

LIST OF ABBREVIATIONS

IL	:	Intra-ligand
FT-IR	:	Fourier transform infrared
UV-Vis	:	UV Visible
XRD	:	X-ray diffraction
XPS	:	X-ray photoelectron spectroscopy
FE-SEM	:	Field emission scanning electronmicroscopy
SAED	:	Selected area electron diffraction pattern
TEM	:	Transmission electron microscopy
NMR	:	Nuclear magnetic resonance
TGA	:	Thermogravimetric analysis
DTA	:	Differential thermal analysis
CV	:	Cyclic voltammetry
DPV	:	Differential pulse voltammetry
LOD	:	Limit of detection
S/N	:	Signal to noise ratio
R ²	:	Regression value
DMTD	:	2,5-Dimercapto-1,3,4-thiadiazole
AMT	:	2-Amino-5-mercapto-1,3,4-thiadiazole
PBS	:	Phosphate buffer solution
h	:	Hour(s)
Min	:	Minute(s)
DMF	:	Dimethylformamide
DMSO	:	Dimethyl sulfoxide
Ph	:	Phenyl

rt	:	Room temperature
TEMPO	:	[(2,2,6,6-tetramethylpiperidin-1-yl)oxyl]
CP	:	Coordination polymer
NPCP	:	Nanoporous coordination polymer
NCCP	:	Nanocrystalline coordination polymer
°C	:	Degree celcius
EtOH	:	Ethanol
E _a	:	Activation energy
v	:	Scan rate
V	:	Volt
CPE	:	Carbon paste electrode
RS	:	Resorcinol
CFX	:	Ciprofloxacin hydrochloride
i _p	:	Anodic peak current
A	:	Electroactive surface area
D	:	Diffusion constant
C	:	Concentration
R	:	Gas constant
T	:	Temperature
eV	:	Electron volt
Equiv.	:	Equivalent
M	:	mole
W	:	Watt
J	:	Jule
K	:	Kelvin
F	:	Faraday constant

atm	:	Atmosphere
nm	:	nanometer
MHz	:	Megahertz
sec	:	Second
μA	:	Microampere
Aq.	:	aqueous
LMCT	:	Ligand to metal charge transfer
ee	:	Enantiomeric excess
GC	:	Glassy carbon
MLCT	:	Metal to ligand charge transfer
y	:	Year