

A simple one-pot synthesis of graphene nanosheets/SnO₂ nanoparticles hybrid nanocomposites and their application for selective and sensitive electrochemical detection of dopamine

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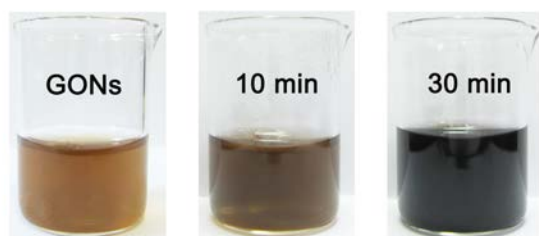


Fig. S1 Photos of the GONs dispersion at different reaction time.

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Table S1 Comparison of different modified electrodes for DA determination.

Modified electrode	Linear range (μM)	LOD (μM)	Fabrication methods	References
SDS-GNs/SnO ₂ /GCE	0.1–10	0.08	Coating	This work
β -CD-MWCNTs/Plu-AuNPs/GCE	1.0–50	0.38	Coating	[1]
Nano-MnOOH/GCE	1.2–200	0.1	Coating	[2]
Poly(L-arginine)/CPE	50–100	0.5	Electropolymerization	[3]
Ag ₂ S/GCE	1.0–10	1.0	Electropolymerization	[4]
Graphene-AuNPs/GCE	5.0–1000	1.86	Coating	[5]

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