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LIST OF ABBREVIATIONS AND SYMBOLS

c	Speed of light
cm	Centimeter
°C	Degree Celsius
deg./min	Degree per minute
EDS	Energy dispersive spectroscopy
°F	Degree Fahrenheit
FTIR	Fourier-transform infrared spectrometer
g.mol ⁻¹	Gram per mol
h	Planks constant
K	Kelvin
keV	Kiloelectronvolt
kPa	Kilopascals
l	The wavelength of light
L	Liter
min	Minute
mL	Milliliter
mg/L	Milligram per liter
N ₂	Nitrogen gas
SEM	Scanning electron microscopy
SPM	Scanning probe microscopy
TGA	Thermal gravimetric analysis
WCA	Water contact angle
XPS	X-ray photoelectron spectroscopy
μL	Microliter
β	Beta
θ	Contact angle