

ARTICLE

One-Pot Self-Assemble Preparation of Thiol-Functionalized Poly(3,4-ethylenedioxythiophene) hollow nanospheres/Au Composites, and Its Electrocatalytic Properties

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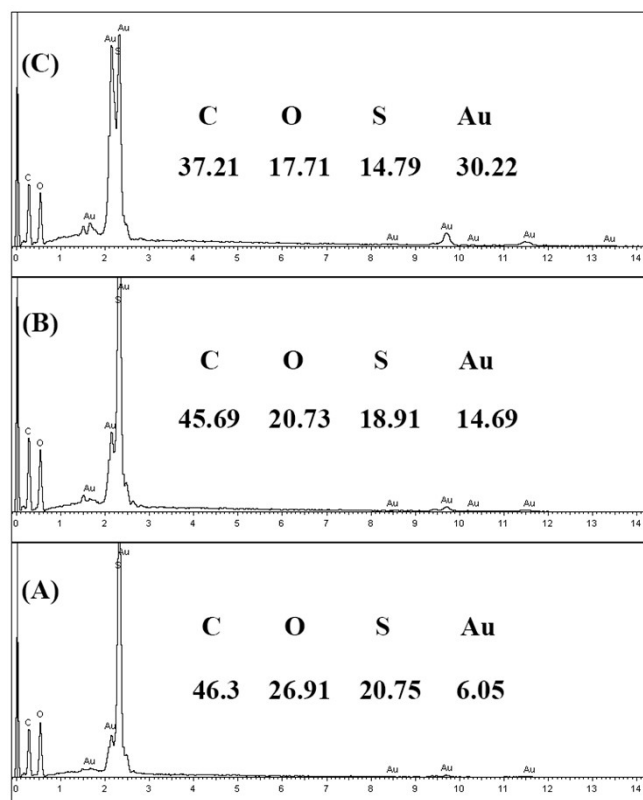


Fig. S1 EDX of Poly(EDOT-MeSH) hollow nanospheres/Au composites.

Table S1 Performances of Poly(EDOTMeSH)/Au(30 wt%) modified electrode for detection of AA, DA, UA and NO₂⁻.

Sample	Linear response range(μM)	Linear regression equation	R ²	Limit of detection(μM)
AA	0.1-650	y=0.019C+0.061	0.988	0.2
DA	0.05-100	y=0.016C+0.19	0.995	0.02
UA	100-800	y=0.008C+1.03	0.998	
NO ₂ ⁻	0.1-600	y=0.012C+0.29	0.996	0.08
	0.2-300	y=0.008C+0.17	0.998	0.05

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