



電化學實驗室

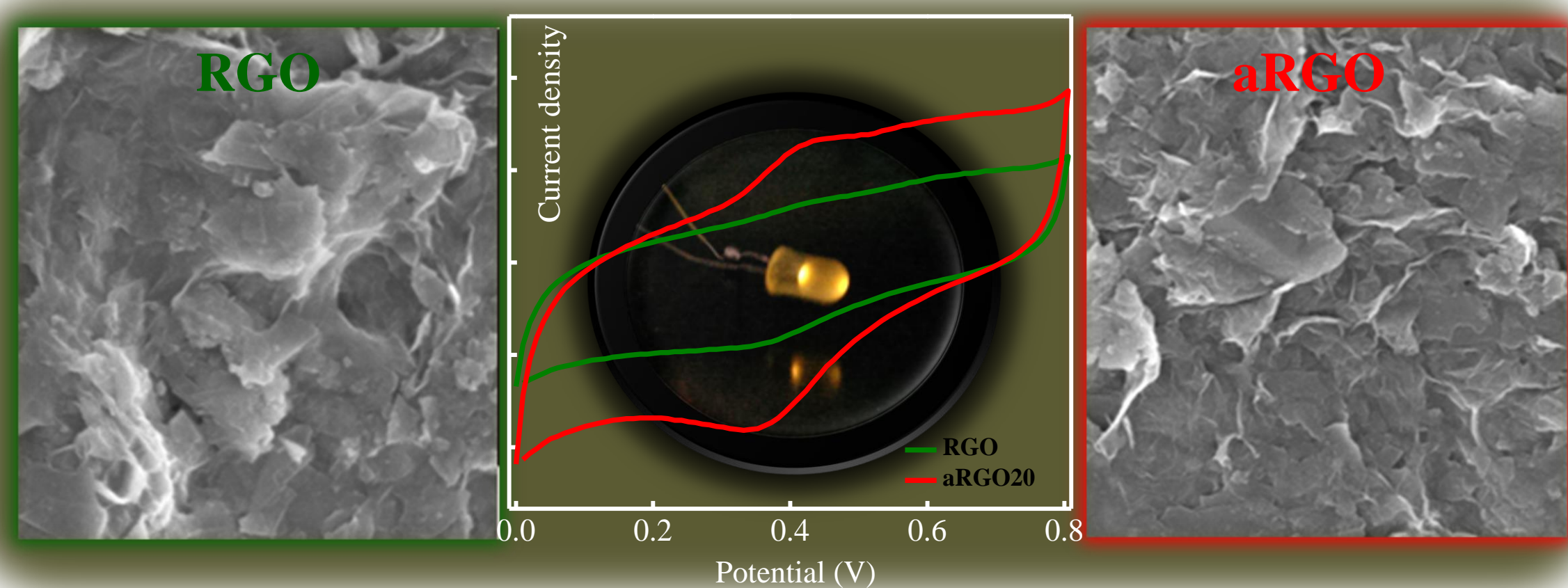
Electrochemical Laboratory

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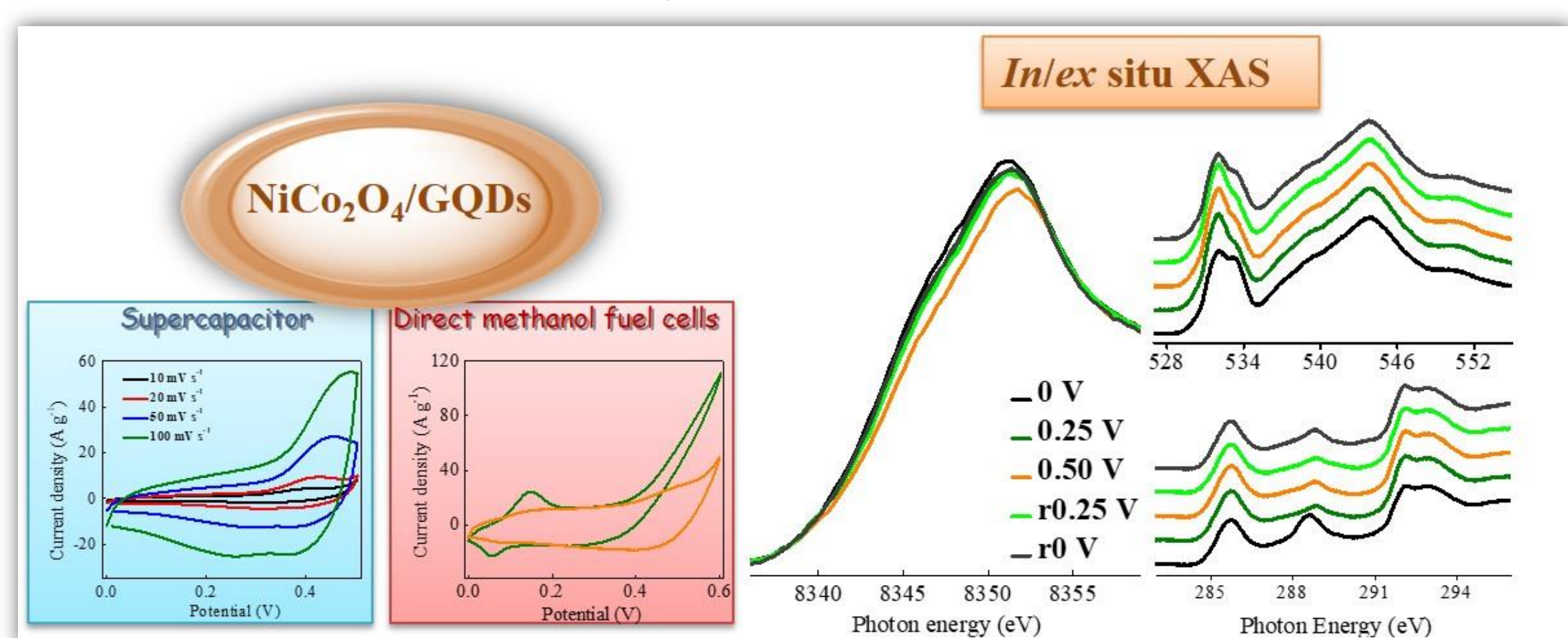
研究方向：電化學能源技術、電化學感測器、奈米材料與應用、同步輻射

