

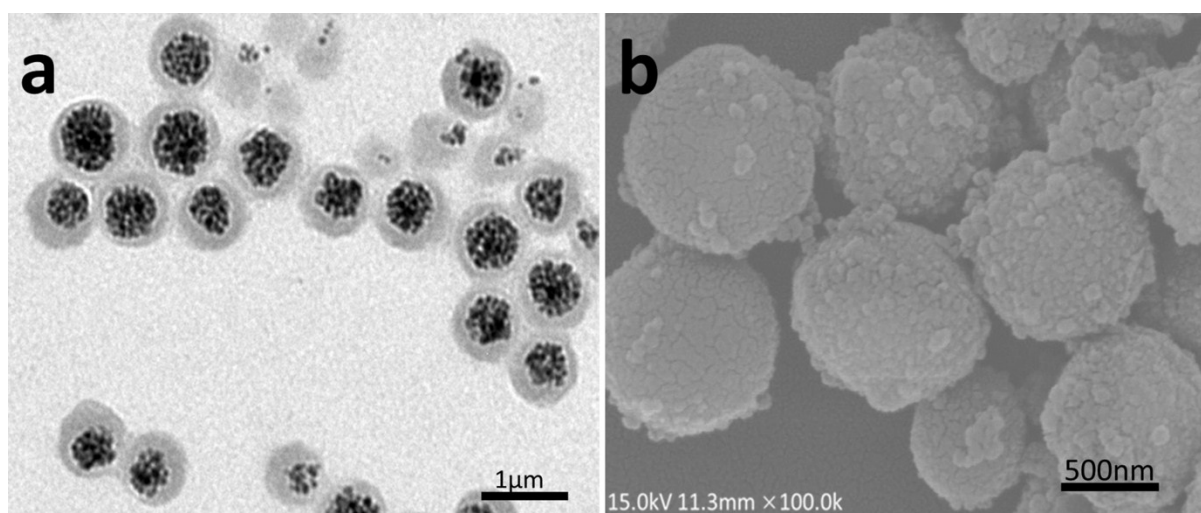
ELECTRONIC SUPPLEMENTARY INFORMATION

Cross-linked PS-DVB/Fe₃O₄ microspheres with quaternary ammonium groups and application in removal of nitrate from water

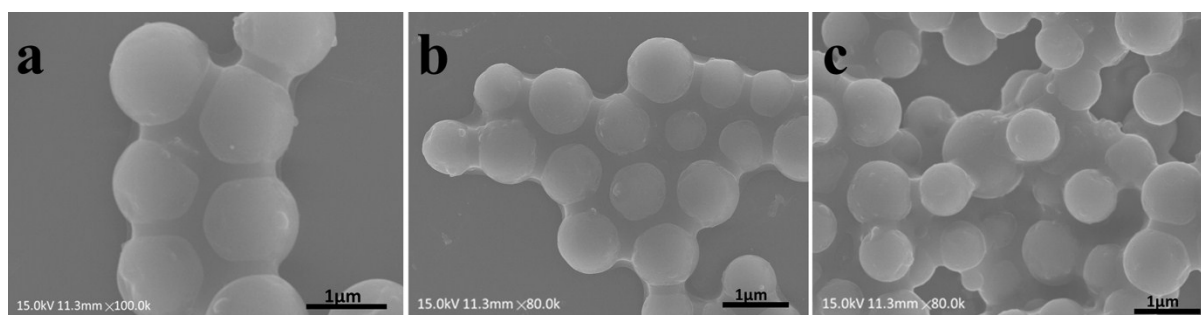
Zhenliang Feng¹, Wenrui Wei¹, Litong Wang¹, Ruoyu Hong^{1, 2*}

