

Electronic Supplementary Information

Assembly of dendrimer-stabilized gold nanoparticles onto electrospun polymer nanofibers for catalytic applications

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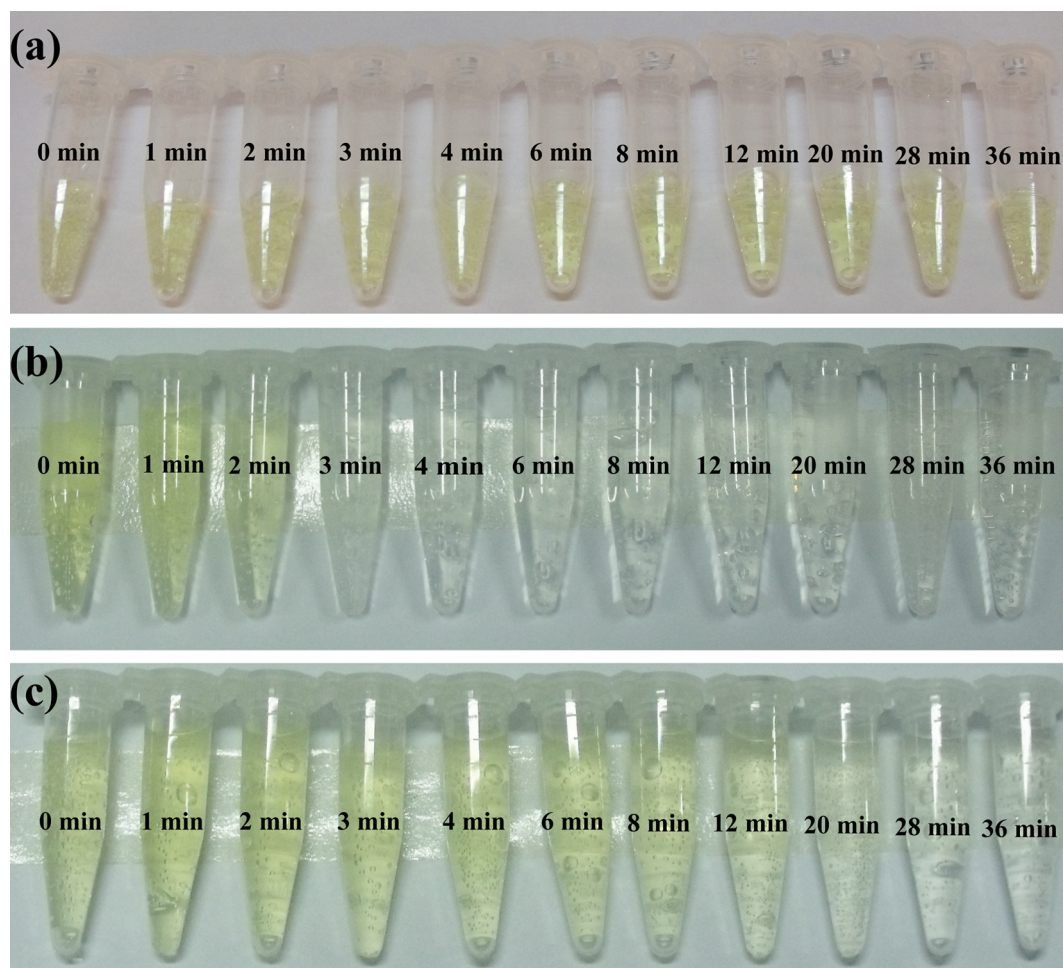


Figure S1. Photographs of the 4-nitrophenol solution after exposure of the PAA/PVA nanofibrous mat without Au DSNPs (a), the Au DSNP-assembled PAA/PVA nanofibrous mats formed via physical adsorption (b), and the hybrid Au DSNP-assembled PAA/PVA nanofibrous mats formed via chemical reaction (c) at different time intervals.

