

Sputtered Cu-doped NiO Thin Films as an Efficient Electrocatalyst for Methanol Oxidation

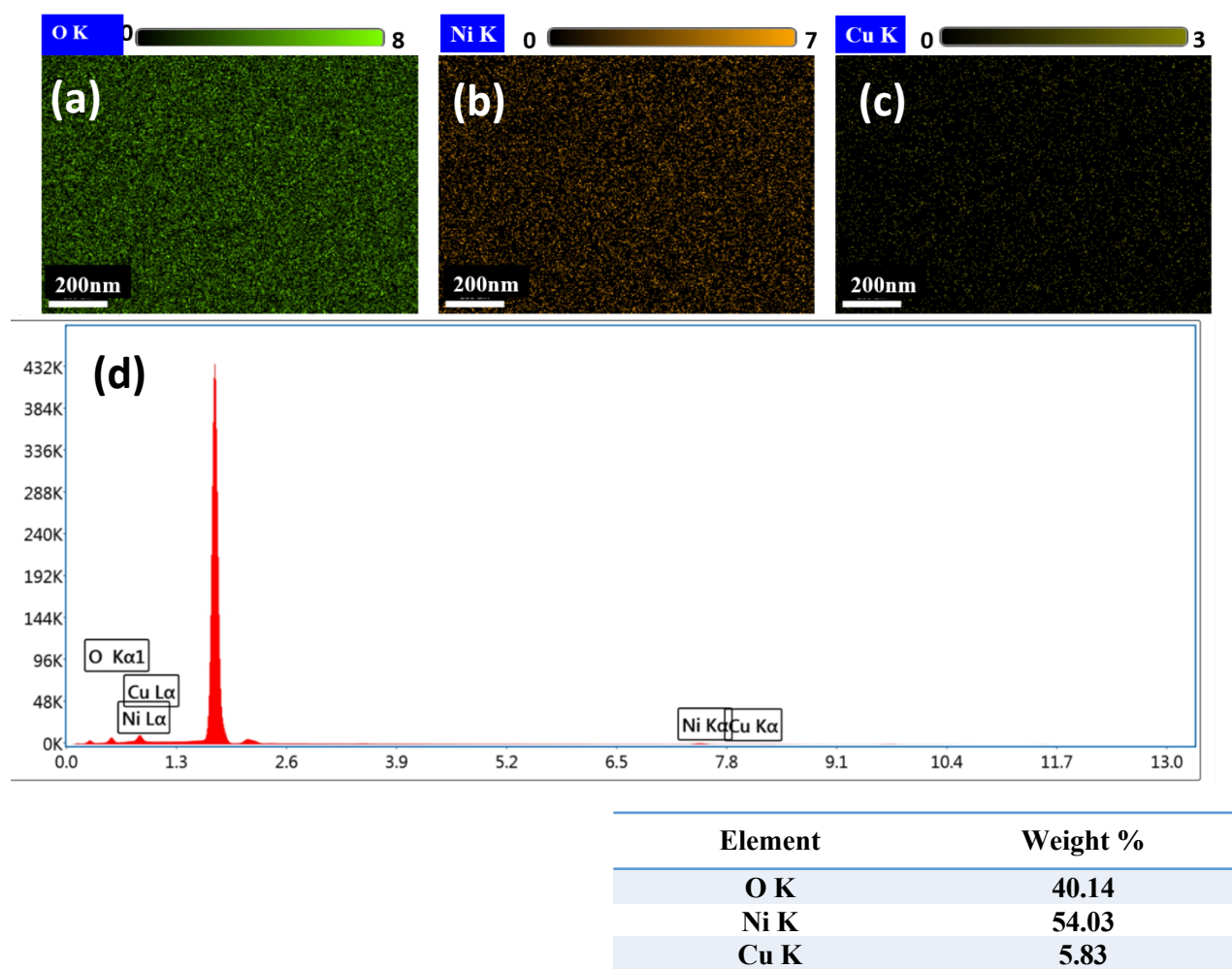


Fig.1S. EDS spectrum of NiO-Cu 600, (a) O, (b) Ni, (C) Cu, and (d) Elemental mapping images of Ni, O, and Cu.

