Insulator Metal
MOS	Metal Oxide Semiconductor (Capacitor or Transistor)
NP	Nanoparticles
OFET	Organic Field Effect Transistor
OLED	Organic Light Emitting Diode
PROM	Programmable Read Only Memory
PSPD	Position Sensitive Photodetector
PVD	Physical Vapor Deposition
PVP	poly(4-vinyl phenol)
RAM	Random Access Memory
RF	Radio Frequency
ROM	Read Only Memory
RPM	Rotations Per Minute
SAM	Self-Assembled Monolayer
SEM	Scanning Electron Microscope
USB	Universal Serial Bus
UV	Ultra-violet

