











	Photon In	Electron In
Electron Out	<i>Near-edge X-ray Absorption Fine Structure (NEXAFS):</i> <i>electron yield</i> 	Electron Energy Loss Spectroscopy (EELS)
	Extended Xray Absorption Fine Structure (EXAFS): <i>electron yield</i> 	
	Xray Photoelectron Spectroscopy (XPS) 	
Photon Out	<i>Soft X-ray Emission Spectroscopy (SXE)</i>  	<i>Inverse Photoelectron Spectroscopy (IPES)</i> 
	<i>Resonant Inelastic X-ray Spectroscopy (RIXS)</i>  	
	X-ray Excited Optical Luminescence (XEOL)  	
	<i>NEXAFS: fluorescence yield</i> 