Analytical and Bioanalytical Chemistry

Electronic Supplementary Material

Functionalization of indium tin oxide electrode with both of dendrimer-encapsulated Pt nanoparticles and chemically converted graphenes for enhanced electrochemiluminescence of luminol/H$_2$O$_2$

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Fig. S1 Particle size distribution of as-synthesized Pt DENs
Fig. S2 SEM image of a bare ITO
Fig. S3 CVs of (a) a bare ITO, (b) a Pt DEN-grafted ITO, and (c) a CCG-Pt DEN/ITO in 0.1 M carbonate buffer (pH 10), additionally containing 1 mM luminol or 1 mM H₂O₂.
Scan rate: 50 mV/s.