電化學能源技術

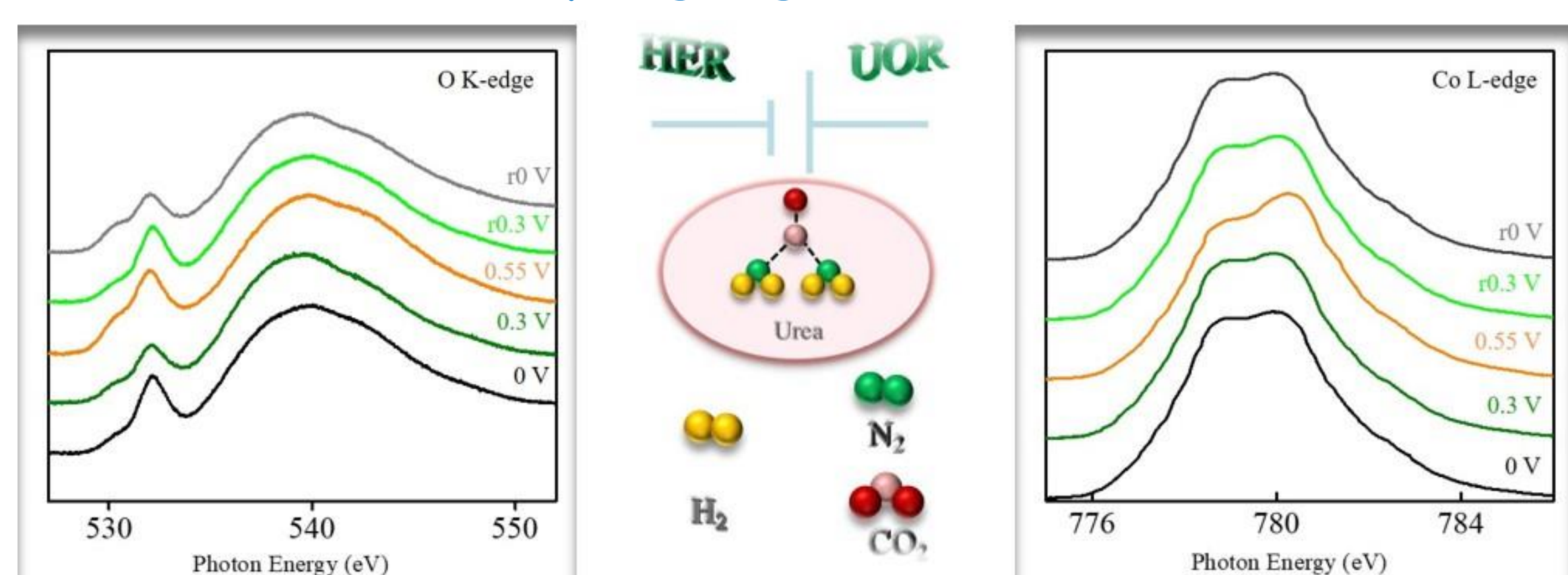
Supercapacitors



Fuel cells

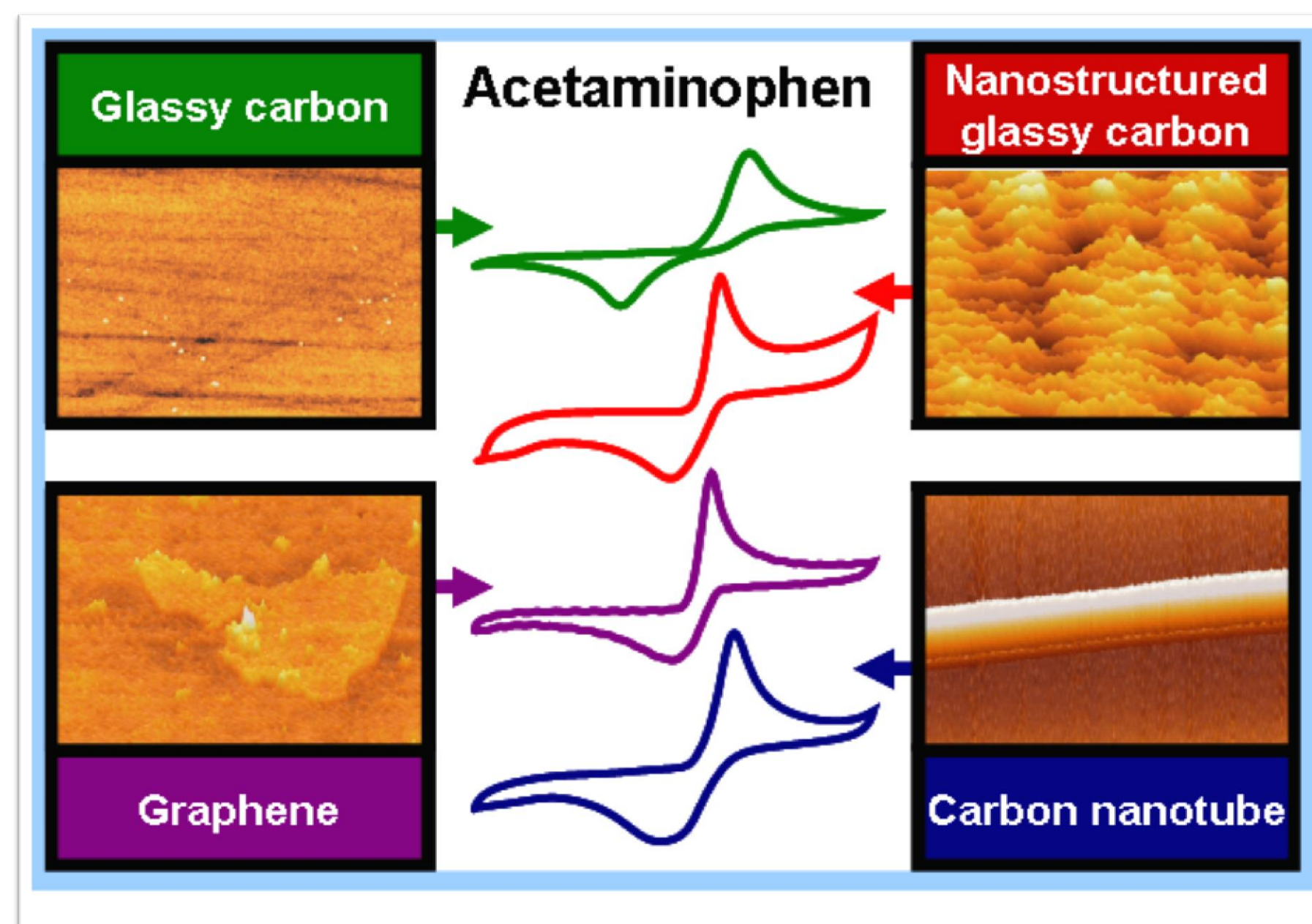