1. School of Chemical Engineering, Fuzhou University, Fuzhou 350108, China

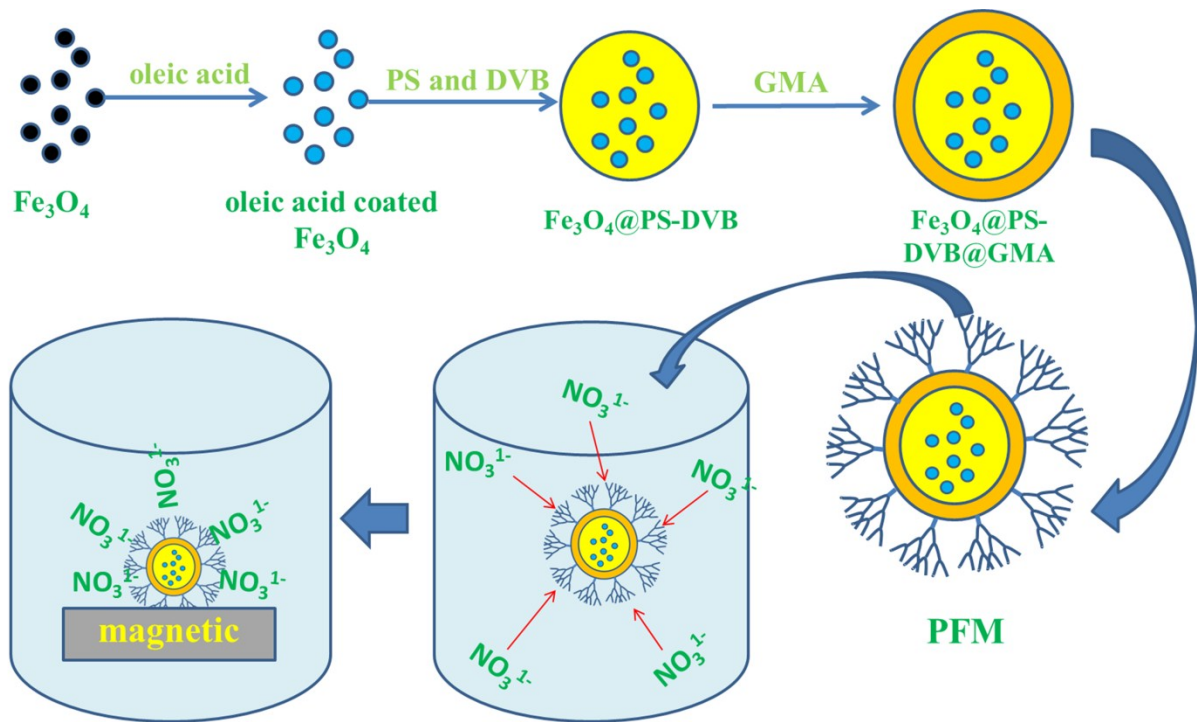
2. College of Chemistry, Chemical Engineering and Materials Science & Key Laboratory of Organic Synthesis of Jiangsu Province, Soochow University, SIP, Suzhou 215123, China



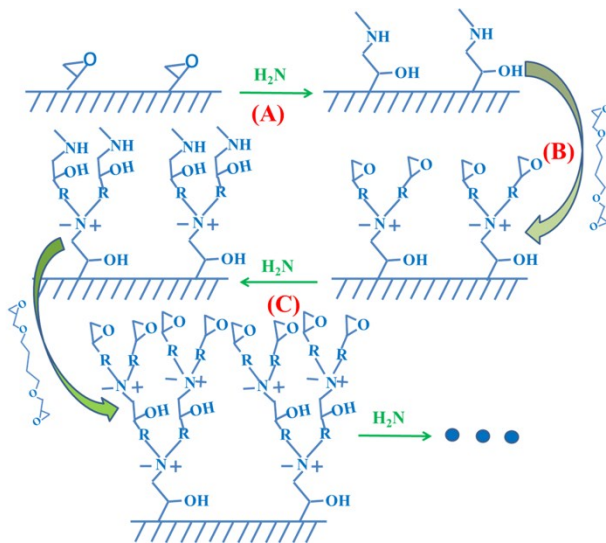
ESI-1#: (a) TEM and (b) SEM images of the PFM-3.



ESI-2#: (a) SEM image of PFM-2, (b) SEM image of PFM-3, (c) SEM image of PFM-4



ESI-3#: Schematic of the formation process of PFM.



ESI-4#: Overview of PFM functionalization pathways.