

List of Abbreviations:

NHC	<i>N</i> -Heterocyclic Carbene
NMP	<i>N</i> -Methyl-2-pyrrolidone
NMR	Nuclear Magnetic Resonance
NP	Nano Particle
PEG	Polyethylene Glycol
ppm	parts per million
PPR	Pomegranate Peel Residue
rt	Room temperature
rGO	reduced Graphene Oxide
SAED	Selected Area Electron Diffraction
SEM	Scanning Electron Microscopy
<i>t</i> Bu	tertiary Butyl
<i>t</i> -Bu-pip-phos	(di- <i>tert</i> -Butylphosphino)- <i>N,N</i> -dimethylpiperidinium chloride
<i>t</i> -Bu Amphos	(2-di- <i>t</i> -Butylphosphinoethyl)trimethylammonium chloride
TEM	Transmission Electron Microscope
THF	Tetrahydrofuran
TLC	Thin Layer Chromatography
TMS	Tetramethylsilane
TPPTS	Tris(3-sulfophenyl)phosphine trisodiumsalt
TXPTS	Tri(4,6-dimethyl-3-sulfonatophenyl)phosphine trisodium salt
UV/VIS	Ultraviolet–Visible
WEB	Water Extract of Banana Peel Ash
WERSA	Water Extract of Rice Straw Ash
WEPBA	Water extract of Papaya Bark ash
W	Watt
XPS	X-ray Photoelectron Spectroscopy