Hydrogen generation

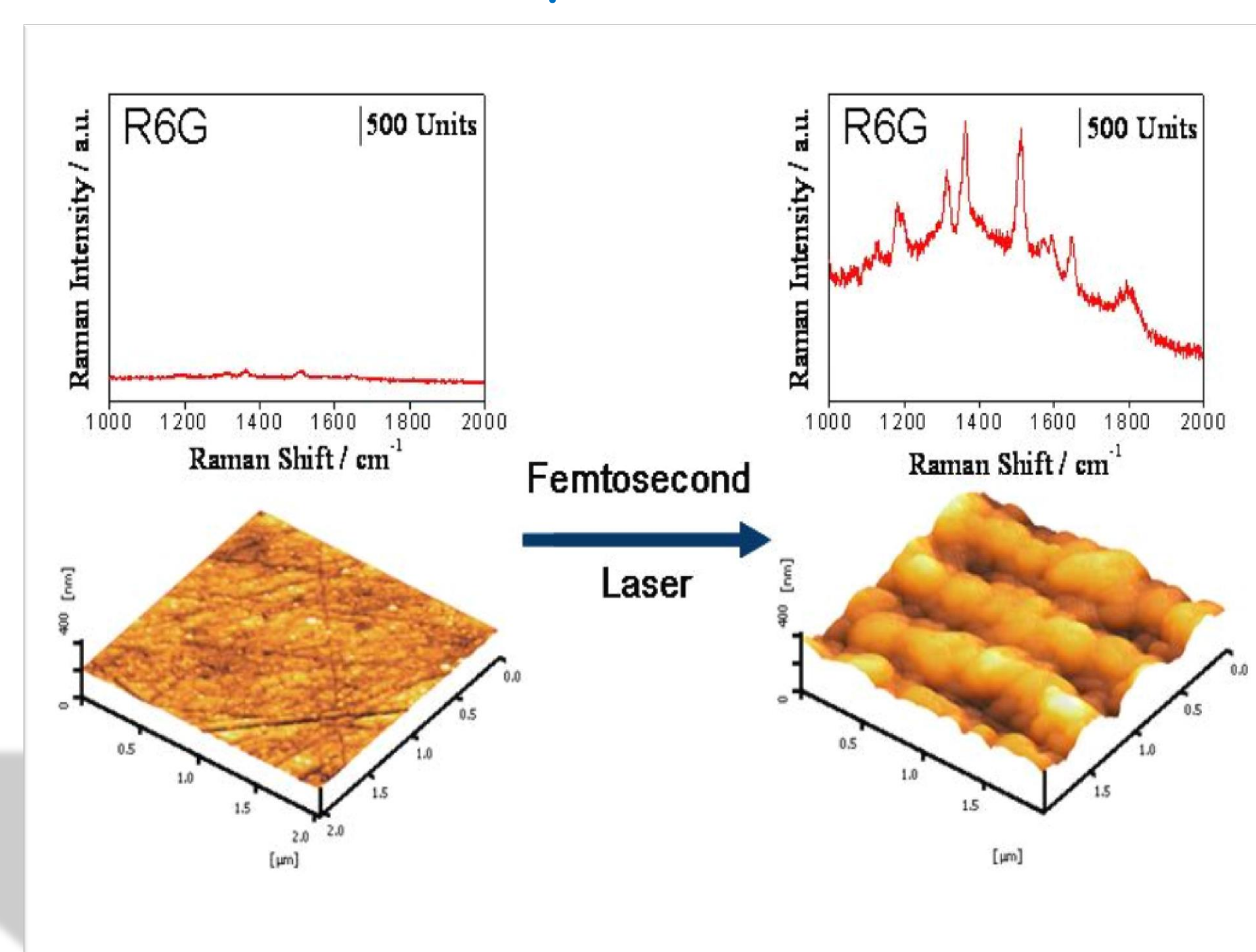


電化學感測器

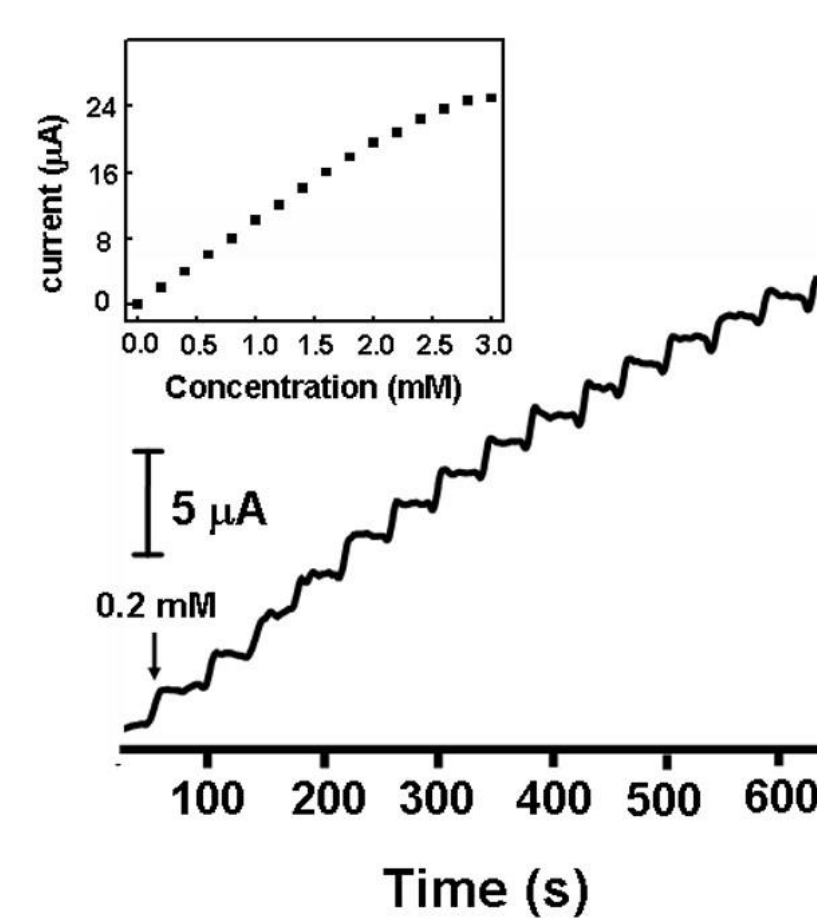
