Electronic Supplementary Information

ALD coating of centrifugally spun polymeric fibers and postannealing: case study for nanotubular TiO_2 photocatalyst

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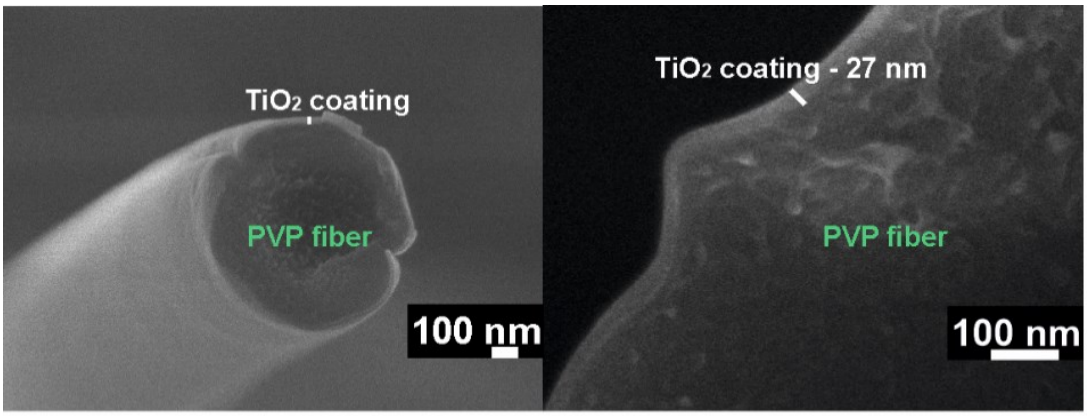

Figure S1. SEM high-magnification images showing cross-sectional views on a PVP fiber coated with TiO_2 by applying 200 ALD cycles, before annealing.

