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List of Abbreviations and Symbols

A	=	Area of electrode
Ag/AgCl	=	Silver/Silver chloride
A.R.	=	Analytical Reagent
cm ⁻¹	=	wavenumber
λ	=	wavelength
δ	=	chemical shift
CDCl ₃	=	deuteriochloroform
CPE	=	Carbon Paste Electrode
cur	=	curcumin
CV	=	Cyclic Voltammetry (Method), Cyclic Voltammogram
DMSO	=	dimethylsulfoxide
<i>d</i> ₆ -DMSO	=	hexadeutero-dimethyl sulfoxide
g	=	gram
GCE	=	Glassy carbon electrode
HMDE	=	Hanging mercury drop electrode
Hz	=	herzt
<i>i</i> _p	=	peak current
IR	=	Infrared
<i>J</i>	=	coupling constant
L	=	ligand
mg	=	milligram
mL	=	milliliter
nm	=	nanometer
MHz	=	Megahertz

List of Abbreviations and Symbols (Continued)

Pt	=	Platinum
ppm	=	part per million
NHE	=	Normal hydrogen electrode
NMR	=	Nuclear magnetic resonance
S	=	Standard deviation
SCE	=	Standard Calomel Electrode
TMS	=	tetramethylsilane
UV	=	Ultraviolet
XRF	=	X-ray fluorescence spectrometry