List of Abbreviations

NPs	Nanoparticles
NCs	Nanocrystals
FWHM	Full Width at Half Maximum
XRD	X-ray powder diffraction
HRTEM	High-resolution transmission electron Microscopy
SAED	Selected Area Electron Diffraction
FESEM	Field emission scanning electron Microscopy
EDS	Energy dispersive x-ray spectroscopy
FTIR	Fourier Transform Infrared
TLC	Thin-layer chromatography

*Other abbreviations and symbols are explained in the text.