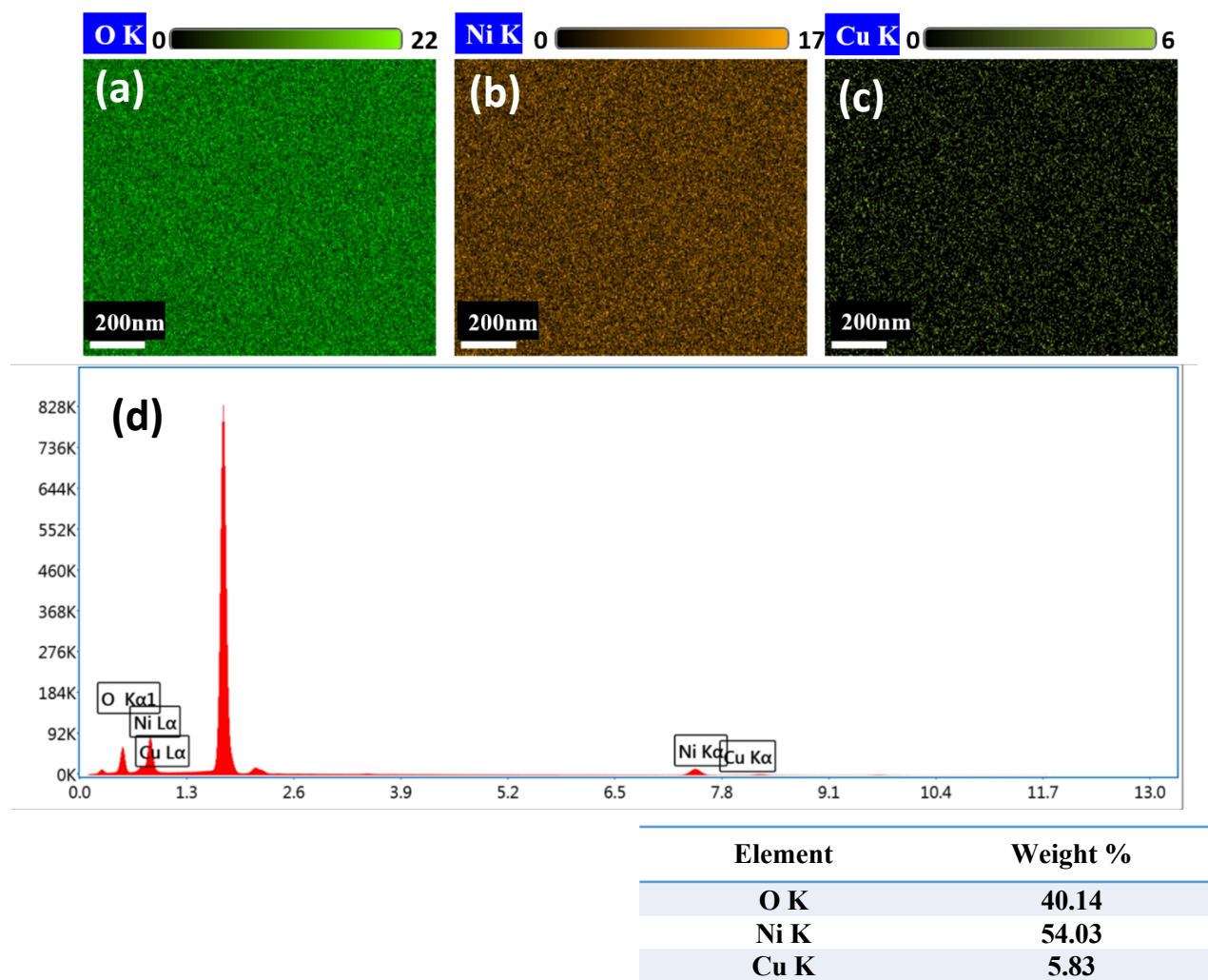


Fig.2S. EDS spectrum of NiO-Cu 900, (a) O, (b) Ni, (C) Cu, and (d) Elemental mapping images of Ni, O, and Cu.

