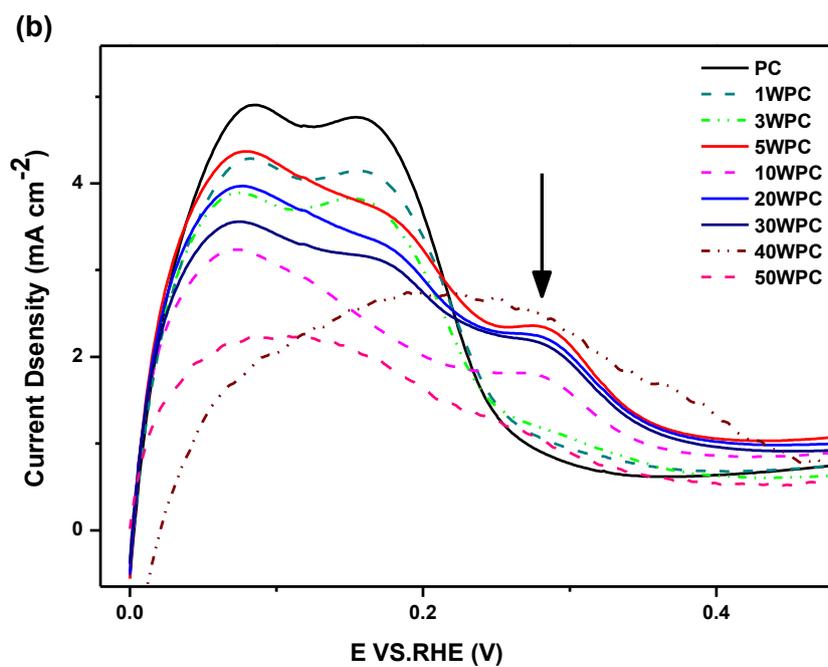
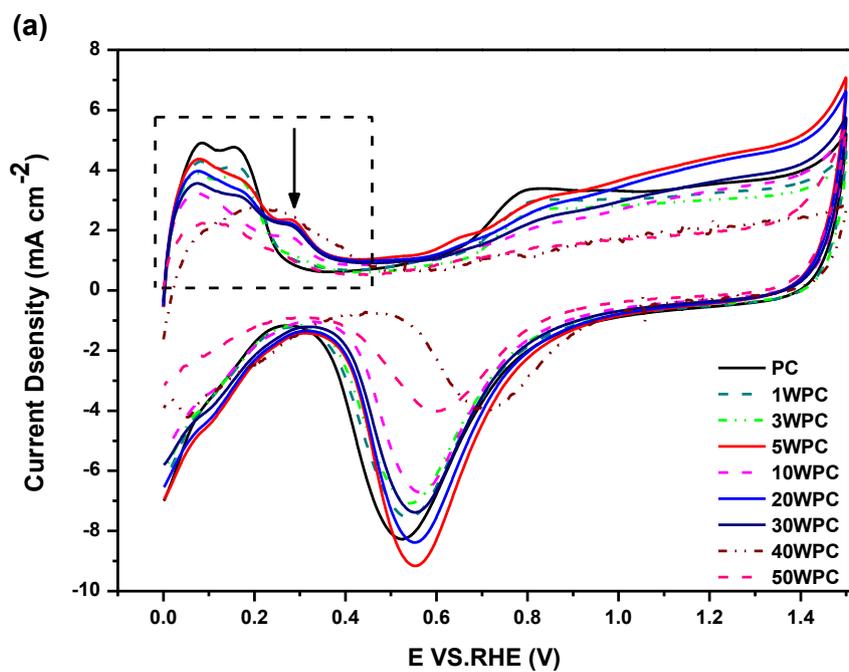


