

**Supporting online materials for**

**One dimensional Ag/Au/AgCl nanocomposites stemmed from Ag nanowires for electrocatalysis of oxygen reduction**

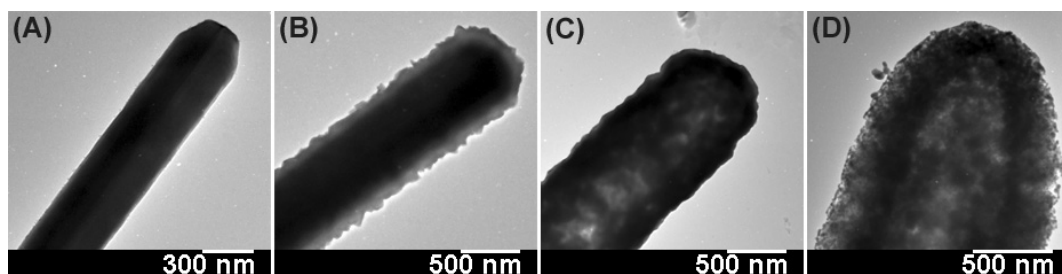
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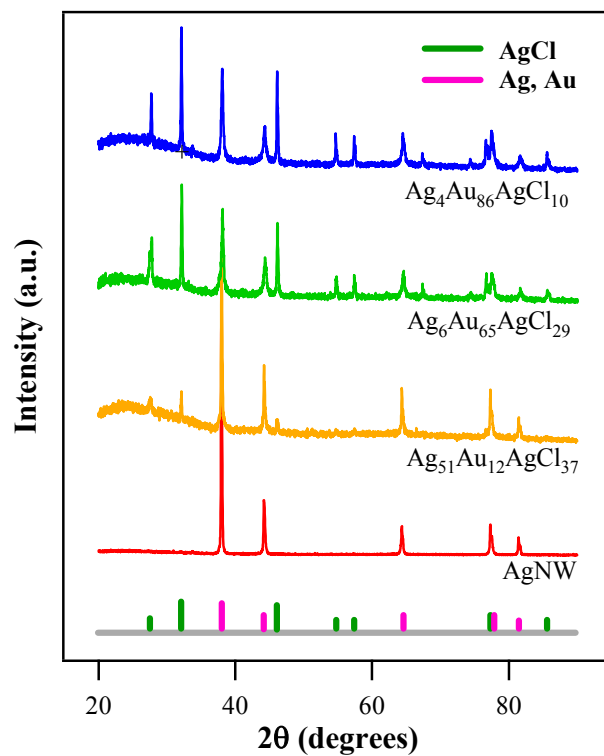
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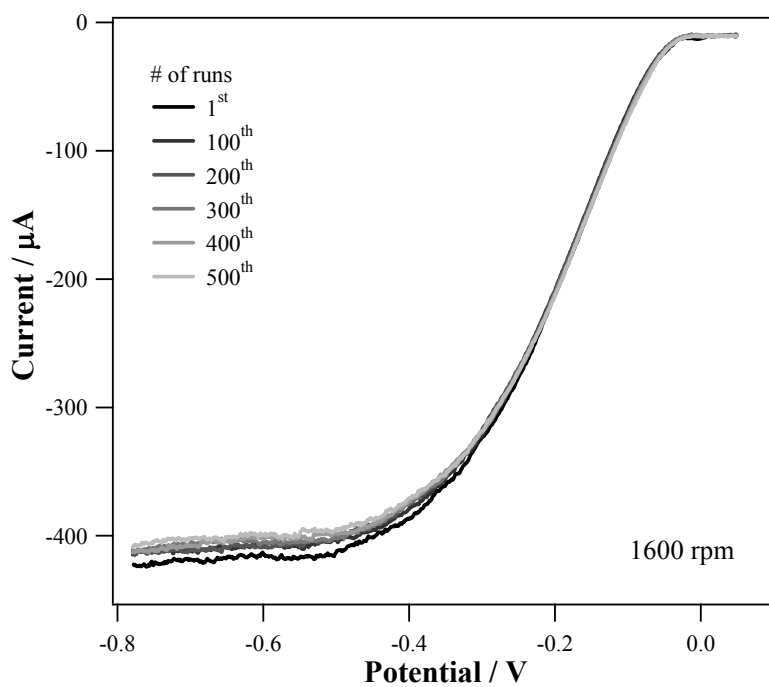
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**Fig. S1.** Typical TEM images of (A) AgNWs, (B)  $\text{Ag}_{51}\text{Au}_{12}\text{AgCl}_{37}$ , (C)  $\text{Ag}_6\text{Au}_{65}\text{AgCl}_{29}$ , and (D)  $\text{Ag}_4\text{Au}_{86}\text{AgCl}_{10}$ .



**Fig. S2.** XRD patterns of AgNWs, Ag<sub>51</sub>Au<sub>12</sub>AgCl<sub>37</sub>, Ag<sub>6</sub>Au<sub>65</sub>AgCl<sub>29</sub>, and Ag<sub>4</sub>Au<sub>86</sub>AgCl<sub>10</sub>.



**Fig. S3.** RDE voltammograms for repetitive 500 runs obtained with  $\text{Ag}_4\text{Au}_{86}\text{AgCl}_{10}$ -modified GC electrode in an  $\text{O}_2$ -saturated 0.1 M NaOH solution at a rotation rate of 1600 rpm. All the other conditions are the same as in Fig. 4A.