

ABBREVIATIONS

R_t	Charge transfer resistance
E_{pc}	Cathodic peak potential
i_{pc}	Cathodic peak current
E_{pa}	Anodic peak potential
i_{pa}	Anodic peak current
D_o	Diffusion coefficient
K_s	Standard heterogeneous rate constant
α_n	Transfer coefficient
μm	micrometer
mV	millivolts
mA	milliamperes
UV	Ultraviolet
SEM	Scanning electron microscope
XRD	X-ray diffraction
AFM	Atomic force microscope
Pt	Platinum
EDX	Energy dispersive X-ray detector
EIS	Electrochemical impedance spectroscopy
CV	Cyclic voltammetry