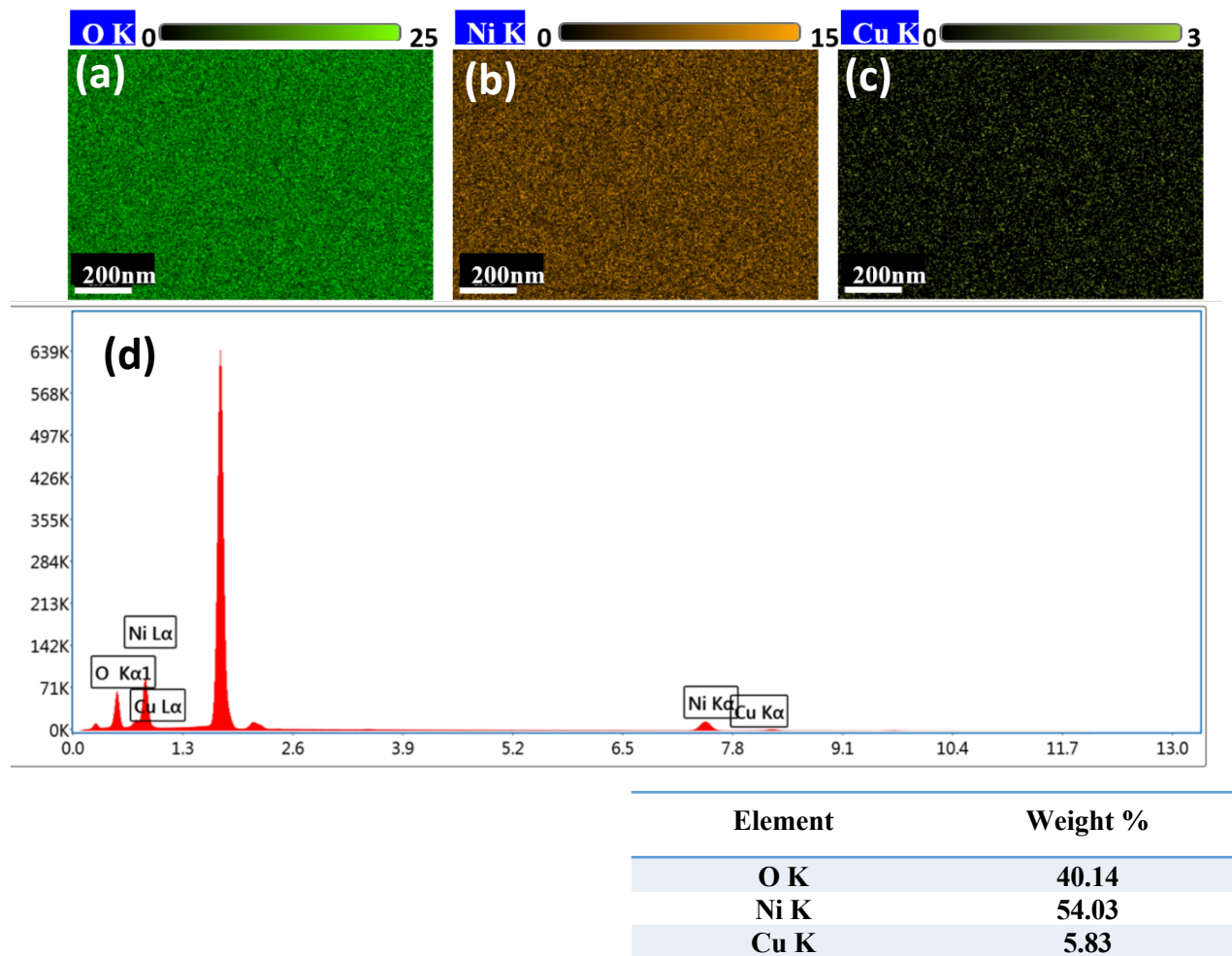


Fig.3S. EDS spectrum of NiO-Cu 600, (a) O, (b) Ni, (C) Cu, and (d) Elemental mapping images of Ni, O, and Cu.