**Improving Sulfur Tolerance of Noble Metal Catalysts by Tungsten Oxide–
induced Effects**

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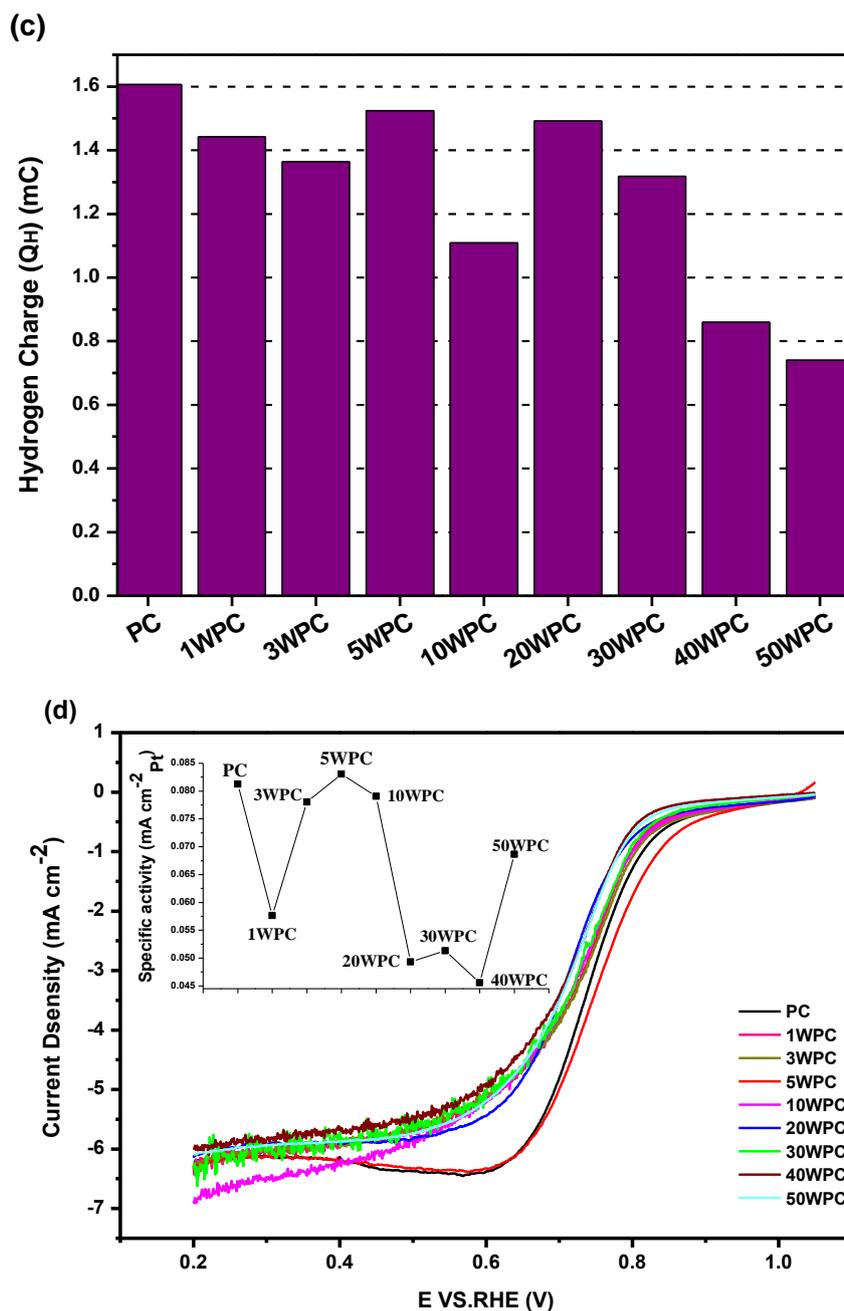


Figure S1 Cyclic voltamograms of PC and 1~50WPC (a) in 0.1 M HClO₄ with the scan rate of 50mV/s; (b) the magnified part of dotted rectangle in (a); the corresponding hydrogen desorption charges of (b) in (c); Polarization curves for PC, 1~50WPC catalysts performed at the rotation rate of 1600 rpm in 0.1M HClO₄ solution and comparison of specific activity of all catalyst (d).

