

## Electronic Supplementary Information

### Robust glucose oxidase with Fe<sub>3</sub>O<sub>4</sub>@C-silica nanohybrid structure

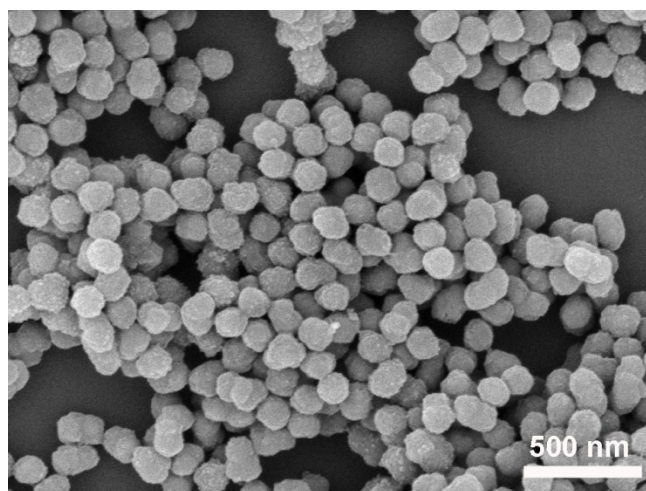
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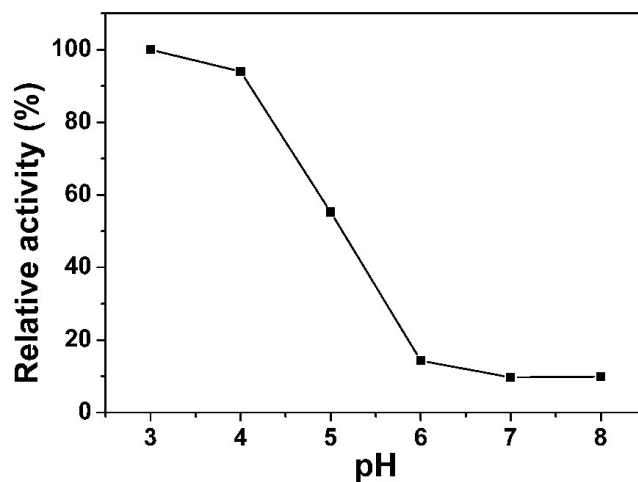
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### Figures



**Fig. S1** SEM image of Fe<sub>3</sub>O<sub>4</sub>@C-GOD nanoparticles.



**Fig. S2** Effect of pH on the H<sub>2</sub>O<sub>2</sub> catalytic relative activity of Fe<sub>3</sub>O<sub>4</sub>@C nanoparticles. It indicated that Fe<sub>3</sub>O<sub>4</sub>@C nanoparticles showed no catalytic activity at neutral condition.

**Table S1** Absorbance of phosphate buffer solution after 7 recycled of Fe<sub>3</sub>O<sub>4</sub>@C-GOD-SiO<sub>2</sub> nanohybrids, demonstrating that the nanohybrids could be entirely recycled from solution by magnet without given a false activity during the UV-vis measurement.

Number of cycles	Absorbance
1	0.0091
2	0.0112
3	0.0099
4	0.0047
5	0.0096
6	0.0059
7	0.0117