

## Electronic Supporting Material

**A voltammetry sensor based on metal-organic framework derived metal  
oxide/reduced graphene oxide nanocomposite for the determination of  
dipyridamole**

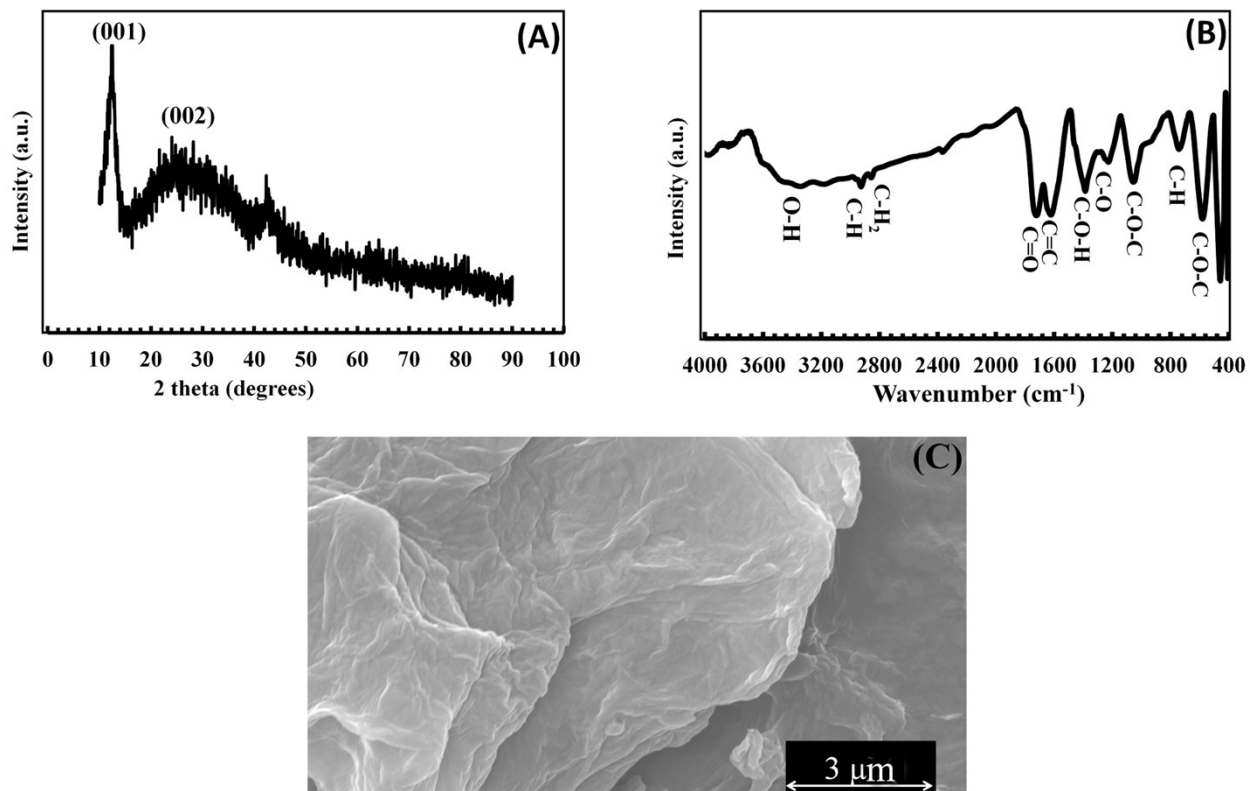
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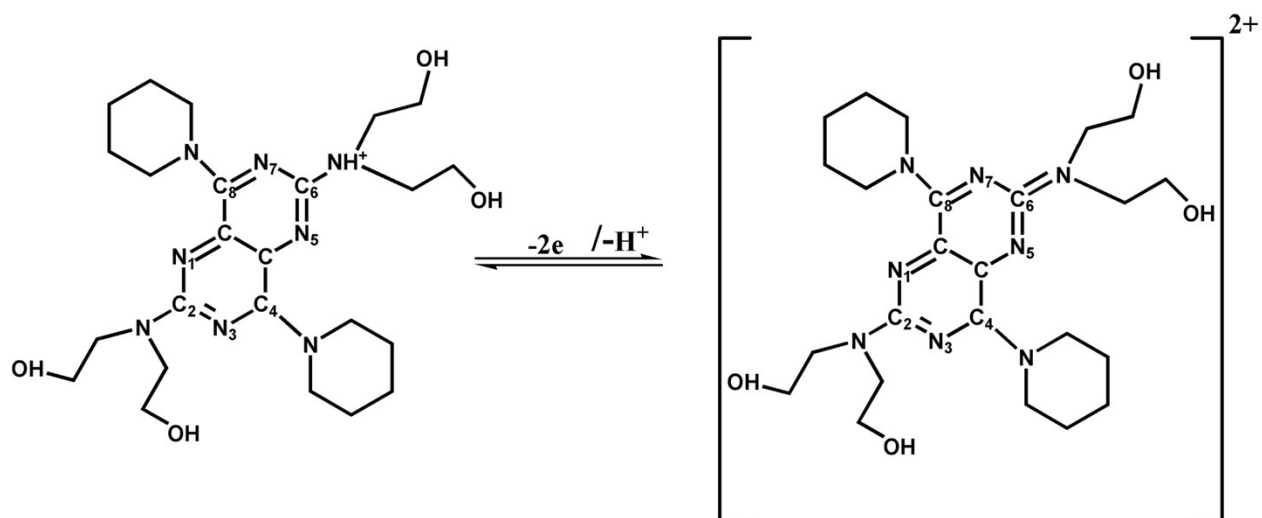
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**Fig. S1** (A) XRD pattern, (B) FT-IR, and (C) FE-SEM of GO



