

LIST OF SYMBOLS & ABBREVIATIONS

NPs	Nanoparticles
MNPs	Metal Nanoparticles
NMNPs	Noble Metal Nanoparticles
BMNPs	Bimetallic Nanoparticles
AgNPs	Silver Nanoparticles
SPR	Surface Plasmon resonance
PdNPs	Palladium Nanoparticles
AuNPs	Gold Nanoparticles
TEM	Transmission electron microscopy
SAED	Selected area electron diffraction
AgNO₃	Silver nitrate
K₂PdCl₄	Potassium tetrachloropalladate
HAuCl₄	Tetrachloroaurate
PdCl₂	Palladium chloride
FcCOOH	Ferrocenemonocarboxylic acid
PB	Prussian blue
PBNPs	Prussian blue nanoparticles
H₂O₂	Hydrogen Peroxide
3-APTMS	3-Aminopropyltrimethoxysilane
GPTMS	3-Glycidoxypropyltrimethoxysilane
Au-Ag	Gold-Silver
Au-Pd	Gold-Palladium
THF-HPO	Tetrahydrofuran hydroperoxide
CV	Cyclic voltammetry
AA	Ascorbic Acid
K_m	Michaelis constant
V_{max}	Maximal reaction velocity
λ_{max}	Absorption maxima