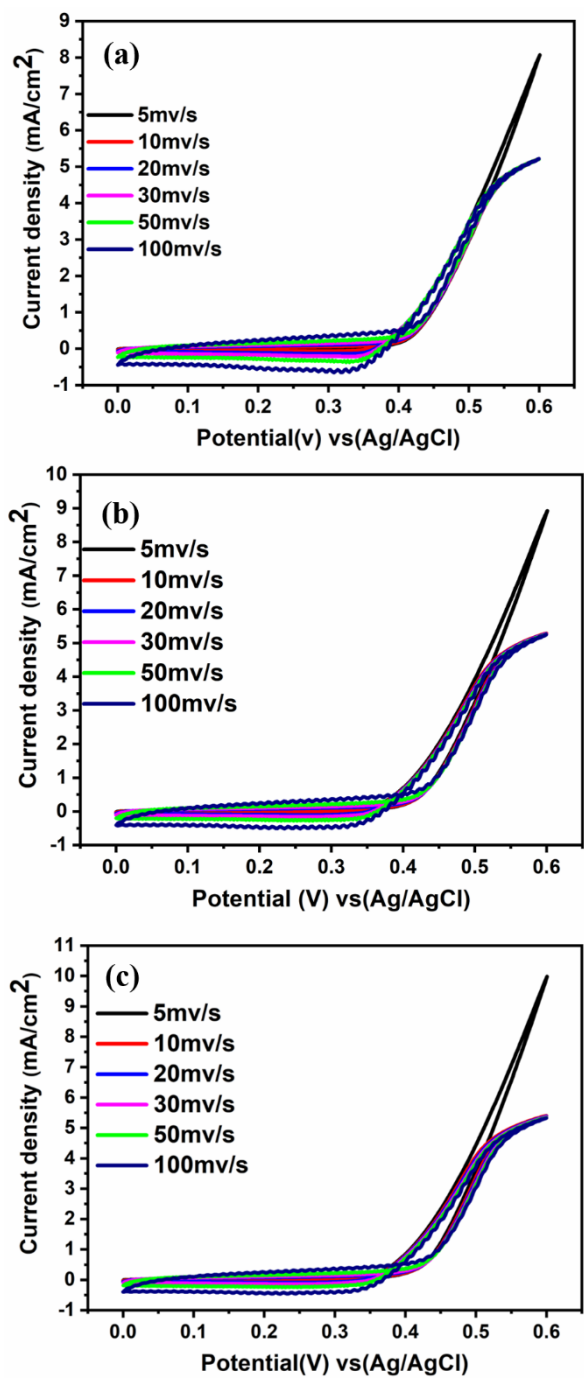


Fig.4S. Cyclic voltammograms for of sample (NiO-Cu 300) in 0.5 M KOH at room temperature and different Concentrations of methanol (a)0.5 M methanol (b) 1 M methanol (c) 2 M methanol