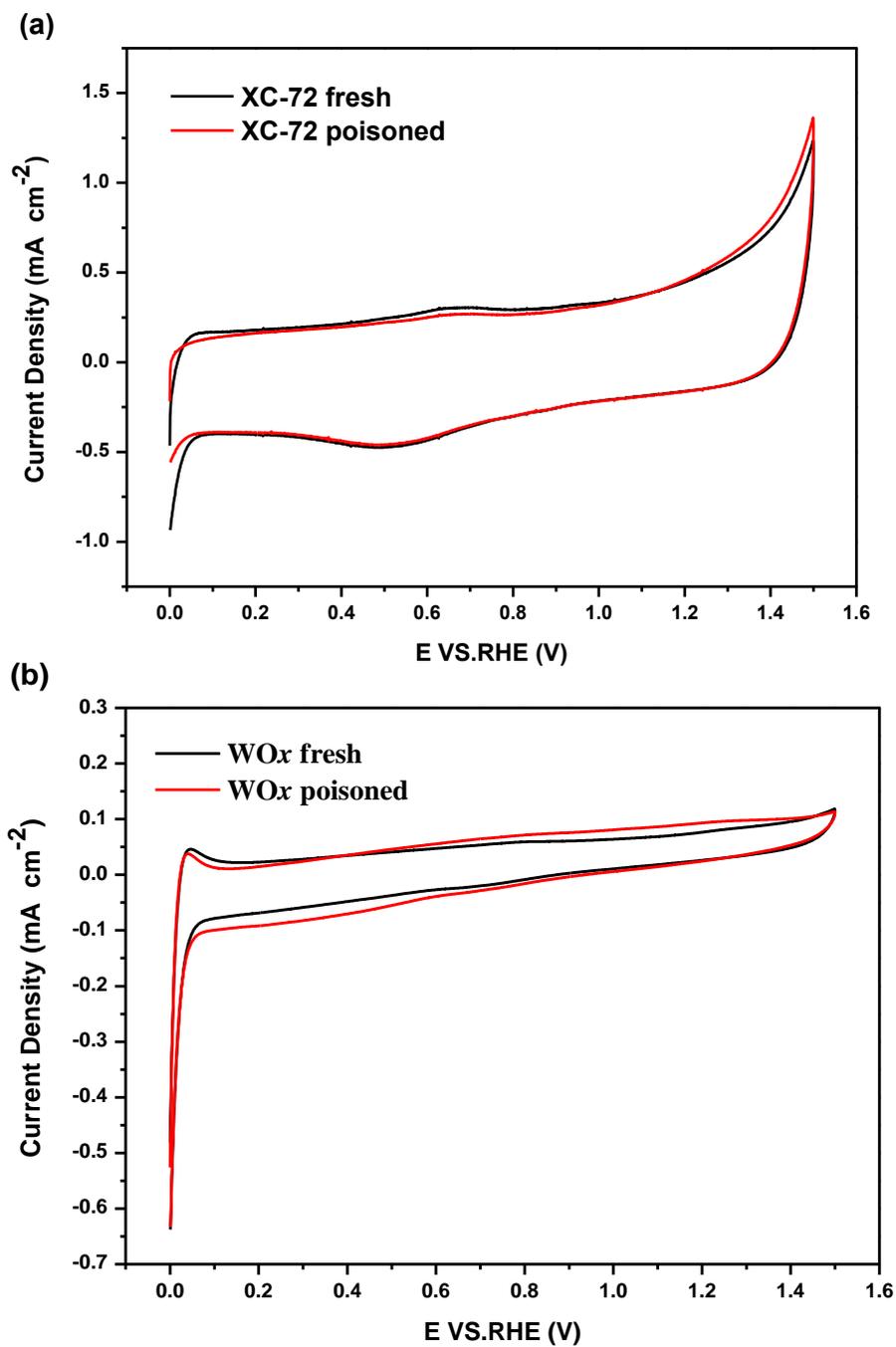


Figure S2 CV curves of Vulcan XC-72 and as-synthesized WO_x before and after poisoning with 0.01M S (IV) contamination solution.