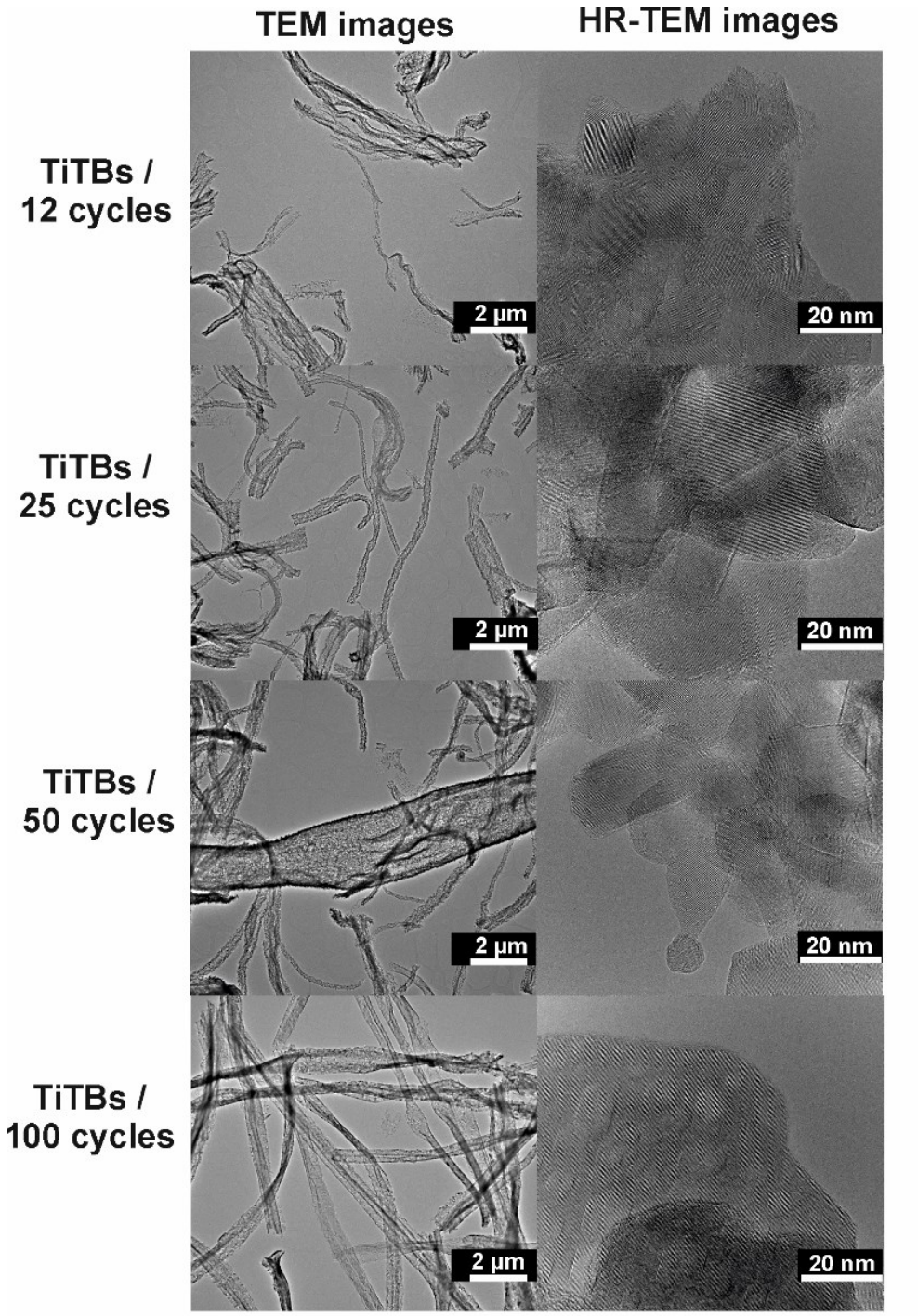

Figure S2. TEM and HR-TEM images of TiTBs obtained after annealing TiO_2-coated PVP fibers with 12, 25, 50, or 100 ALD coating cycles.

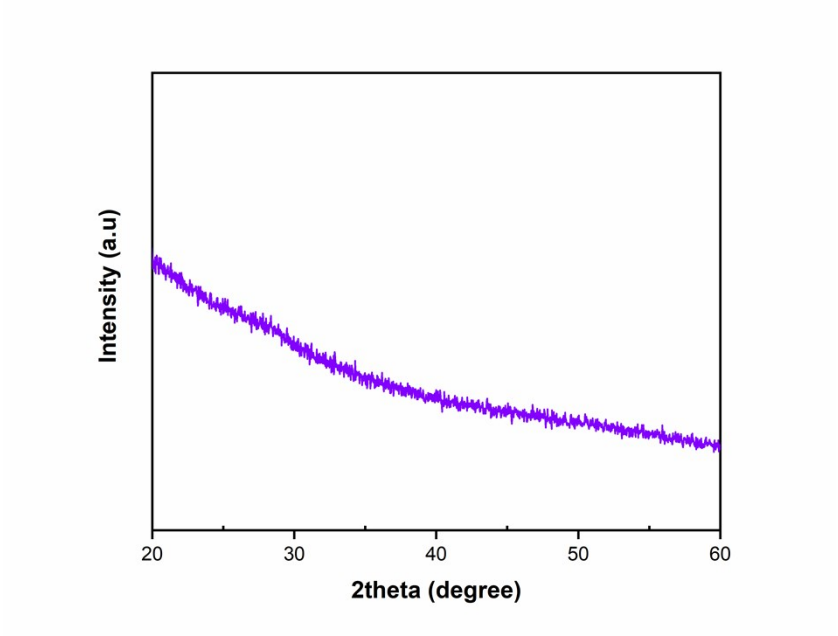

Figure S3. XRD pattern for PVP fibers with TiO_2 ALD coating after applying 200 coating cycles, showing the amorphous nature of the TiO_2 ALD coating.