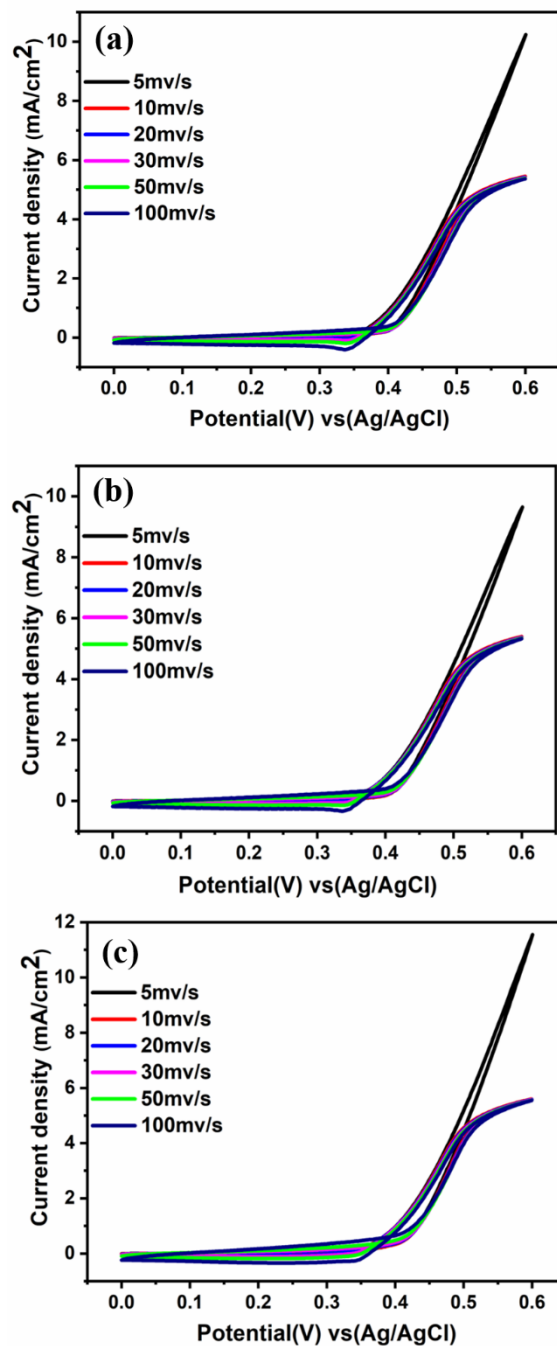


Fig.5S. Cyclic voltammograms for of sample (NiO-Cu 600) in 0.5 M KOH at room temperature and different Concentrations of methanol (a)0.5 M methanol (b) 1 M methanol (c) 2 M methanol

