

List of Abbreviations

<i>Abbreviations</i>	<i>Names</i>
AB	: Alamar Blue
BE	: Binding Energy
CT scan	: Computerized Tomography scan
EDX	: Energy Dispersive X-ray Spectroscopy
fcc	: Face Centered Cubic
FC	: Field cooled
FI	: Fluorescence Imaging
fct	: Face Centered Tetragonal
FTIR	: Fourier Transform Infrared Spectroscopy
FWHM	: Full Width Half Maxima
GSH	: Glutathione
HR-TEM	: High Resolution Transmission Electron Microscope
ICP	: Inductively Coupled Plasma
IO	: Iron Oxide
JCPDS	: Joint Committee on Powder Diffraction Standards
MNPs	: Magnetic Nanoparticles
MRI	: Magnetic Resonance Imaging
NC size	: Nanocrystal size
NPs	: Nanoparticles
PPMS	: Physical Property Measurement System
PBS	: Phosphate Buffer Saline
PET	: Positron Emission Tomography
PL	: Photoluminescence
QD	: Quantum Dot
QY	: Quantum Yield

SAED	: Selected Area Electron Diffraction
SPION	: Superparamagnetic Iron Oxide Nanoparticles
TEM	: Transmission Electron Microscope
TGA	: Thioglycolic Acid
TG	: Thermogravimetric
THF	: Tetrahydrofuran
TMAOH	: Tetramethyl Ammonium Hydroxide
TRPL	: Time-Resolved Photoluminescence
UV-Vis	: Ultra-Violet Visible
XPS	: X-ray Photoelectron Spectroscopy
XRD	: X-ray Diffraction
ZFC	: Zero-Field Cooled