

Supporting Information

Formation of the modified ultrafine anatase TiO₂ nanoparticles using the nanofiber as a micro-sized reactor

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Fig. S1 Optical photo of the as-electrospun TiO₂/PVP nanofibers similar with the one in the absence of TiO₂.

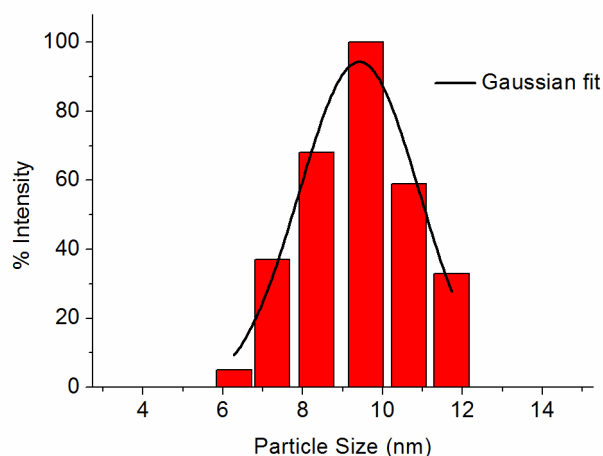


Fig. S2 Particle size distribution via dynamic light scattering (DLS) of TiO₂-OFG dispersed in water.

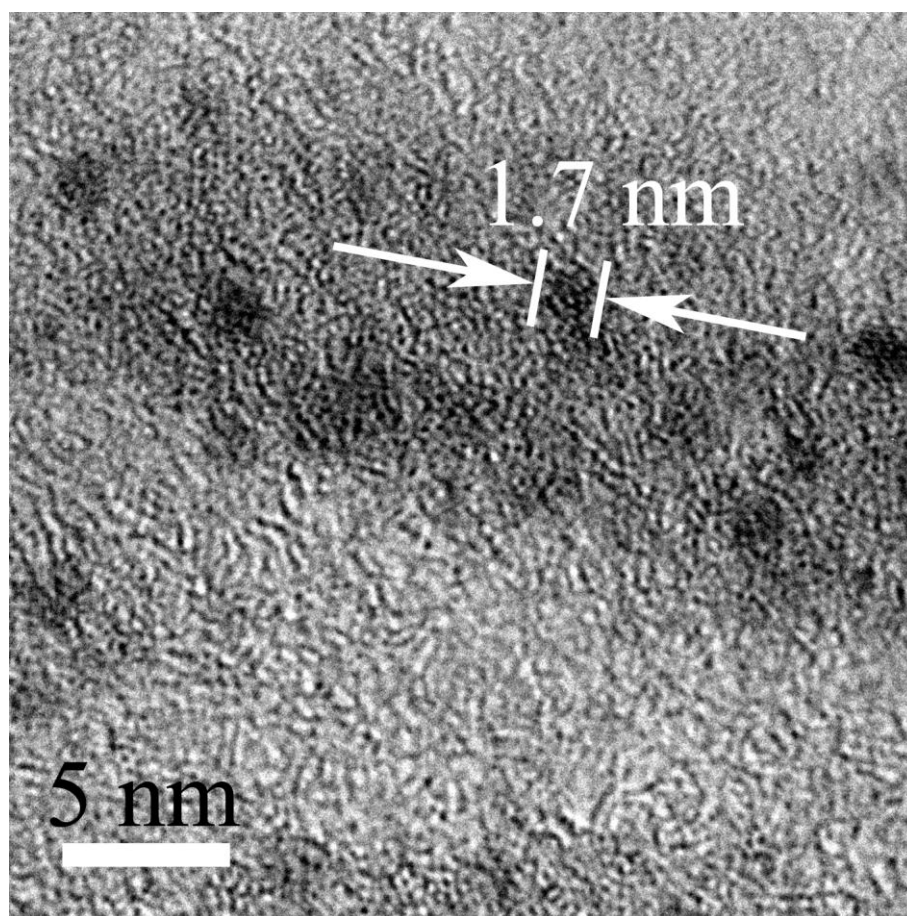


Fig. S3 HR-TEM image of the amorphous TiO_2 nanoparticles after dissolving PVP from the as-electrospun TiO_2 /PVP nanofibers.



Fig. S4 Appearance of TiO_2 -OFG dispersed in water: (a) as-prepared and (b) one week later.