Supporting Information

Template-assisted synthesis of 3D ordered mesoporous graphitic carbon nitride decorated with gold nanoparticles for dopamine sensing

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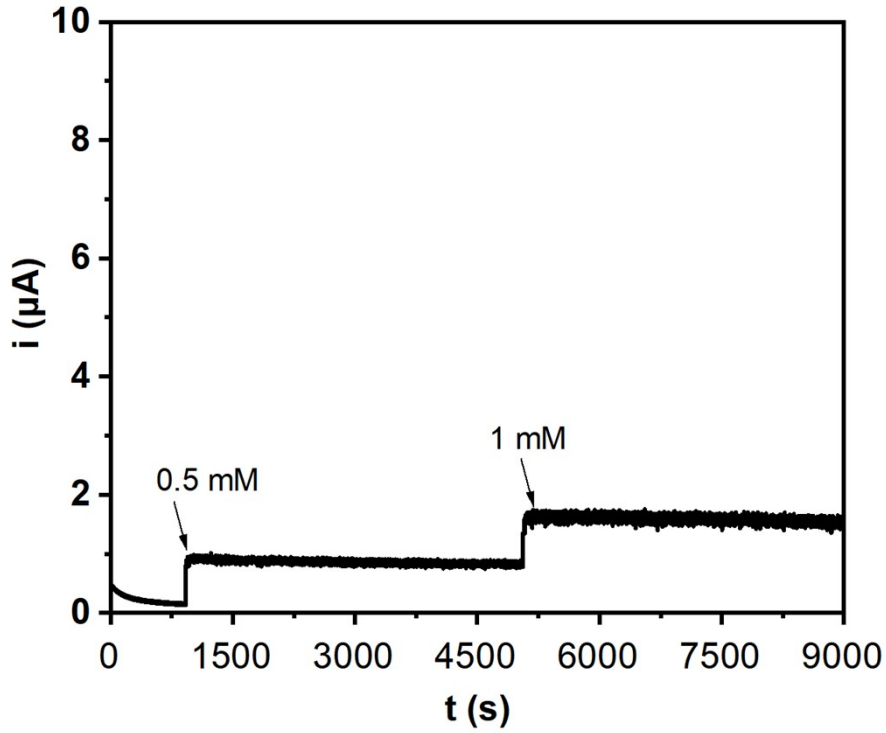

Fig.S1. the stability of Au /3Dom CN.

Table S1. Comparison of other electrochemical sensors based on g-C_3N_4 materials for DA detection

Electrode	Linear range (μM)	LOD (μM)	References
AuNF@g-C_3N_4–PANI	0.05 - 1.6	0.017	[1]
G-C_3N_4/TiO_2	0.1 - 50	0.02	[2]
g-C_3N_4/Co	1 - 400	0.5	[3]
CuO/g-C_3N_4	0.2-78.7	0.06	[4]
CuX/S-doped g-C_3N_4	0-200	0.1227	[5]
g-C_3N_4/GO	0.03–30	0.054	[6]
g-C_3N_4/GO	2.5-220	0.07	[7]
2HP5@GNP@WP5@g-C_3N_4	0.0125-5.0	0.04	[8]
g-C_3N_4/CuO	0.002-71	0.001	[9]
Pt@g-C_3N_4/N-CNTs	1-100	2.99	[10]
g-C_3N_4/MWNTs/GO	2-100	0.22	[11]
BPCl/C_3N_4	0.05–10	0.023	[12]
g-C_3N_4@CuNi	0-300	0.001	[13]
CuO/g-C_3N_4	0.31	0.5-50	[14]
g-C_3N_4/WO_3	0.05-50	0.119	[15]
Au/3Dom CN	0 - 275	0.02	This work

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