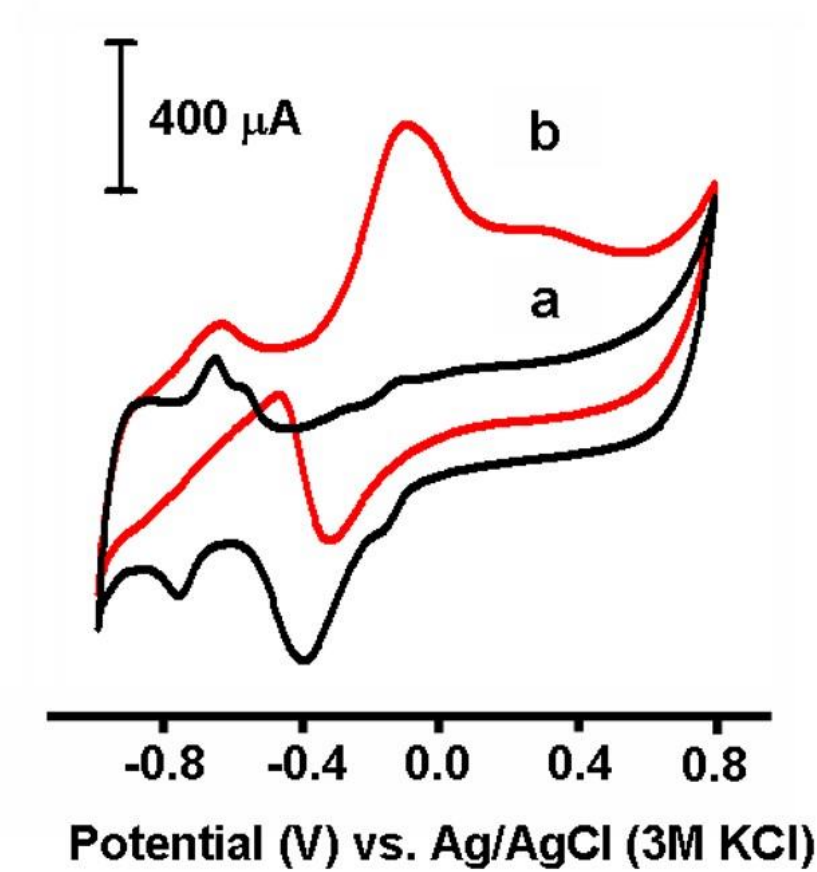
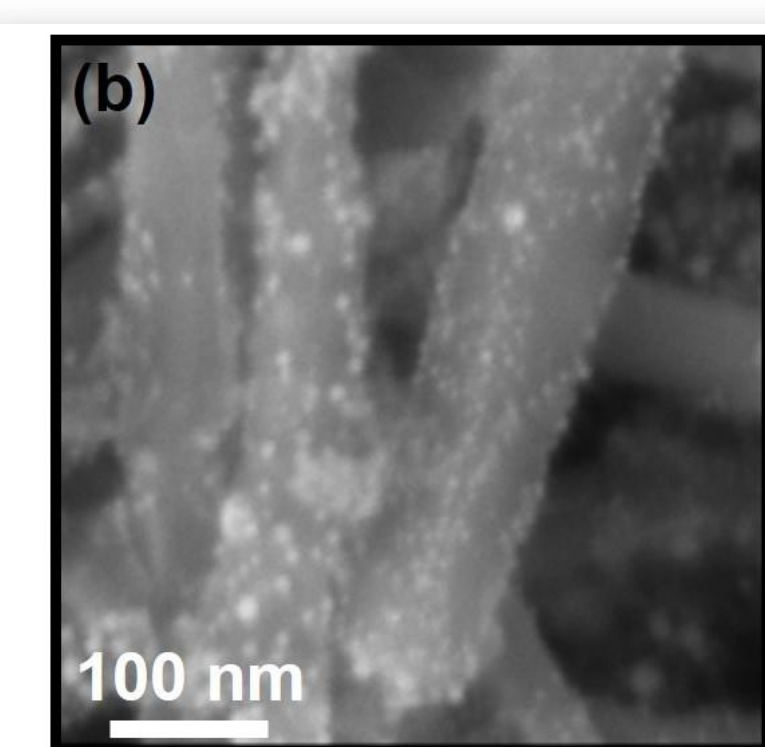
Chemical sensor



