

Supporting Information

Functionalized Fe₃O₄@C nanospheres with adjustable structure for efficient hexavalent chromium removal

Linglin Zhou,^{†,‡} Guilong Zhang,^{†,||} Jie Tian,[‡] Dongfang Wang,^{†,‡} Dongqing Cai,^{*,†,||}

Zhengyan Wu^{*,†,||}

[†]*Key Laboratory of High Magnetic Field and Ion Beam Physical Biology, Hefei Institutes of Physical Science, Chinese Academy of Sciences, 350 Shushanhu Road, Hefei 230031, People's Republic of China*

[‡]*University of Science and Technology of China, No. 96 Jinzhai Road, Hefei 230026, People's Republic of China*

^{||}*Key Laboratory of Environmental Toxicology and Pollution Control Technology of Anhui Province, Hefei Institutes of Physical Science, Chinese Academy of Sciences, 350 Shushanhu Road, Hefei 230031, People's Republic of China*

**D.C. Email: dqcai@ipp.ac.cn.*

**Z.W. Email: zywu@ipp.ac.cn.*

Number of Tables: 1

Number of Figures: 1

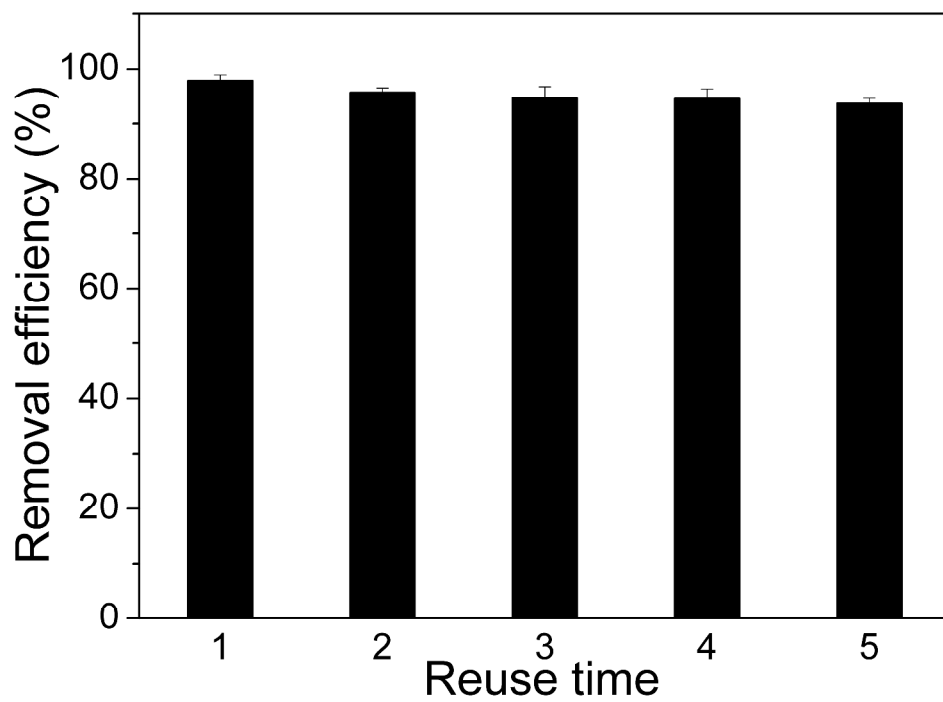


Figure S1. Reuse performance of Fe₃O₄@C-4 on Cr(VI) removal.

Table S1. Pore volume and size of different samples.

Samples	Pore volume (cm ³ /g)	Pore radius (nm)
Fe ₃ O ₄ @C-1	0.078	1.5679
Fe ₃ O ₄ @C-2	0.106	1.5674
Fe ₃ O ₄ @C-3	0.056	1.5705
Fe ₃ O ₄ @C-4	0.060	3.506