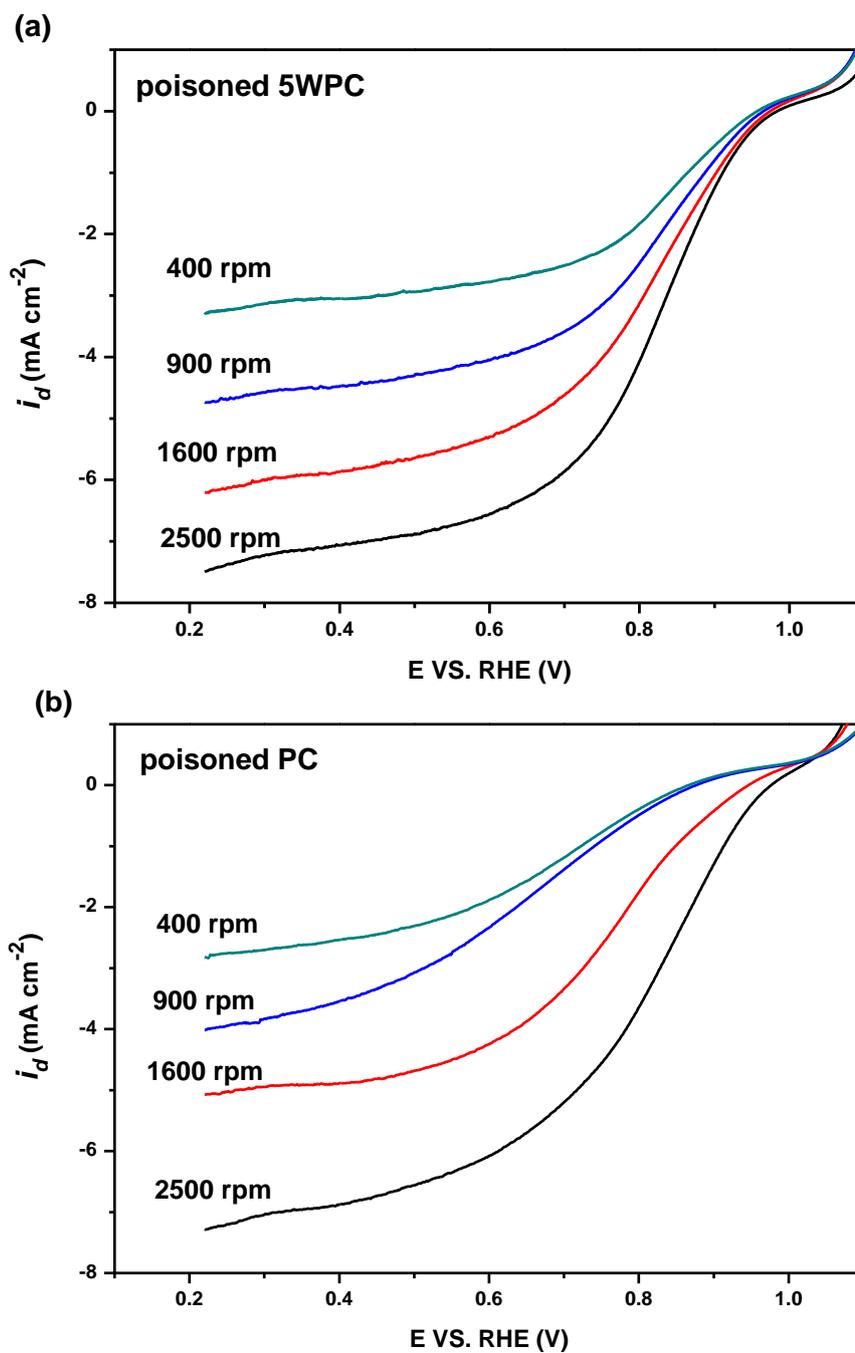


Figure S3 Current-voltage curves for the ORR obtained at the disk electrodes coated with (a) poisoned 5WPC and (b) poisoned PC catalysts in O₂-saturated 0.1 M HClO₄ solution at scan rate of 10 mV/s at various rotation rates.