**Scheme S1** The oxidation mechanism of DIP on the NiCo<sub>2</sub>O<sub>4</sub>/NiO@MOF-5/rGO -1/GCE.

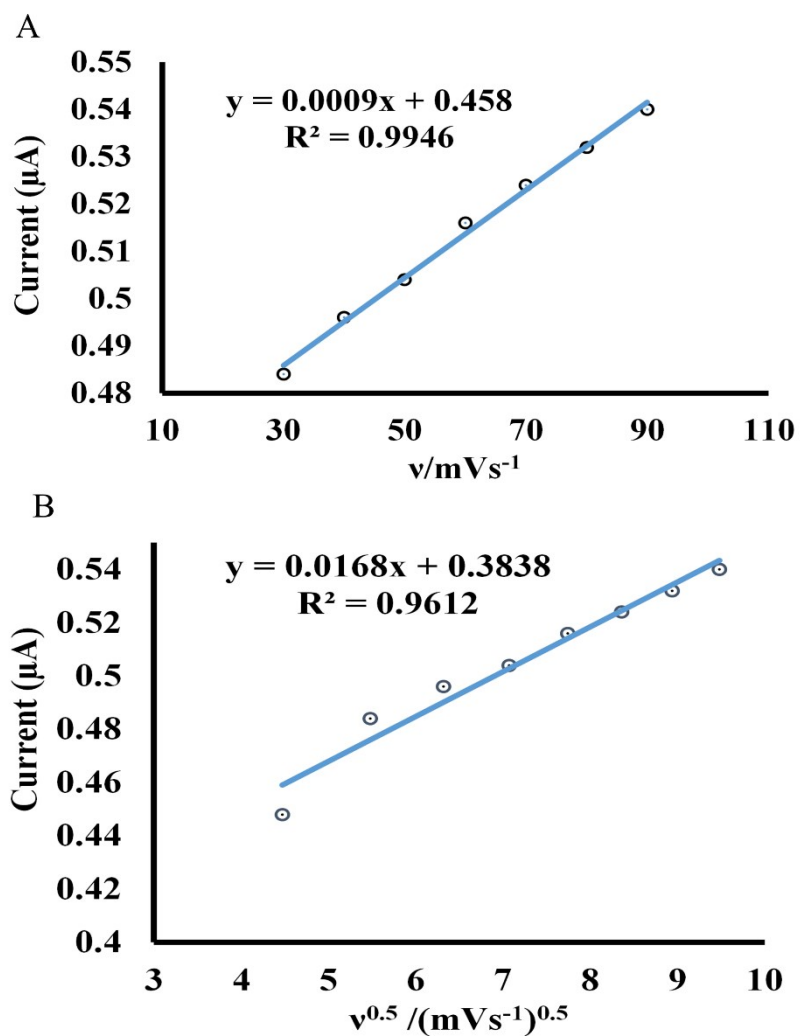
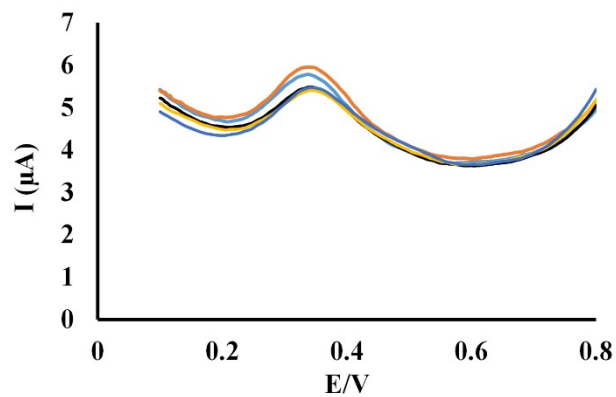
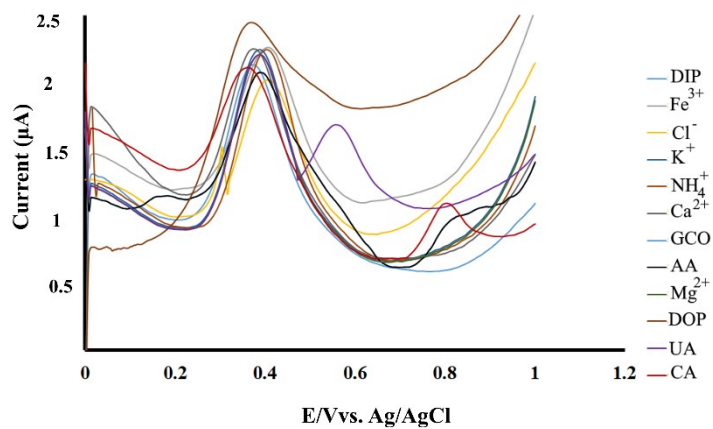


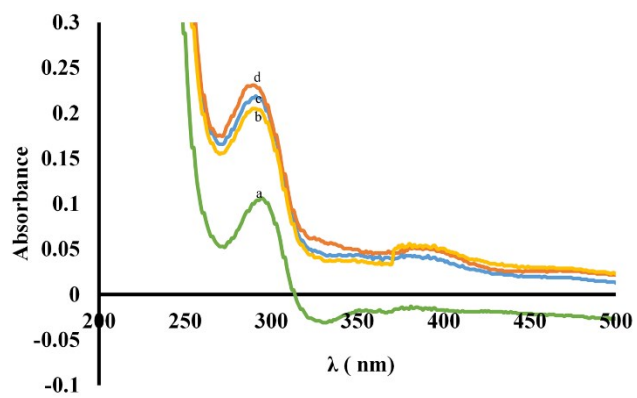
Fig. S2 (A) peak currents of 50.0  $\mu\text{M}$  DIP vs. scan rate and (B) square root of scan rate



**Fig. S3** DPVs of five separate electrodes for determining 2.0 µM DIP.



**Fig. S4** DPVs of 2.0 µM DIP detection in presence common potential interfering species.



**Fig. S5** UV-Vis spectra of (a) real sample and (b, c and d) real sample and standard addition of MTX.