Optic sensor

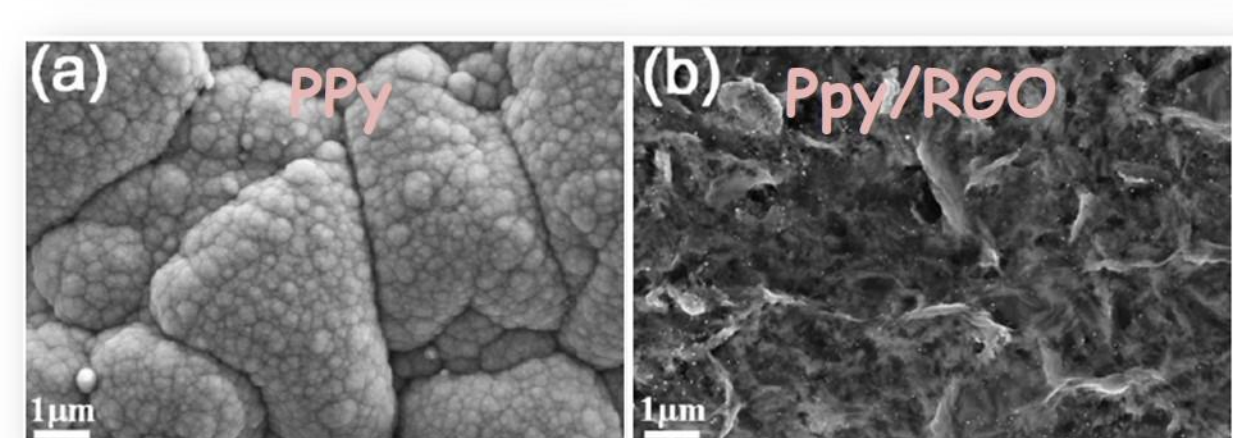
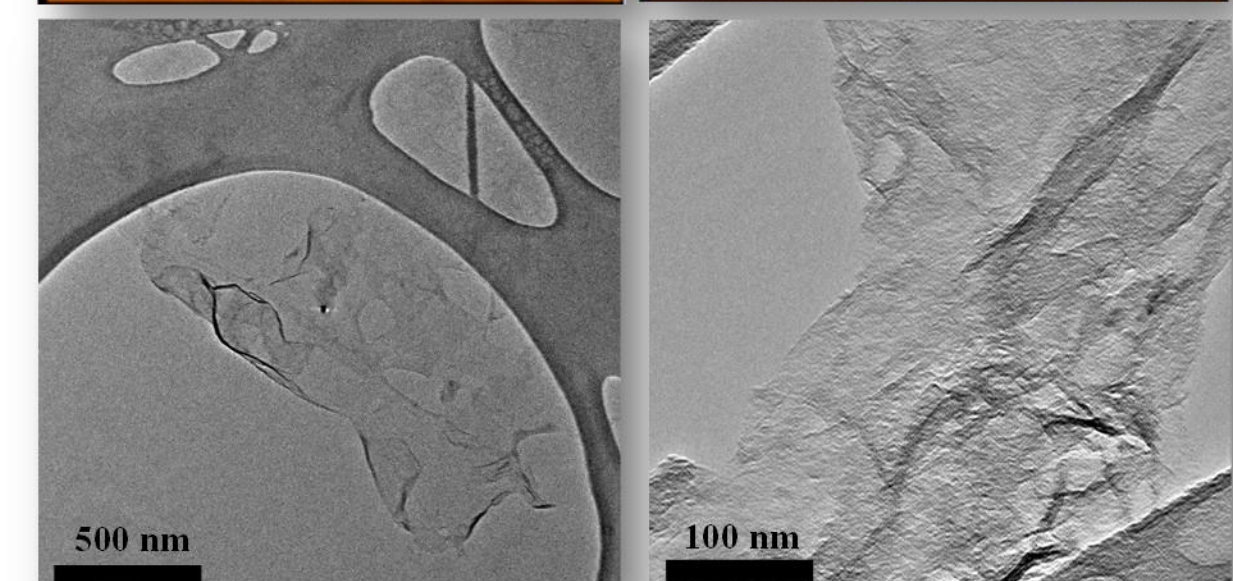
