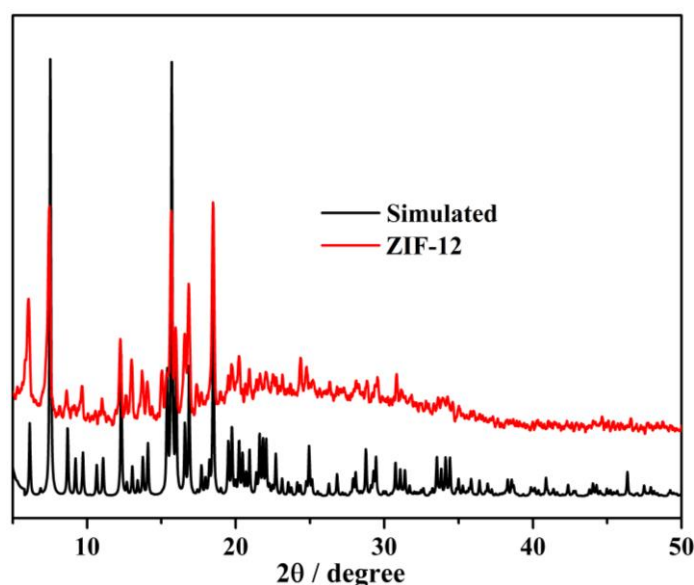
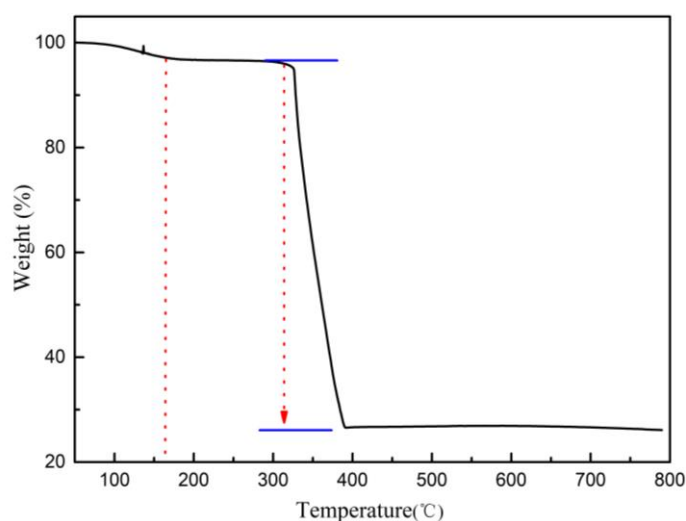


Electronic Supplementary Material**ZIFs derived Co_3O_4 nanoparticles anchored on graphene for highly sensitive uric acid electrochemical sensor**Gaihua Li (✉)^{1,2,3}, Xiuge Wang¹, Shuang Liu¹, and Xuerui Tian^{1,2}¹ Department of Chemistry, Tangshan Normal University, Tangshan 063000, China² Hebei Key Laboratory of Degradable Polymers, Tangshan Normal University, Tangshan 063000, China³ Tangshan Key Laboratory of Green Specialty Chemicals, Tangshan Normal University, Tangshan 063000, China

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**Fig. S1** XRD patterns of ZIF-12 and simulated one.**Fig. S2** TG curve of ZIF-12.

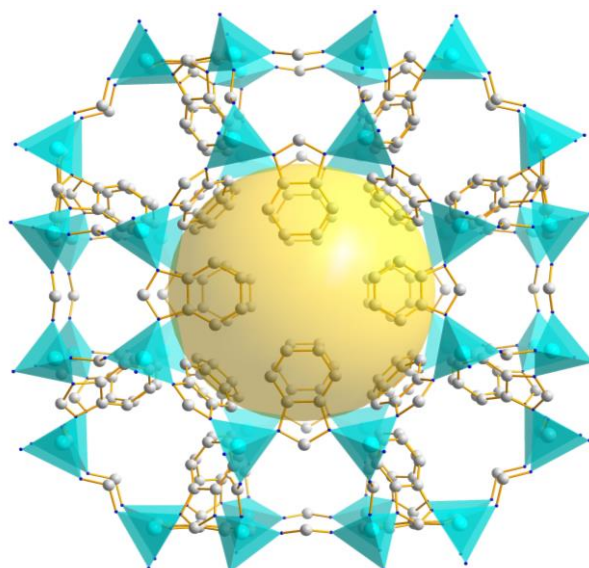


Fig. S3 The structure of ZIF-12.

