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Fig. S1. XPS analyses of N/S-rGO. S 2p spectrum (a) and N 1s spectrum(b).



Fig. S2. LSV curves of CuFeS₂/NS-rGO with different CuFeS₂ contents in oxygensaturated 0.1 M KOH at a scan rate of 10 mV s⁻¹ and a rotation rate of 1600 rpm.



Fig. S3. K-L plots of $CuFeS_2$ and NS-rGO at -0.40 V.



Fig. S4. TEM image of CuFeS₂/NS-rGO-1.



Fig. S5. The corresponding Tafel slopes of CuFeS₂/NS-rGO and Pt/C from the ORR polarization curves.