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Corrigendum

Corrigendum to "Bridging NiCo layered double hydroxides and Ni_3S_2 for bifunctional electrocatalysts: The role of vertical graphene" [Chem. Eng. J. 415 (2021) 129048]



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The authors regret errors in Tafel plots in Figs. 4C and 5C in the published article due to the inadvertent mistake of data import when plotting in the Origin software. Thus, Figs. 4C and 5C need corrections.

Those corrections do not affect the discussion and conclusions of the original article. The updated Figures are shown as below.

The authors would like to apologize for any inconvenience caused.

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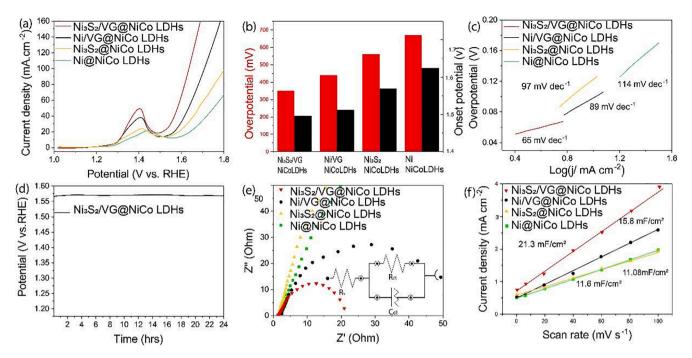


Fig. 4. (a) Linear sweep voltammograms (LSV) of Ni@NiCo LDHs, Ni/VG@NiCo LDHs, Ni₃S₂@NiCo LDHs and Ni₃S₂/VG@NiCo LDHs for OER. (b) Comparison of onset potential and overpotentials at a current density of 100 mA cm⁻². (c) The corresponding Tafel plots. (d) Chronopotentiometry curve of the Ni₃S₂/VG@NiCo LDHs at a current density of 20 mA cm⁻² for 24 h without iR correction. (e) Nyquist plots of Ni@NiCo LDHs, Ni/VG@NiCo LDHs, Ni₃S₂@NiCo LDHs and Ni₃S₂/VG@NiCo LDHs and Ni₃S₂/VG@NiCo LDHs obtained at an overpotential of 300 mV. Inset shows the equivalent circuit. (f) The capacitive current density at a potential of 1.13 V vs RHE as a function of scan rate.

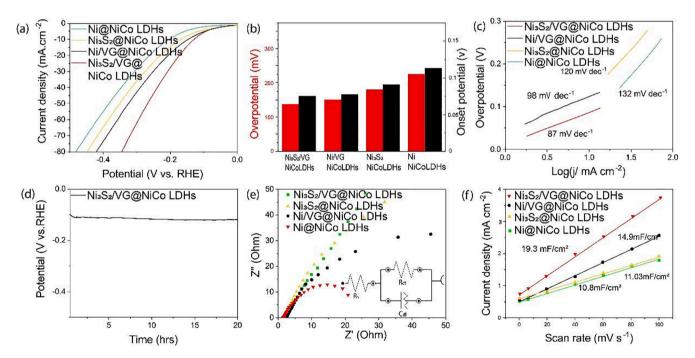


Fig. 5. (a) Linear sweep voltammograms (LSV) of Ni@NiCo LDHs, Ni/VG@NiCo LDHs, Ni₃S₂@NiCo LDHs and Ni₃S₂/VG@NiCo LDHs for HER. (b) Comparison of overpotentials and onset potentials at current densities 10 mA cm⁻². (c) The corresponding Tafel plots. (d) Chronopotentiometry curve of the Ni₃S₂/VG@NiCo LDHs at a current density of -10 mA cm⁻² for 24 h without iR correction. (e) Nyquist plots of Ni@NiCo LDHs, Ni/VG@NiCo LDHs, Ni₃S₂@NiCo LDHs and Ni₃S₂/VG@NiCo LDHs and Ni₃S₂/VG@NiCo LDHs obtained at an overpotential of -150 mV. Inset shows the equivalent circuit. (f) The capacitive currents at a potential of 150 mV as a function of scan rates.