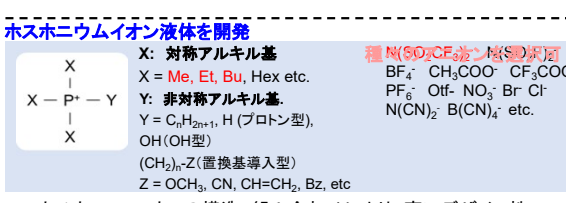
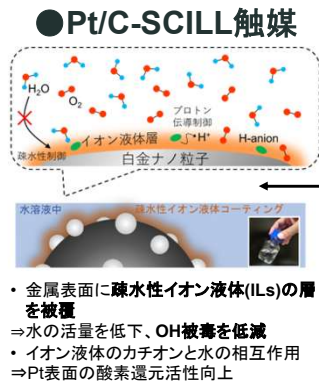
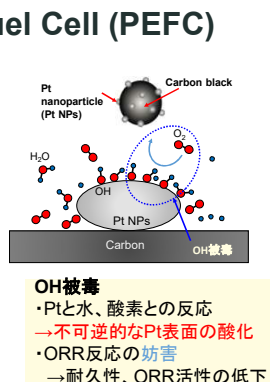
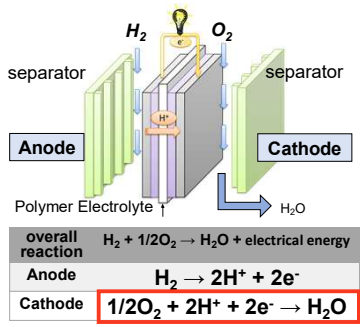


Introduction  
●Polymer Electrolyte Fuel Cell (PEFC)



Experiment

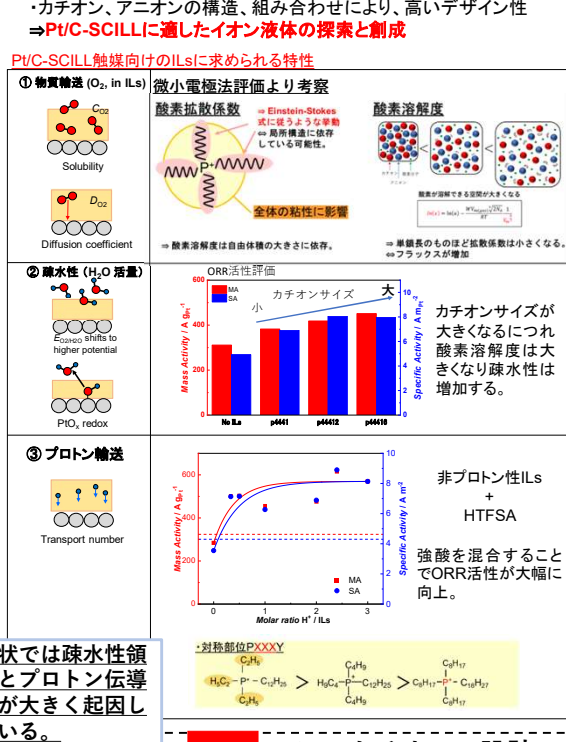
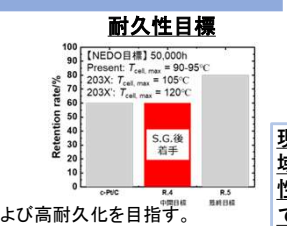
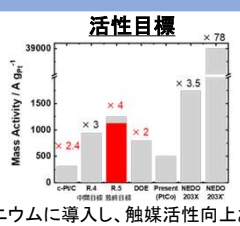
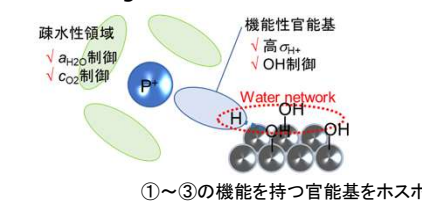


Temperature : 25 °C  
Electrolyte : 0.1 M HClO<sub>4</sub>  
Counter electrode : Pt wire  
Reference electrode : RHE  
Geometric area: 0.283 cm<sup>2</sup>  
Pt : 14.1 μg/cm<sup>2</sup>

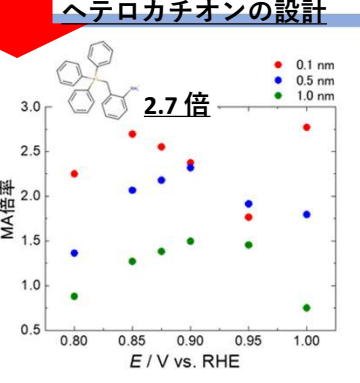
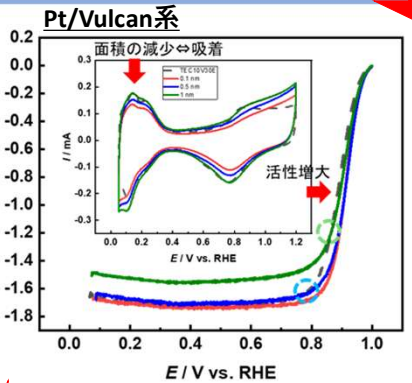
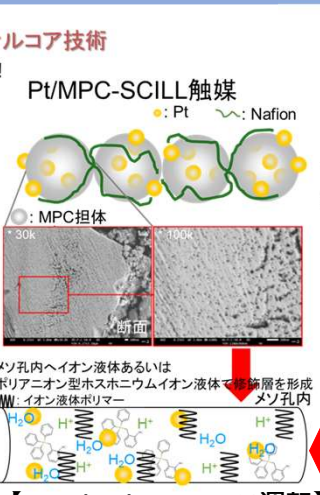
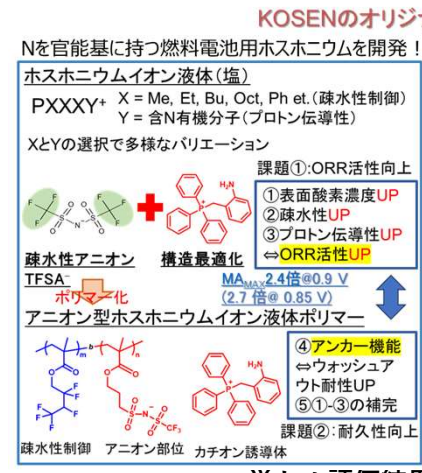
Cyclic Voltammetry(CV)  
Ar atmosphere  
Potential range : 0.05 V - 1.2V  
Sweep rate : 50 mV/s

Linear sweep voltammetry (LSV)  
O<sub>2</sub> saturated  
Rotating rate 1600 rpm

Objective



Result



単セル評価結果【Pppp(abz)TfSA 120°C運転】

