

Supplementary materials

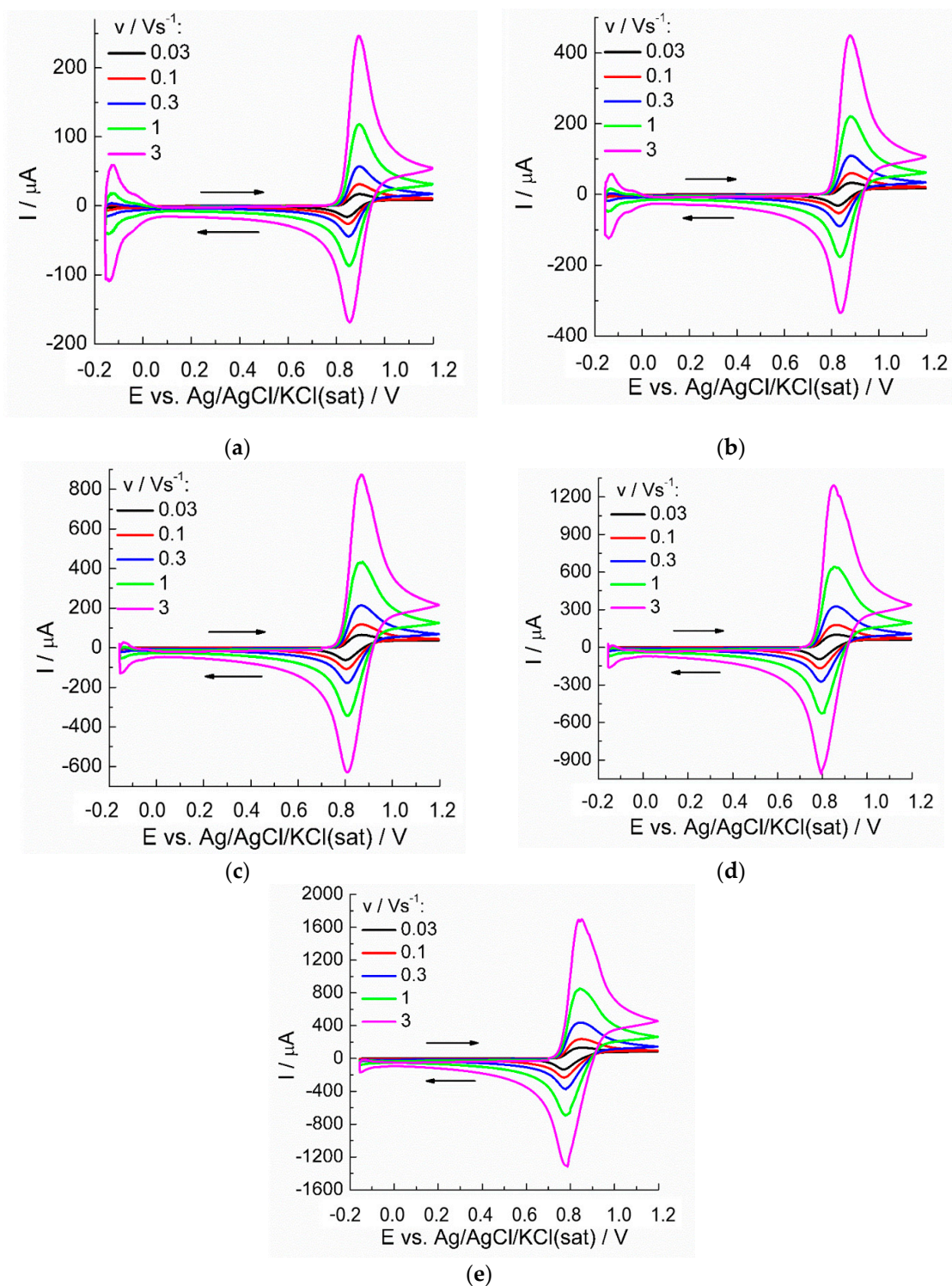


Figure S1. Cyclic voltammograms for Pt electrode (diameter: 1 mm) coated with Nafion 212 membrane in contact with 2 M sulfuric acid with addition of HBr, c^0 : 0.125 M (a), 0.25 M (b), 0.5 M (c), 0.75 M (d), 1 M (e). Scan rates indicated in the figures. First cycles.

