

Electrochemical Sodium Ion Sensor Based on Silver Nanoparticles/Graphene Oxide Nanocomposite for Food Application

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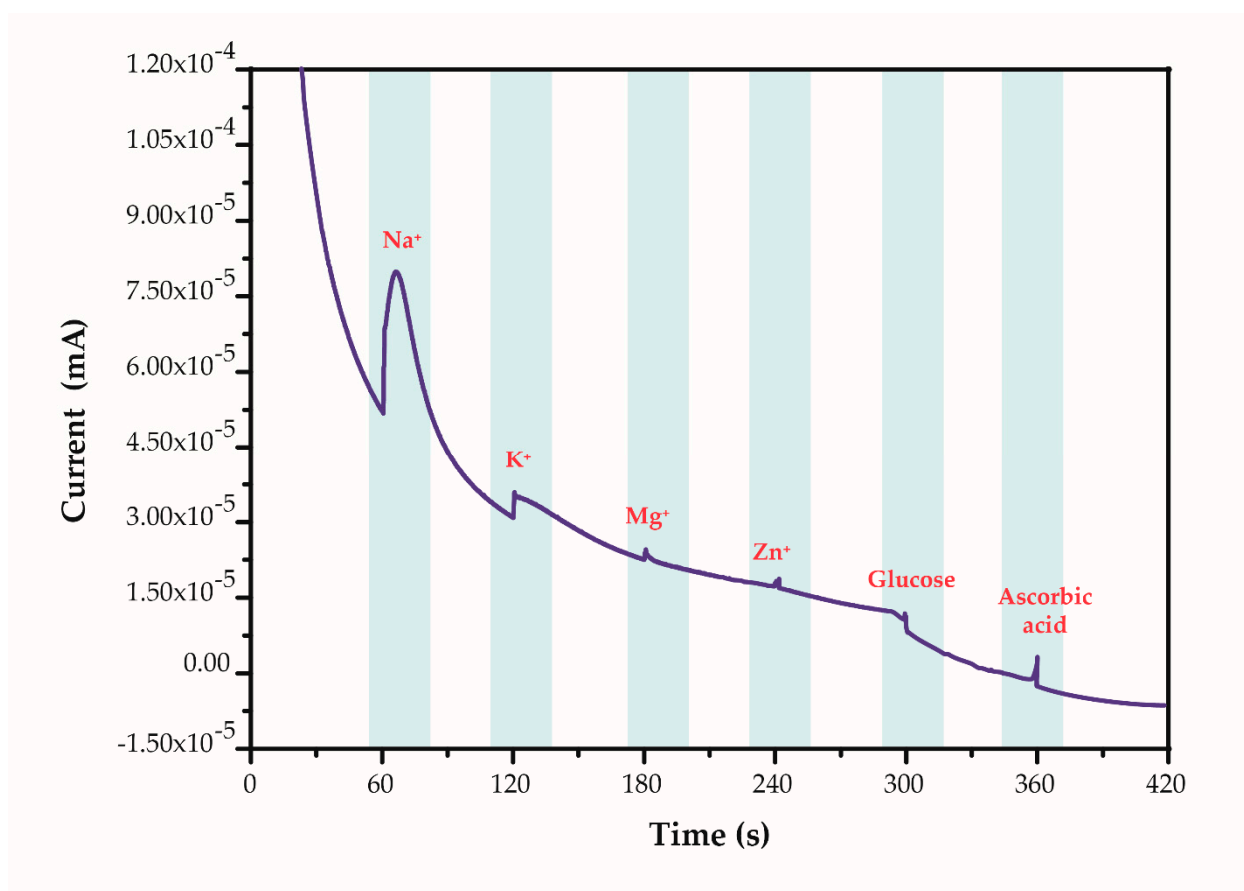


Figure S1. Chronoamperometric current response of AgNPs/GO/SPE sensor for addition of Na^+ in presence of potential food interfering species at a constant potential of +0.2 V.

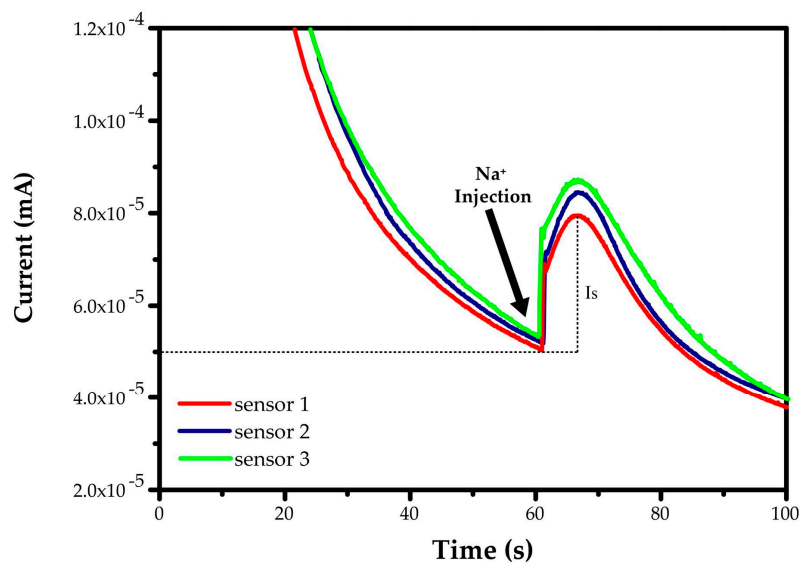


Figure S2. Chronoamperometric current response of three independent AgNPs/GO/SPE sensors before and after Na⁺ injection at a constant potential of +0.2 V.