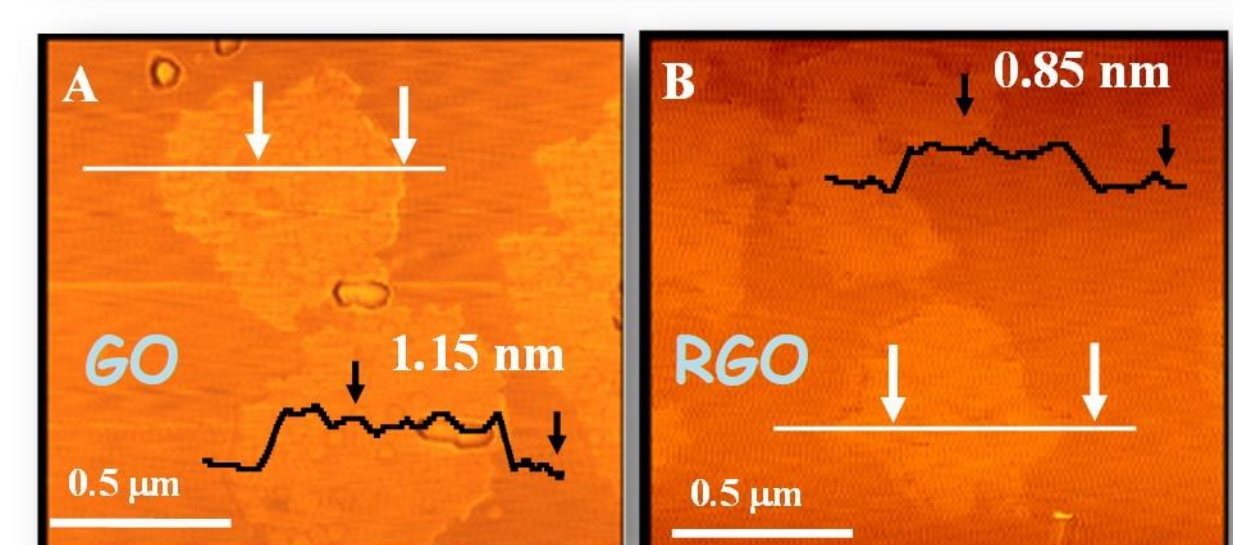
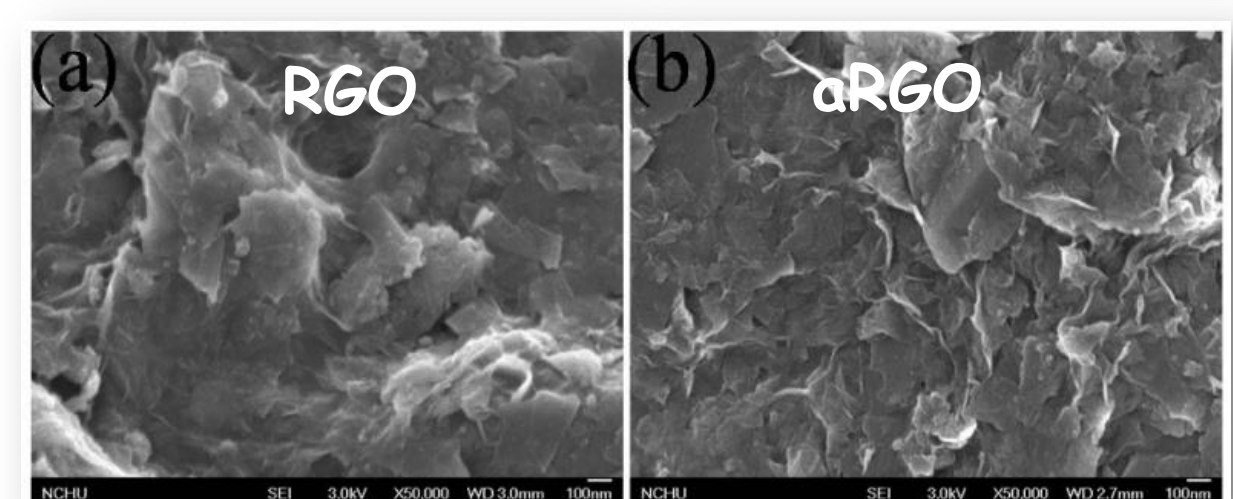
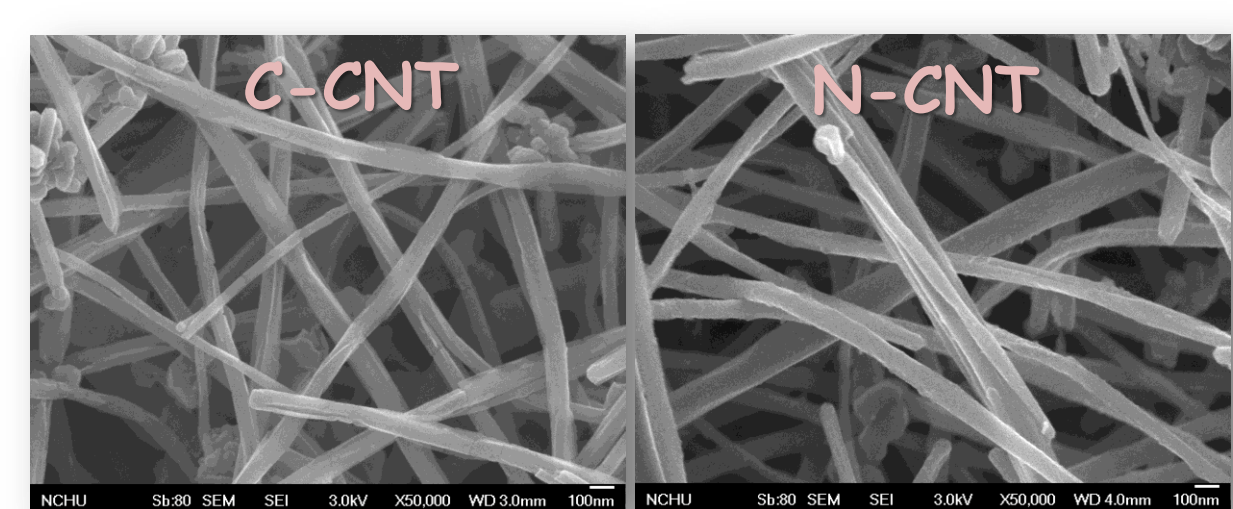