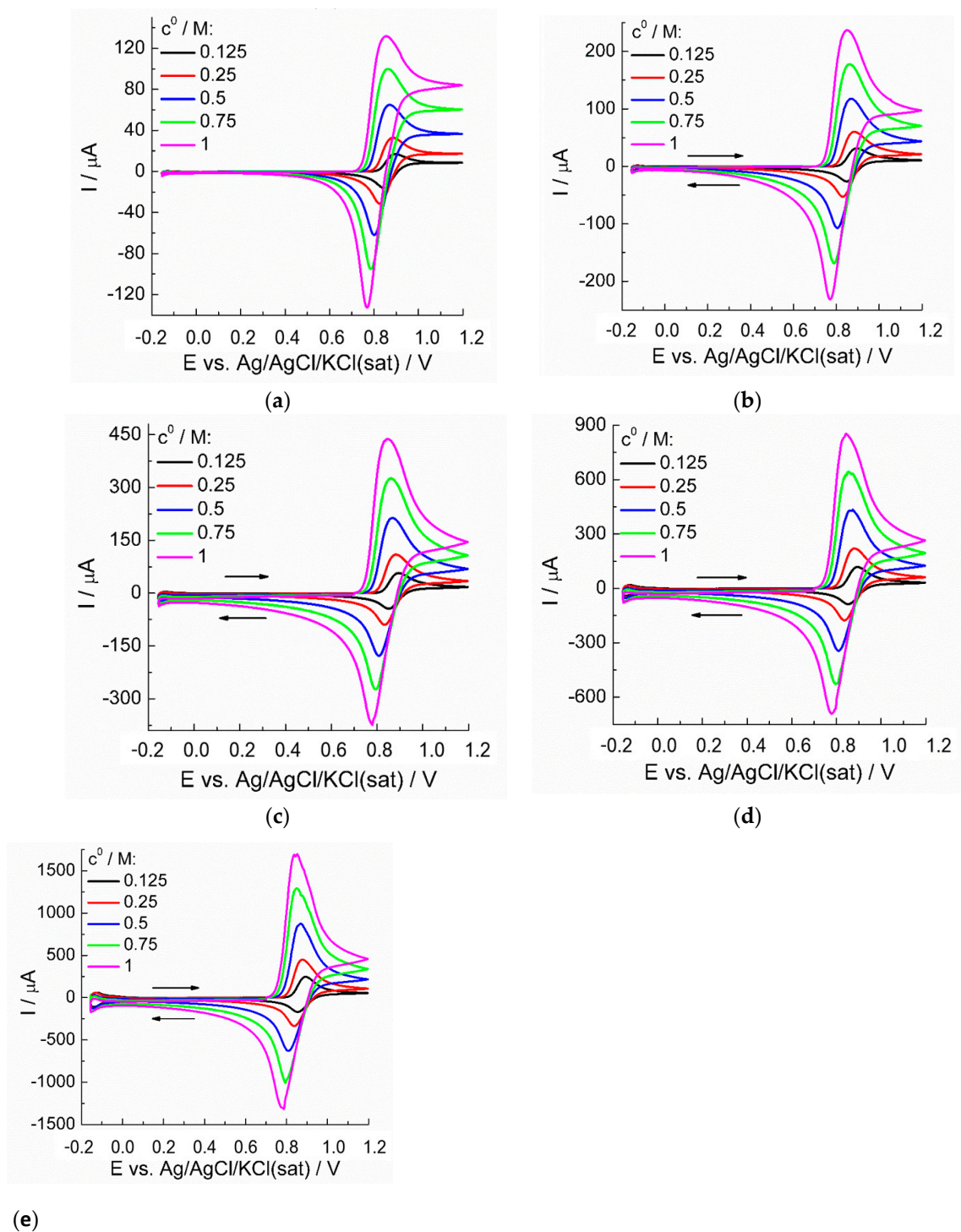


Figure S2. Cyclic voltammograms for Pt electrode (diameter: 1 mm) coated with Nafion 212 membrane in contact with 2 M sulfuric acid with addition of HBr for a set of scan rates: 0.03 V/s (a), 0.1 V/s (b), 0.3 V/s (c), 1 V/s (d), 3 V/s (e). Concentrations of HBr, c^0 , indicated in the figures. First cycles.