Electronic Supporting Information (ESI)

Highly efficient polydopamine coated polymethylmethacrylate nanofiber supported platinum-nickel bimetallic catalyst for formaldehyde oxidation at room temperature

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Table of Contents

Figure S1. Scheme of the home-made instrument for the test of HCHO conversion and the air resistance over the catalyst	S 2
Figure S2. Standard curve of the HCHO conversion detected by UV accessory	S2
Figure S3. FT-IR spectrum of PMMA, PMMA@PDA and PtNi/PMMA@PDA	S 3
Figure S4. EDS elemental mapping and spectrum of PtNi/PMMA@PDA-1/10	S 4
Figure S5. TEM image of PtNi/PMMA@PDA nano-fibrous membrane with relative low magnification	S5

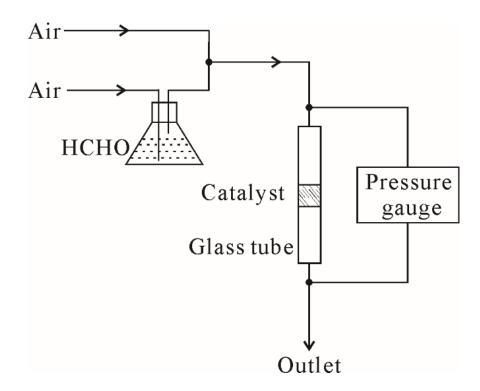


Figure S1. Scheme of the home-made instrument for the test of HCHO conversion and the air resistance over the catalyst

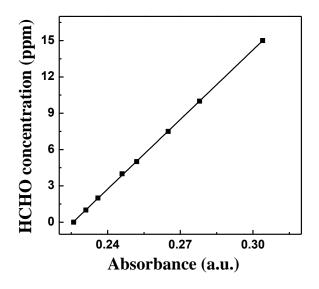


Figure S2. Standard curve of the HCHO conversion detected by UV accessory

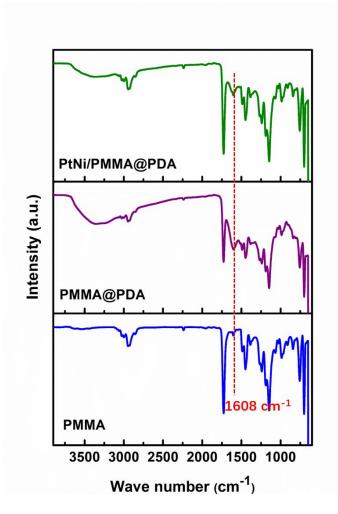


Figure S3. FT-IR spectrum of PMMA, PMMA@PDA and PtNi/PMMA@PDA

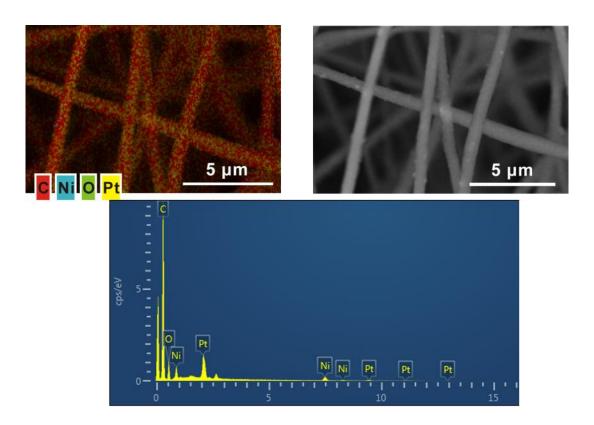


Figure S4. EDS elemental mapping and spectrum of PtNi/PMMA@PDA-1/10

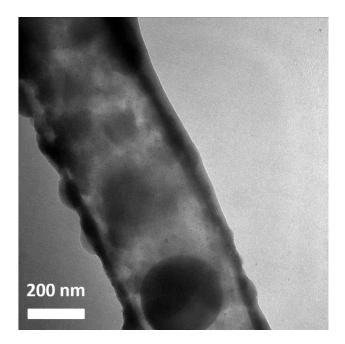


Figure S5. TEM image of PtNi/PMMA@PDA nano-fibrous membrane with relative low magnification