Biosensor

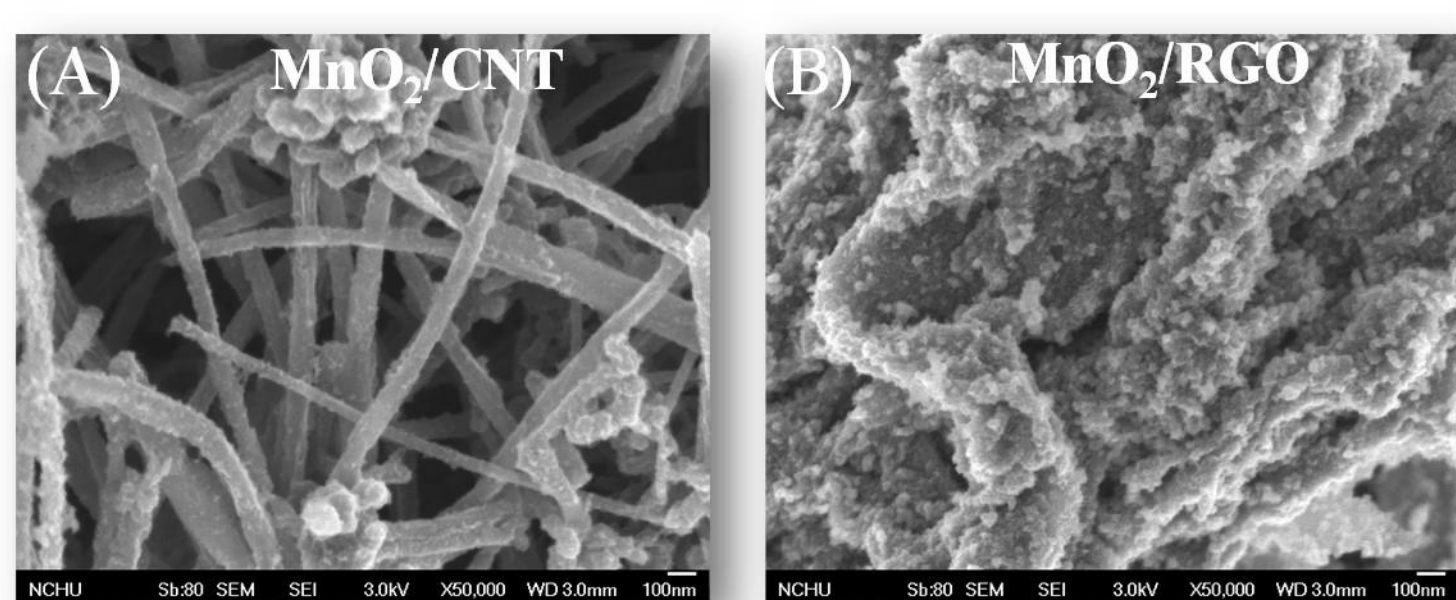
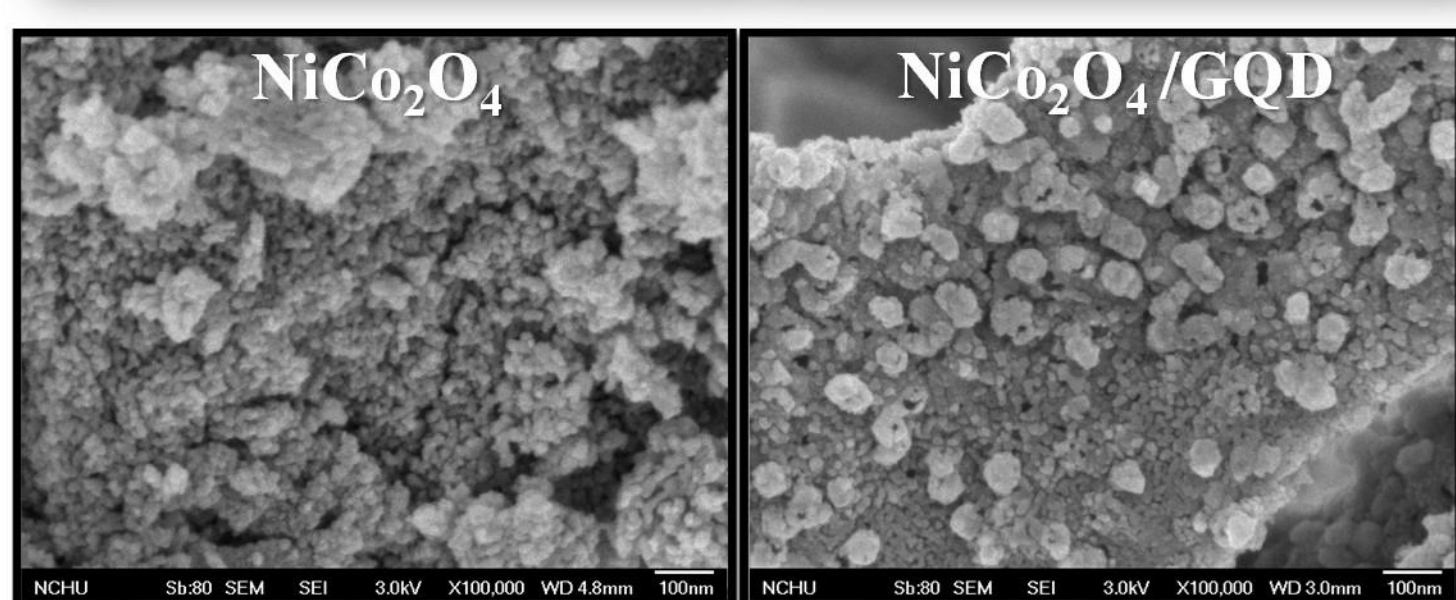
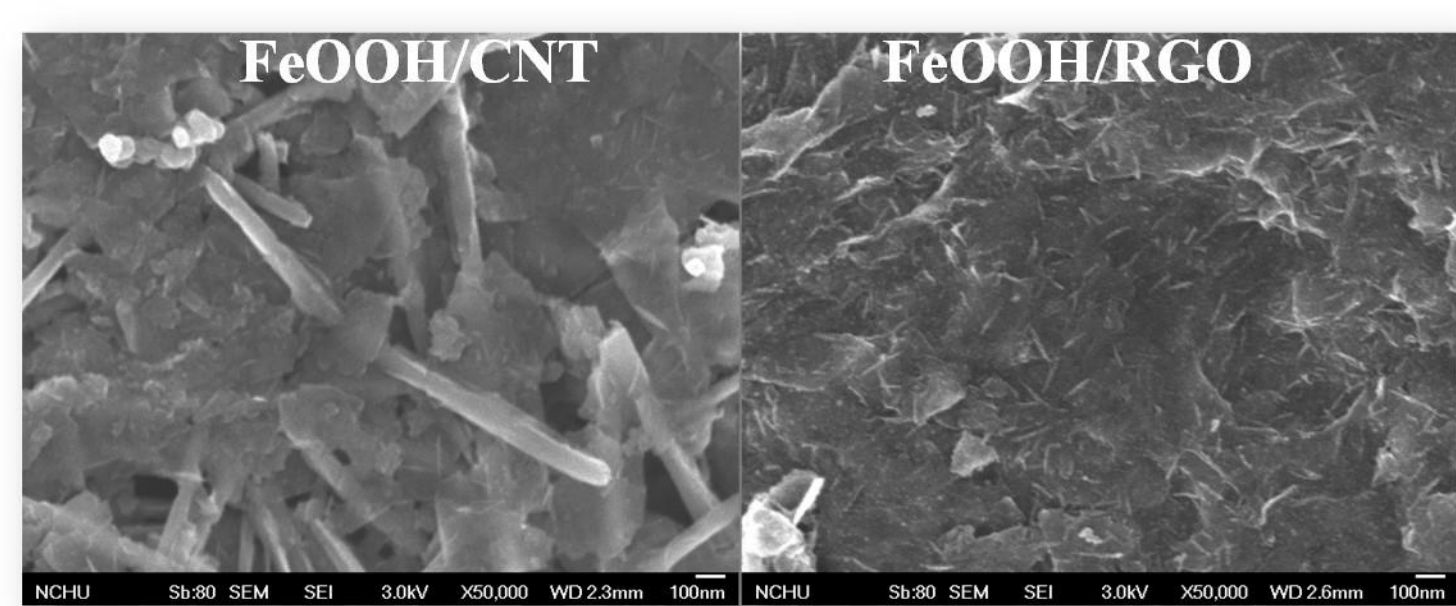


