

atomic absorption spectroscopy	AAS
battery-electric vehicle	BEV
cathode electrolyte interphase	CEI
charge-coupled device	CCD
dimethyl carbonate	DEC
dimethyl carbonate	DMC
electric vehicles	EVs
energy dispersive X-ray spectroscopy	EDX
ethyl methyl carbonate	EMC
ethylene carbonate	EC
gas chromatography-mass spectrometry	GC-MS
glow discharge optical emission spectroscopy	GD-OES
graphite intercalations compounds	GIC
highly oriented pyrolytic graphite	HOPG
hybrid electric vehicles	HEV
inductively coupled plasma	ICP
inductively coupled plasma – mass spectrometry	ICP-MS
inductively coupled plasma – optical emission spectrometry	ICP-OES
inductively coupled plasma-atomic absorption spectroscopy	ICP-AAS
ion chromatography	IC
laser ablation- inductively coupled plasma – mass spectrometry	LA-ICP-MS
limit of detection	LOD
$\text{LiNi}_{0.33}\text{Co}_{0.33}\text{Mn}_{0.33}\text{O}_2$	NMC
lithium cobalt oxide	LCO
lithium metal oxide	$\text{LMO}_2$
microfocused X-ray absorption near-edge spectroscopy	$\mu$ -XANES
microfocused X-ray fluorescence	$\mu$ -XRF
organic (fluoro)phosphates	OPs
plug-in hybrid	PEV
propylene carbonate	PC
secondary ion mass spectrometry	SIMS
soft X-ray absorption spectroscopy	XAS
solid electrolyte interphase	SEI
solid-state detector	SSD
state of charge	SOC
state of health	SOH
total reflection X-ray fluorescence	TXRF
transition metal dissolution	TMD
X-ray absorption near-edge structure	XANES
X-ray diffraction	XRD
X-ray photoelectron spectroscopy	XPS