

## Supporting Information

### Controllable formation of amorphous structure to improve the oxygen evolution reaction performance of CoNi LDH

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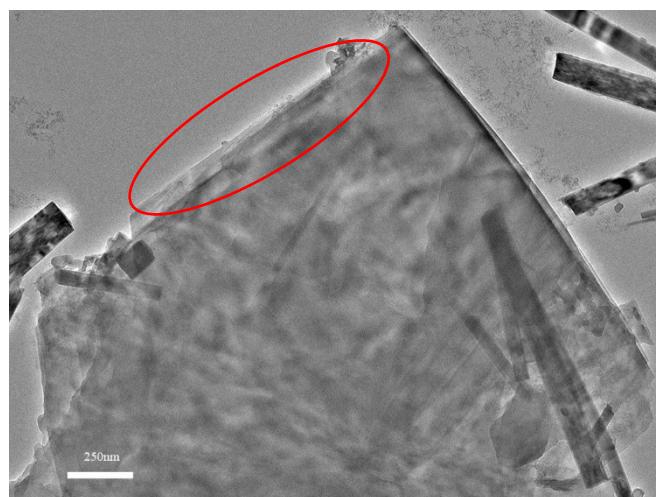
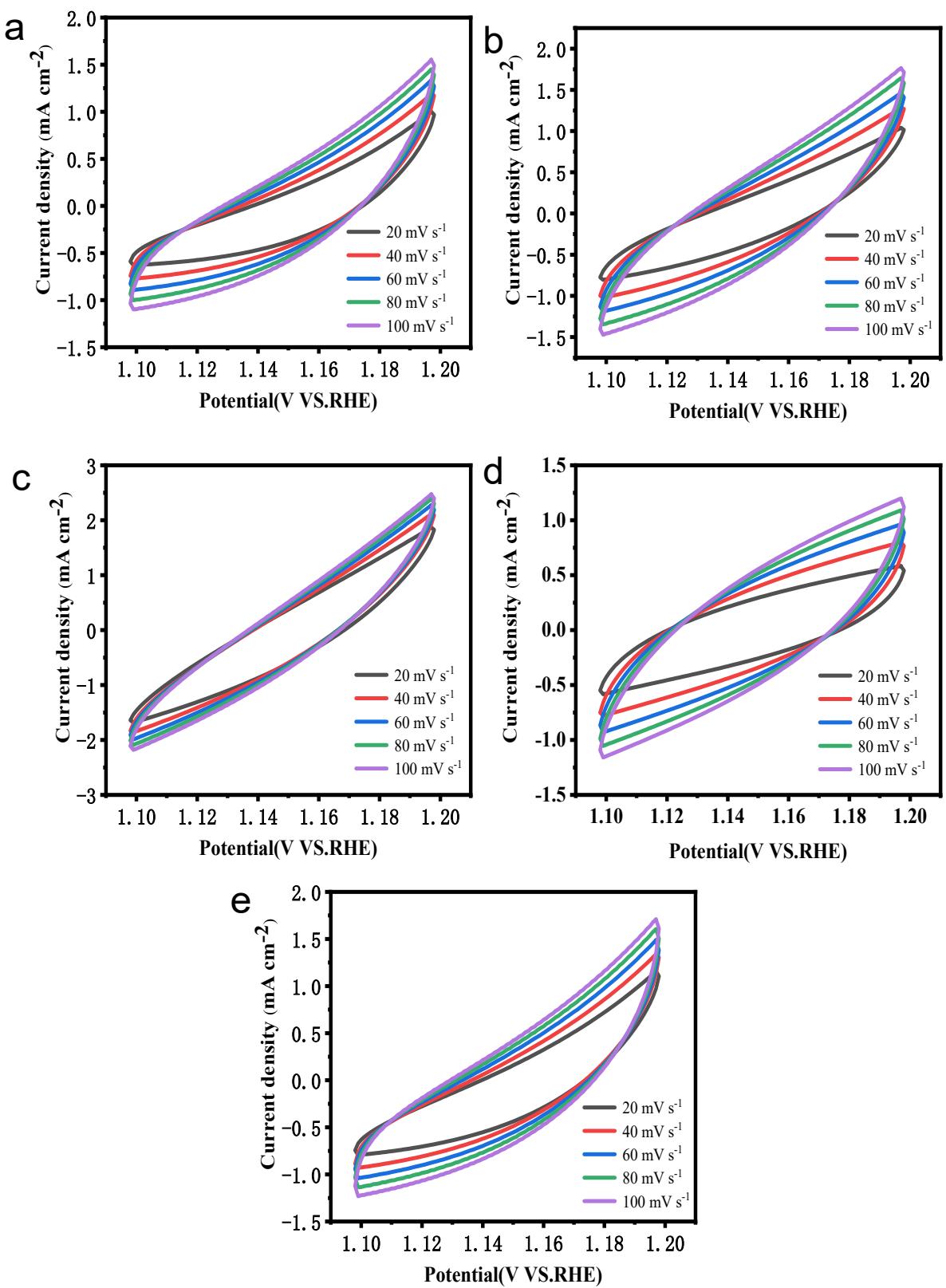


Fig. S1. TEM image of CoNi-LDH-E0.



**Fig. S2.** Cyclic voltammetry curves of CoNi-LDH treated with different electrooxidation time: (a) 0 h, (b) 2 h, (c) 4 h, (d) 6 h, and (e) RuO<sub>2</sub>.