Supporting Information

Hierarchically Structured Composite of Mn₃O₄/3D Graphene Foam for Flexible Nonenzymatic Biosensors

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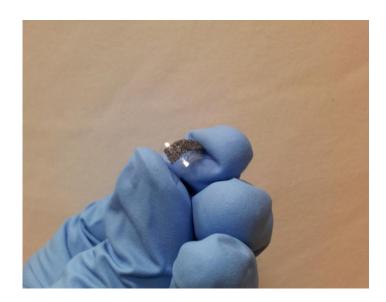


Figure S1. Photograph of the Flexible biosensor based on Mn₃O₄/3DGF freestanding electrode.

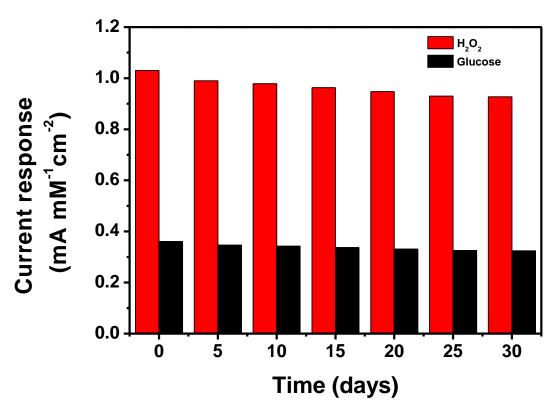


Figure S2. The current response of the $Mn_3O_4/3DGF$ biosensor for 1 mM H_2O_2 and 1 mM glucose over one month period.

Table S1. The relative current change of various interferents to 0.1 mM H_2O_2 (%) on the $Mn_3O_4/3DGF$ electrode at the potential of 0 V.

Interferent	0.05 mM	0. 1 mM	0. 5 mM	5 mM
Glucose	0	0	0	0.3
Fructose	0	0	0	0.5
Glutamine	0	0	0	0.2
Ascorbic acid	0	0	3.8	7.6
Uric acid	0	0	0.5	1.0
Nitrite	0	0	0.6	2.9

Table S2. The recovery results of H_2O_2 determination in milk samples.

Sample	Tested value (mM)	R.S.D (%)	Added (mM)	Recovery (%)
1	0.105	3.87	0.100	95.23
2	0.192	4.98	0.200	96.00
3	0.314	4.62	0.300	95.54

^{*} R.S.D (%) was calculated from three independent experiments.