

Supporting Information

Three-dimensional Hierarchical Metal-Carbon Electrode Material for High Efficient Microbial Electrosynthesis

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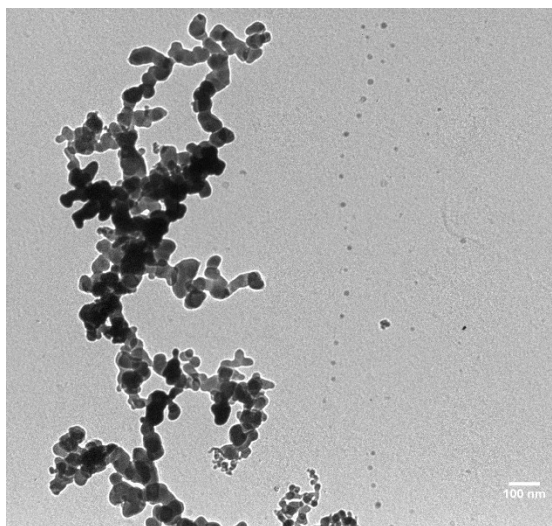


Figure S1. TEM image of dendritic nanostructures: the contrast difference further demonstrates the hybrid property of material.

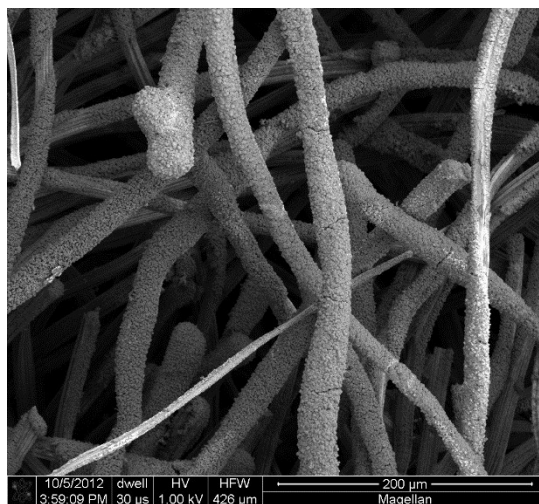


Figure S2. SEM image of modified carbon felt after sonicating in water for 30 mins which identify the physical stability of nano-dendritic structures.

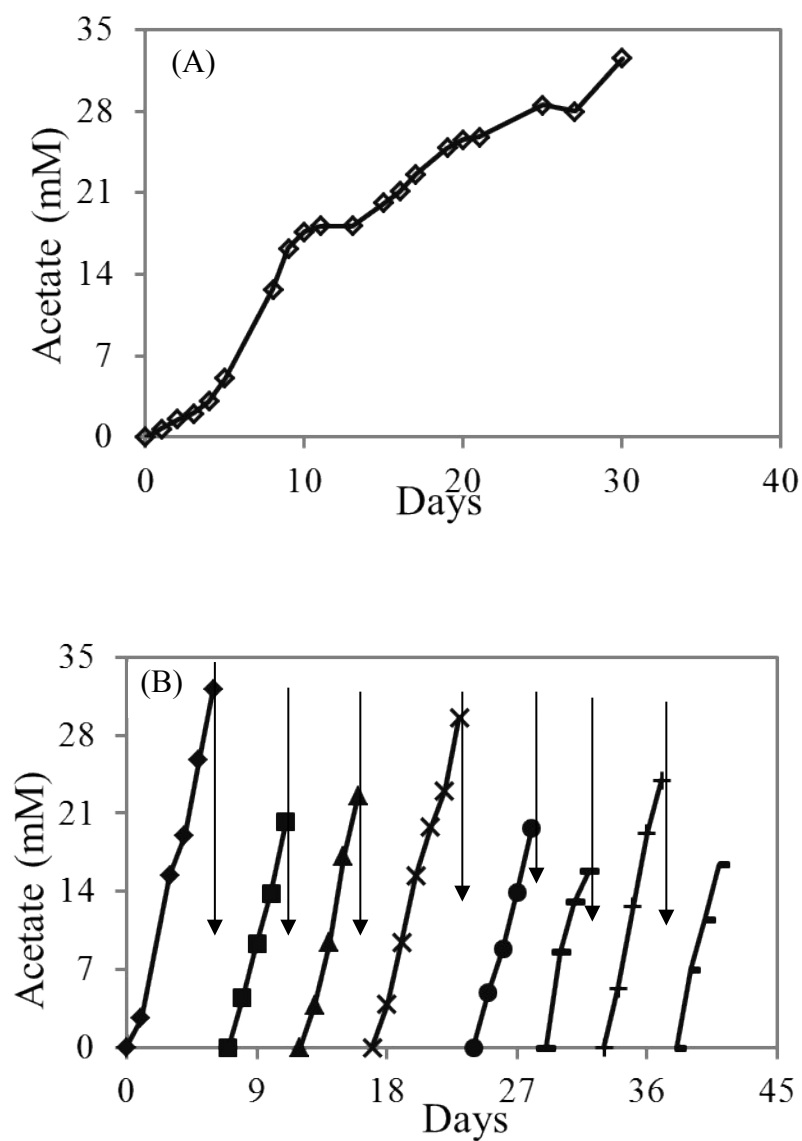


Figure S3. Acetate production over time with different cathodes: (A) unmodified carbon felt, (B) modified carbon felt. The arrow in Figure B indicates fresh medium swapped.