Supplemental Material for:

Selective electrochemical detection of dopamine in the presence of uric acid and ascorbic acid based on composite film modified electrode

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Table of contents:
1. **Fig. S1** TEM image of CuO nanoparticles.
2. **Fig. S2** TEM image of palladium nanoparticles.
3. **Fig. S3** XPS spectra of W 4f (a), V 2p (b), Cu 2p (c), Pd 3d (d), C 1s (e) and N 1s (f) of the \{PEI/[(P_2W_{17}V/CuO)/(CS-Pd)]_7/(P_2W_{17}V-CuO)\} composite film.
4. **Fig. S4** Amperometric response of the \{PEI/[(P_2W_{17}V-CuO)/(CS-Pd)]_7/(P_2W_{17}V-CuO)\} composite film modified electrode in the presence of 0.01 mM DA containing 1 mM uric acid (a), 1 mM ascorbic acid (b), 1 mM L-tryptophan (c), 1 mM L(+)-glutamic acid (d), 1 mM NADH (e), 1 mM folic acid (f), 10 mM NaCl (g), 10 mM KCl (h), 10 mM CaCl$_2$ (i) and 10 mM NO$_2^-$ (j) in 0.2 M PBS (pH 7.0); applied potential = 0.73 V (Ag/AgCl).
5. **Fig. S5** Cyclic voltammograms of the \{PEI/[(P_2W_{17}V-CuO)/(CS-Pd)]_7/(P_2W_{17}V-CuO)\} composite film curves for 100 cycles in 0.2 M PBS (pH 7.0). Scan rate: 50 mV s$^{-1}$.
6. **Fig. S6** The amperometric responses of the \{PEI/[(P_2W_{17}V-CuO)/(CS-Pd)]_7/(P_2W_{17}V-CuO)\} composite film to 0.05 mM DA in 30 days in 0.2 M PBS (pH 7.0).
Fig. S1 TEM images of CuO nanoparticles.

Fig. S2 TEM images of palladium nanoparticles.

Fig. S3 XPS spectra of W 4f (a), V 2p (b), Cu 2p (c), Pd 3d (d), C 1s (e) and N 1s (f) of the \{PEI[(P_2W_{17}V-CuO)/(CS-Pd)]_7/(P_2W_{17}V-CuO)\} composite film.
**Fig. S4** Amperometric response of the \{PEI/[(P_2W_{17}V-CuO)/(CS-Pd)]//(P_2W_{17}V-CuO)\} composite film modified electrode in the presence of 0.01 mM DA containing 1 mM uric acid (a), 1 mM ascorbic acid (b), 1 mM L-tryptophan (c), 1 mM L(+)-glutamic acid (d), 1 mM NADH (e), 1 mM folic acid (f), 10 mM NaCl (g), 10 mM KCl (h), 10 mM CaCl_2 (i) and 10 mM NO_2^- (j) in 0.2 M PBS (pH 7.0); applied potential = 0.73 V (Ag/AgCl).

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