奈米材料與應用

Carbon materials



Transition metal oxide/carbon materials



Energy applications Sensor applications

Supercapacitor

Biosensor

Hydrogen generation

Chemical sensor

Battery

Fuel cell

Immunosensor

Solar cell

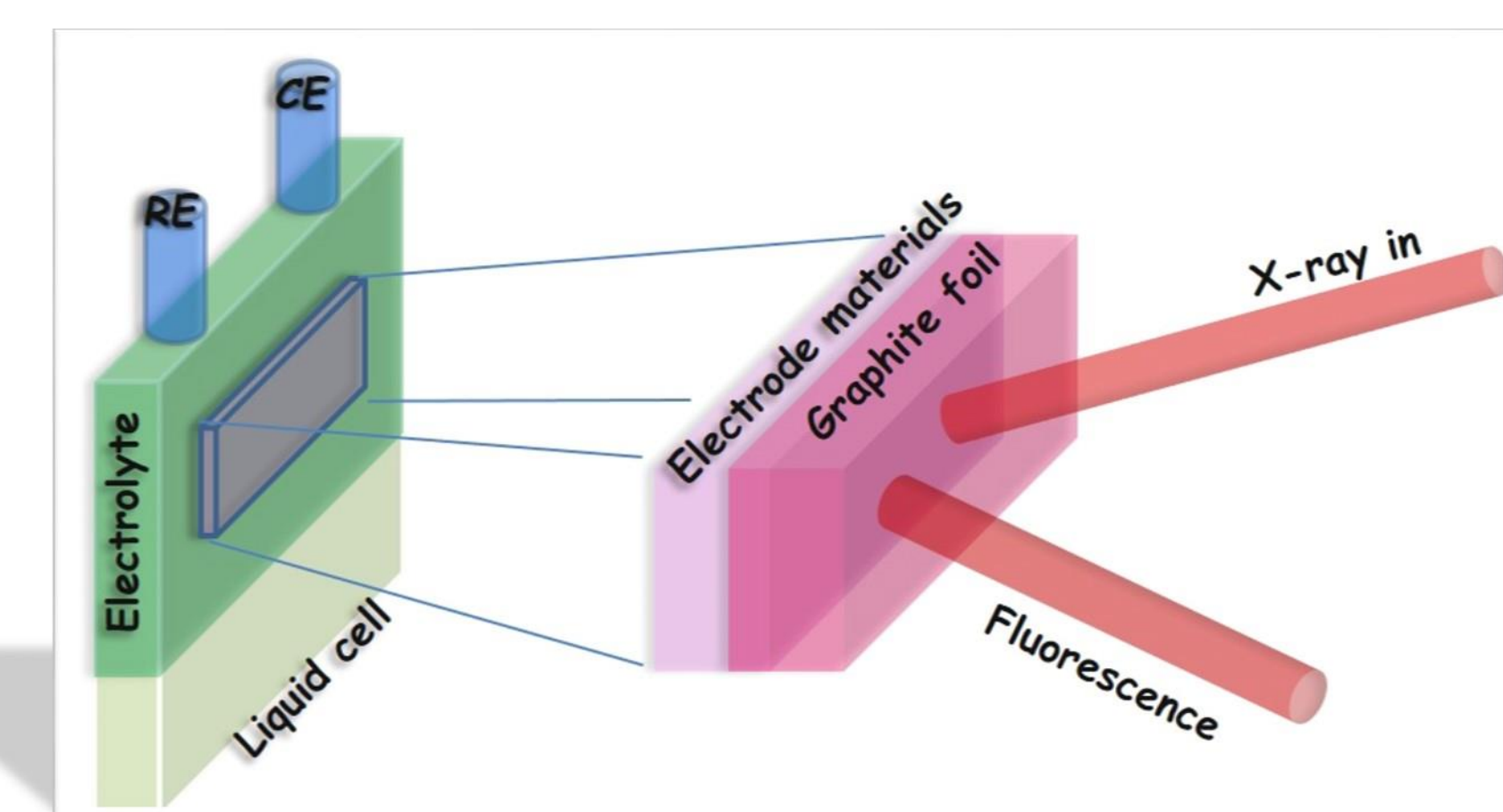
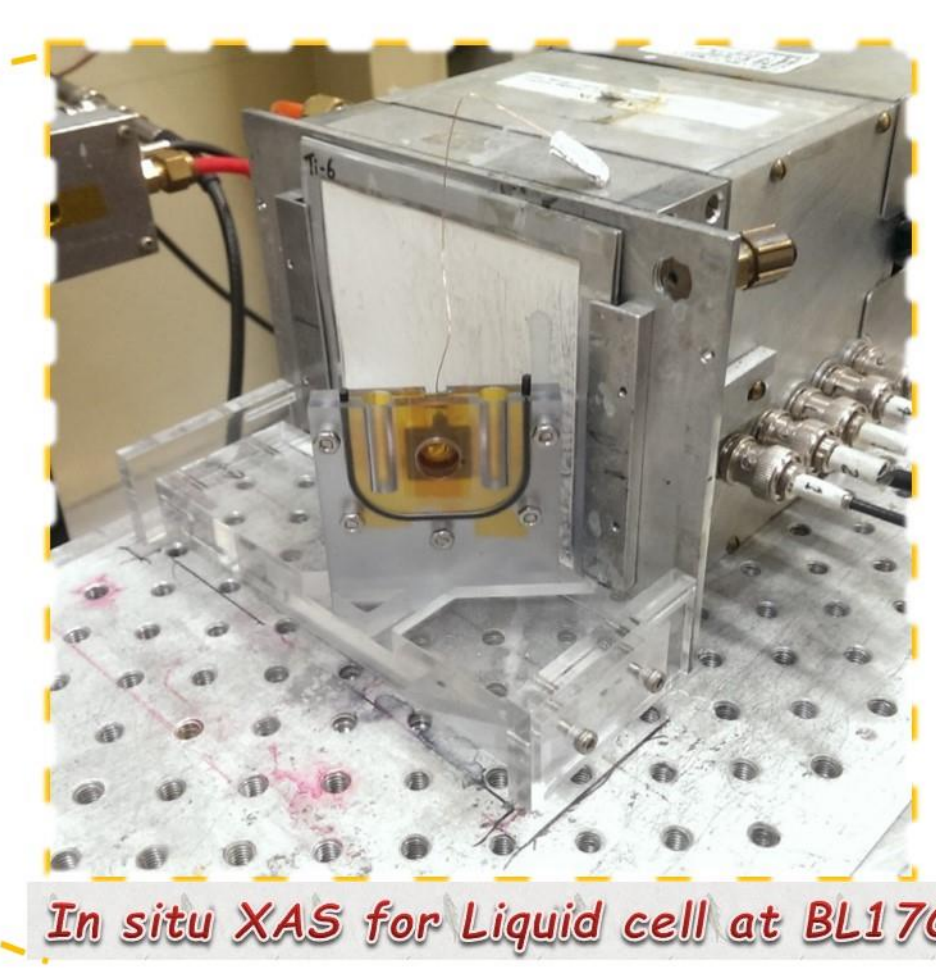
Optic sensor

同步輻射

National Synchrotron Radiation Research Center, Taiwan (NSRRC)



In situ X-ray spectroscopy



In situ X-ray liquid cell

