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List of abbreviations

SMR	Steam methane reforming
MR	Membrane reformer
GC	Gas chromatography
PEMFC	Proton exchange membrane fuel cell
XRD	X-ray diffraction
BET	Brunauer-Emmett-Teller
SEM	Scanning electron microscope
EDS	Energy dispersive X-ray spectroscopy
TEM	Transmission electron microscope
XPS	X-ray photoelectron spectroscopy
FTIR	Fourier transform infrared spectroscopy