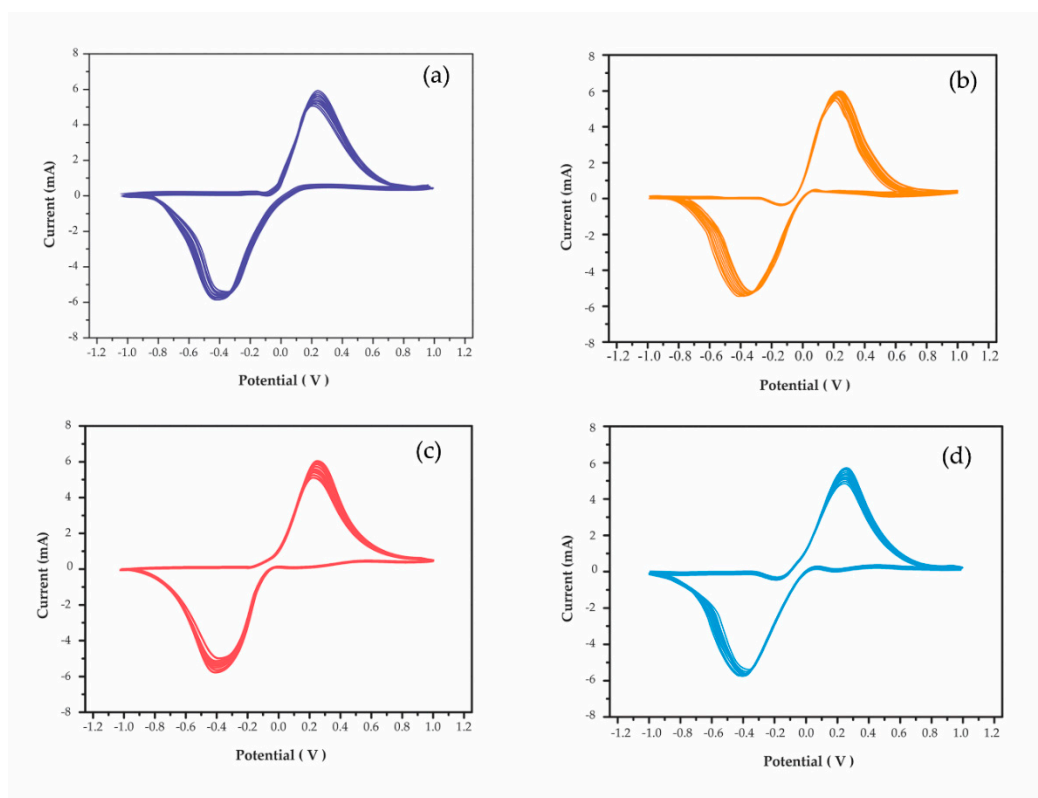


Figure S3. Cyclic voltammograms of four independent AgNPs/GO/SPE sensors as a function of the number of cycles.

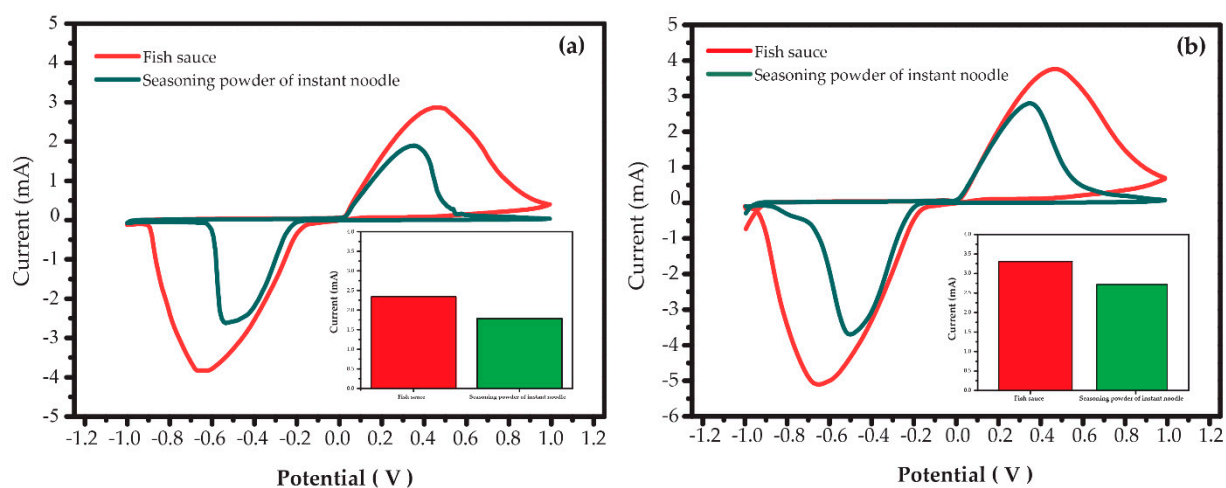


Figure S4. Cyclic voltammograms of AgNPs/GO/SPE sensors in (a) real samples and (b) spiked samples (real samples with addition of 50 mM Na⁺). The insets show the relative anodic peak currents of AgNPs/GO/SPE sensors.