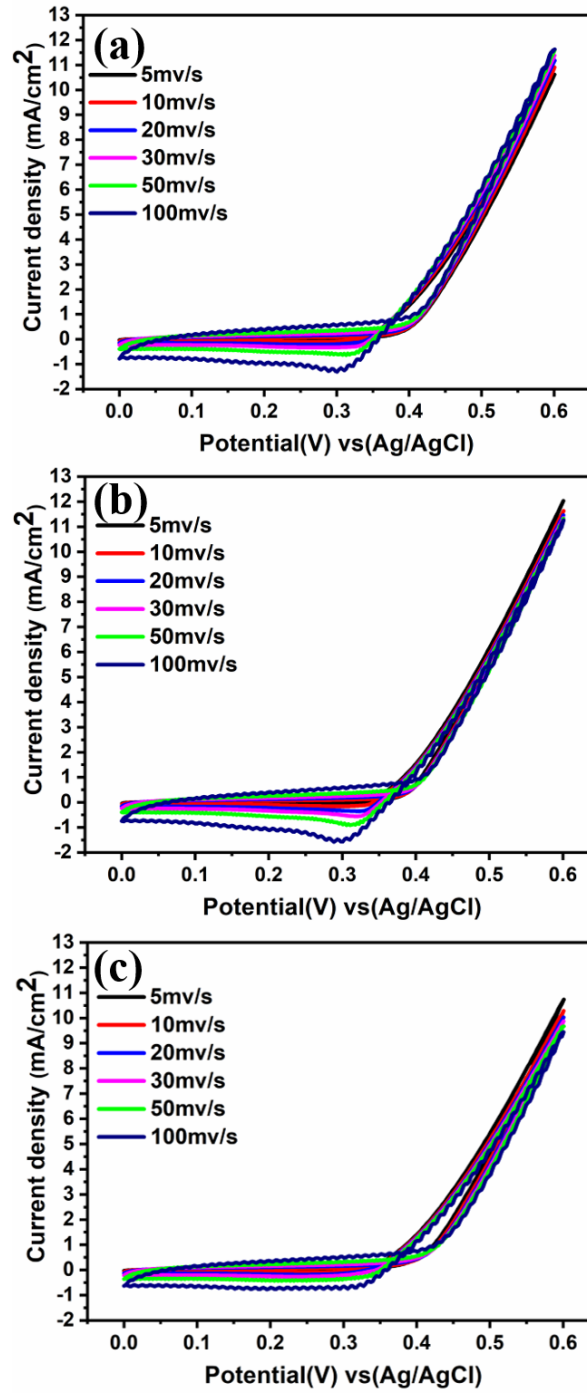


Fig.6S. Cyclic voltammograms for of sample (NiO-Cu 900) in 0.5 M KOH at room temperature and different Concentrations of methanol (a)0.5 M methanol (b) 1 M methanol (c) 2 M methanol

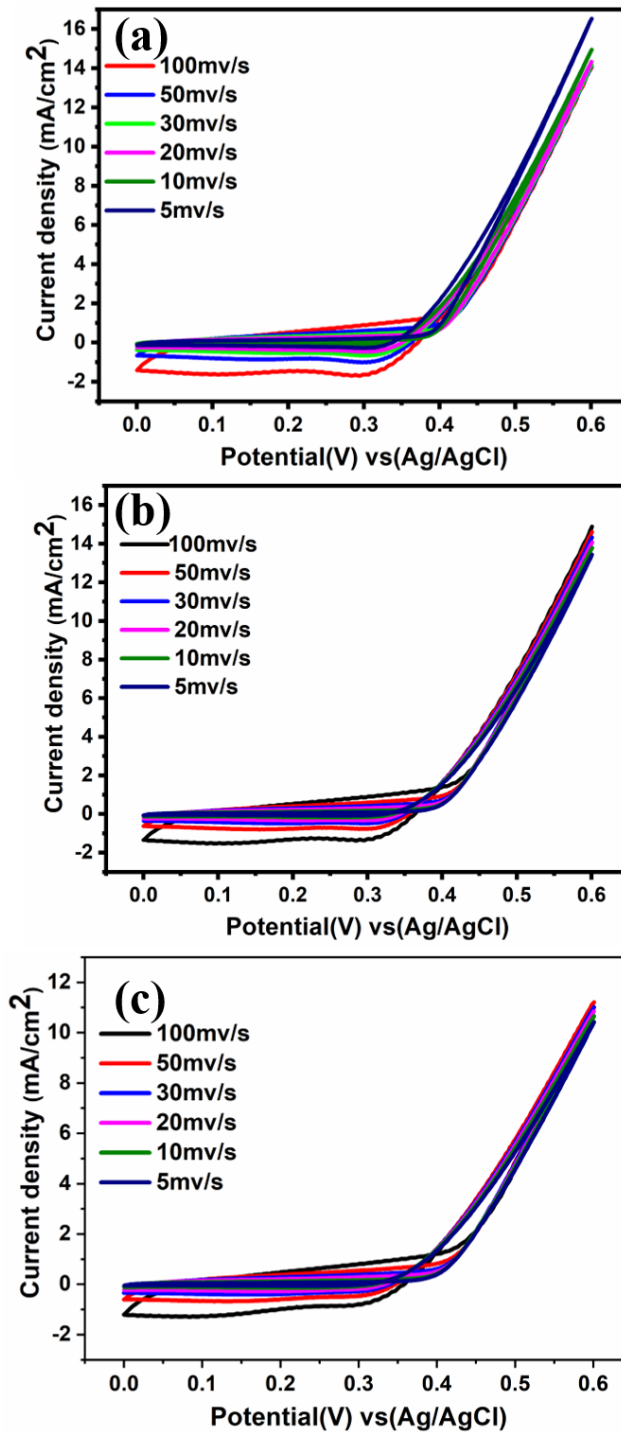


Fig.7S. Cyclic voltammograms for of sample (NiO-Cu 1200) in 0.5 M KOH at room temperature and different Concentrations of methanol (a)0.5 M methanol (b) 1 M methanol (c) 2 M methanol