Supplementary Materials

Novel Graphene/In$_2$O$_3$ Nanocubes Preparation and Selective Electrochemical Detection for L-Lysine of *Camellia nitidissima* Chi

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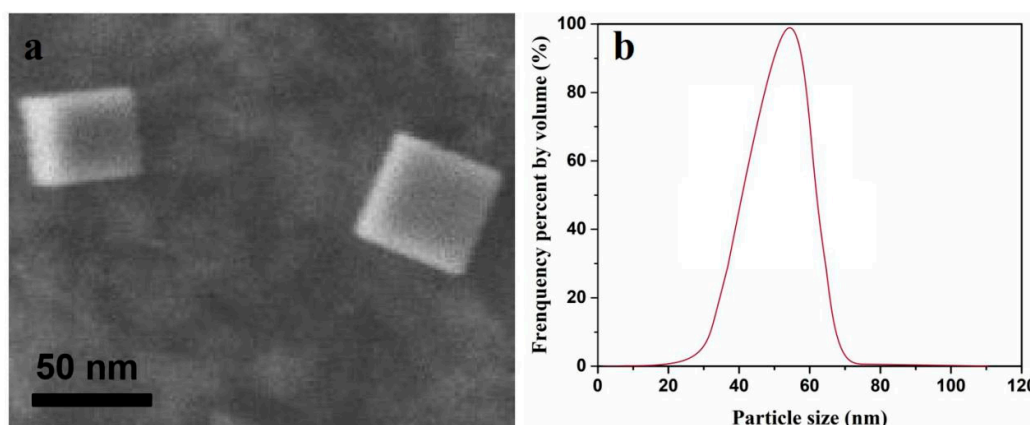† These authors contributed equally to this work.

Figure S1. (**a**) SEM images of GR/In$_2$O$_3$ nanocubes, (**b**) Particles size distribution image of the prepared GR/In$_2$O$_3$ nanocubes.
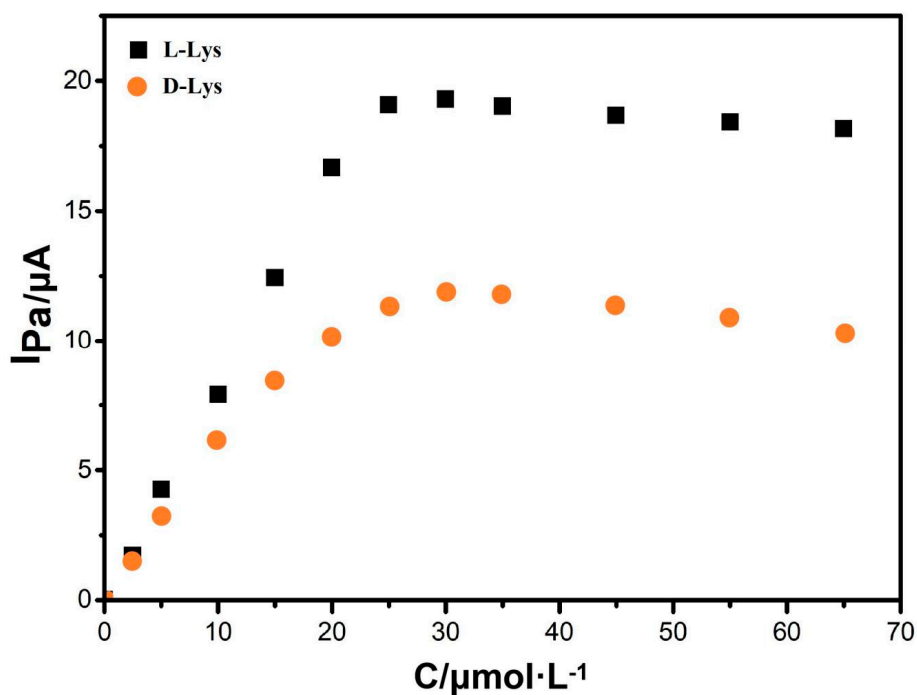
Figure S2. Response curves for the currents of L-Lys and D-Lys by the prepared GR/In$_2$O$_3$ nanocubes based electrochemical sensor.
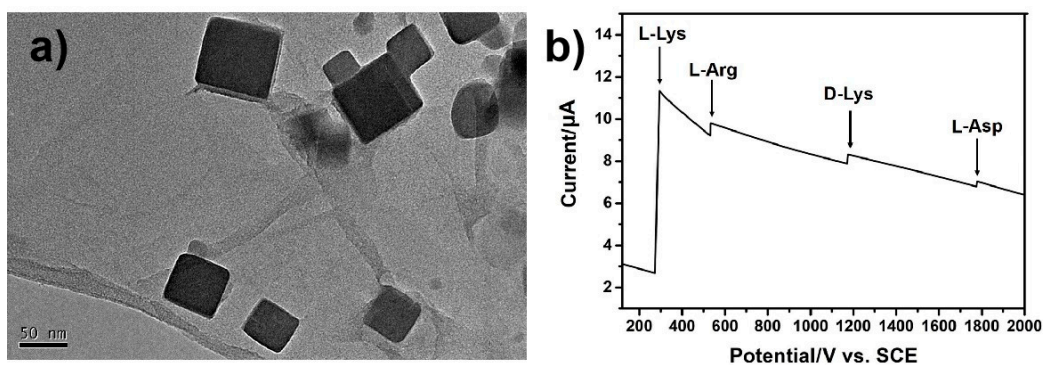

Figure S3. (**a**) Non-uniformity size distributed GR/In$_2$O$_3$ nanocubes; (**b**) Current responses obtained at GR/In$_2$O$_3$ nanocubes (with non-uniformity size range of 20–100 nm) based electrochemical sensor of amino acids extraction in Camellia Nitidissima Chi (extra addition D-Lys with a concentration of 0.45%), applied potential: 0.85 V.