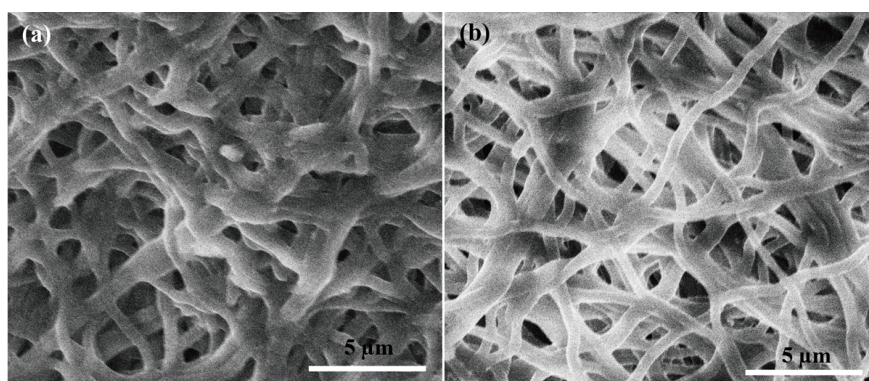


Figure S2. SEM micrographs of the Au DSNP-assembled PAA/PVA nanofibers via physical assembly (a) and chemical reaction (b) after 3 catalytic reaction cycles.

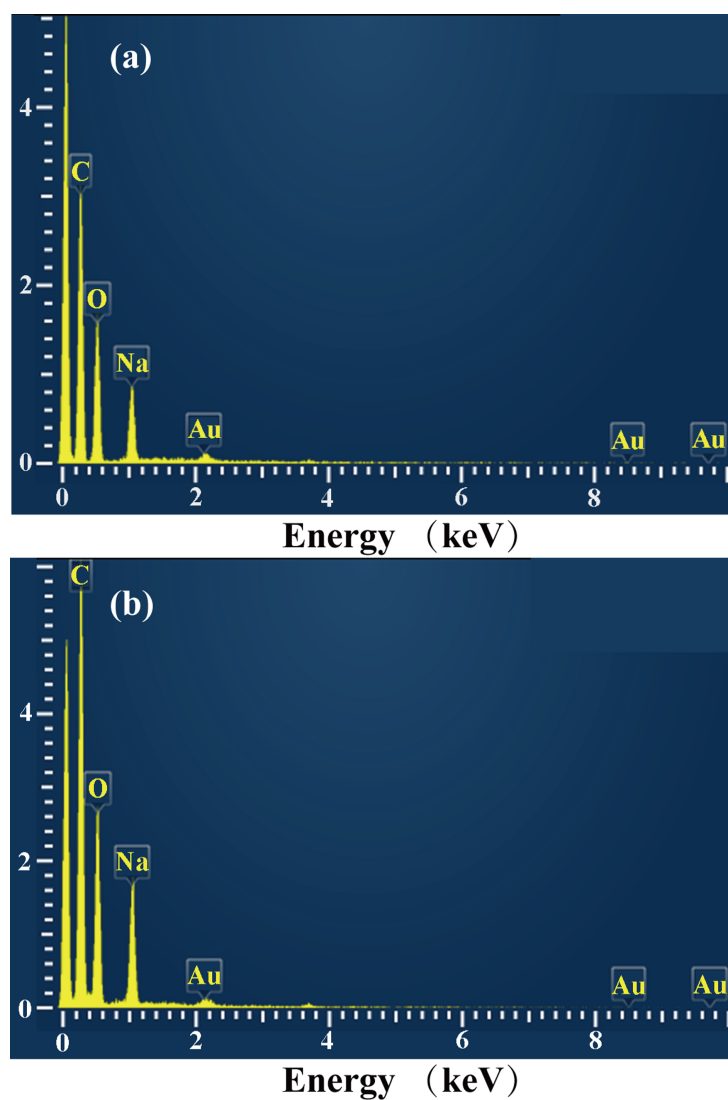


Figure S3. EDS spectra of the Au DSNP-assembled PAA/PVA nanofibers via physical assembly (a) and chemical reaction (b) after 3 catalytic reaction cycles.