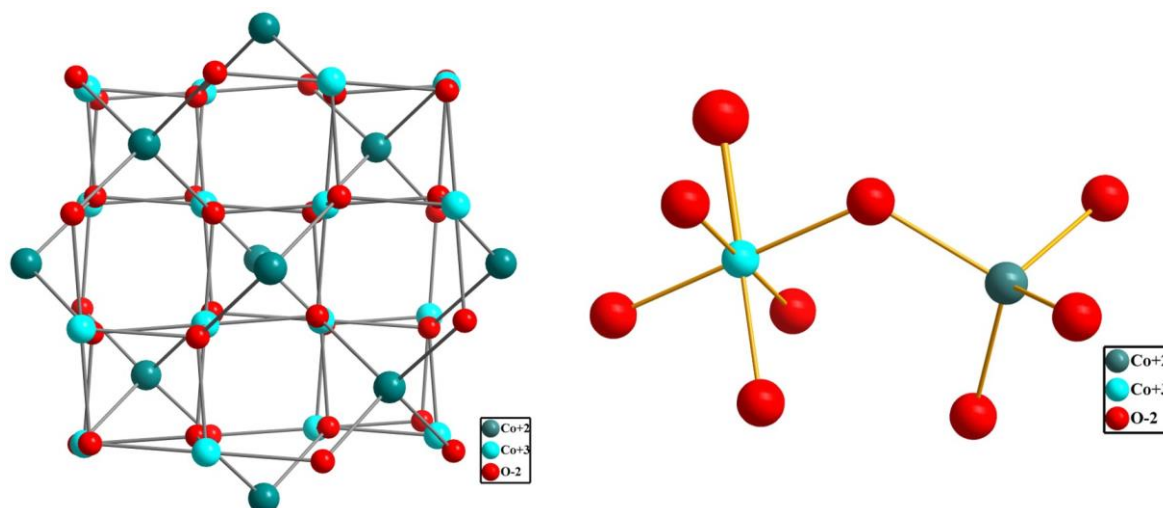


Fig. S4 The structure of Co_3O_4 .

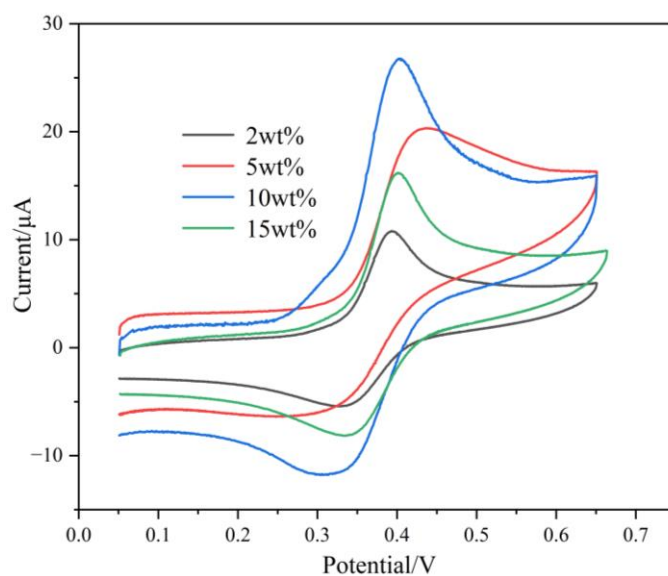


Fig. S5 Influence of the graphene content on the determination of UA.

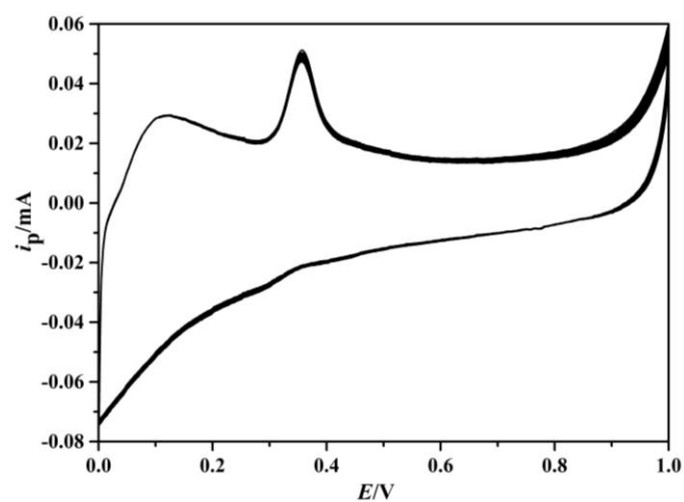


Fig. S6 Cyclic voltammetry scanning 20 laps of Co₃O₄/graphene-GCE in PBS (pH 6.0) containing 0.1 mmol·L⁻¹ UA.

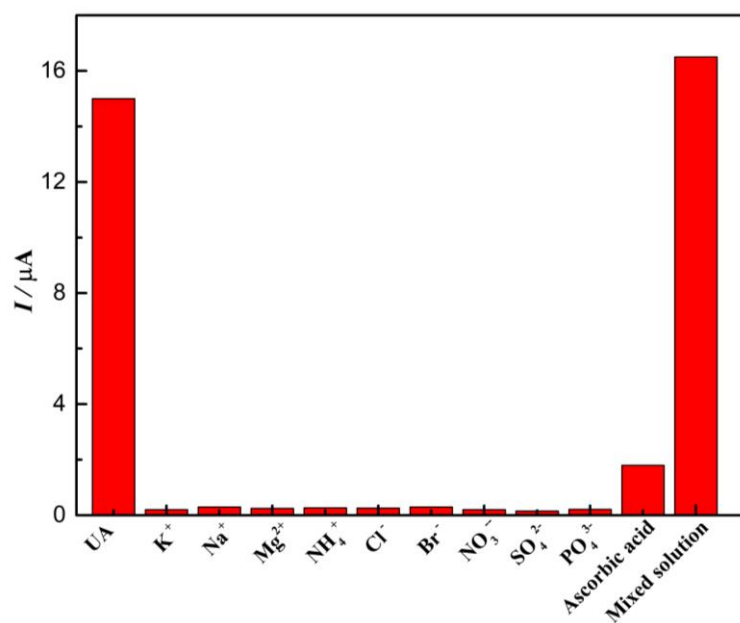


Fig. S7 Influence of some possible interfering substances on the determination of 0.1 mmol·L⁻¹ UA.