

Supporting Information

Facile Synthesis of C₆₀-Nano Materials and their Application in High-Performance Water Splitting Electrocatalysis

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Table of Contents

Figure S1. SEM characterization for the C ₆₀ nanotubes.....	S2
Figure S2. EDX characterization for the C ₆₀ nanostructures: a) C ₆₀ nanosheets, b) C ₆₀ nanotubes.	S2
Figure S3. UV-Vis characterization for the C ₆₀ nanostructures.	S3
Figure S4. Cyclic Voltammogram under Ar-saturated solutions and Oxygen-saturated solution (scan rate 50mV/s) for a) C ₆₀ , b) C ₆₀ nanosheets and c) C ₆₀ nanotubes. 0.5 M NaOH is the solution was used as electrolyte	S3
Figure S5. LSV before and after durability test for the C60 nanotubes (2500 r.p.m rotation rate).	S4
Figure S6. Evolution of the LSVs of the C ₆₀ nanotubes with time. 0.5 M H ₂ SO ₄ at 2 mV · s ⁻¹ was used as electrolyte.....	S4

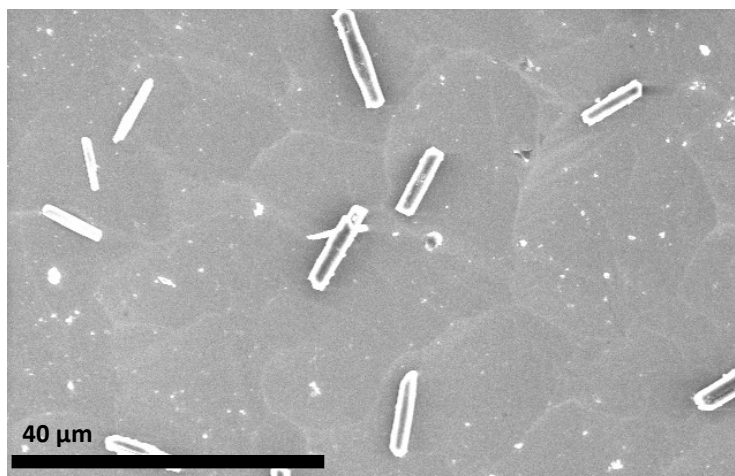


Figure S1. SEM characterization for the C₆₀ nanotubes.

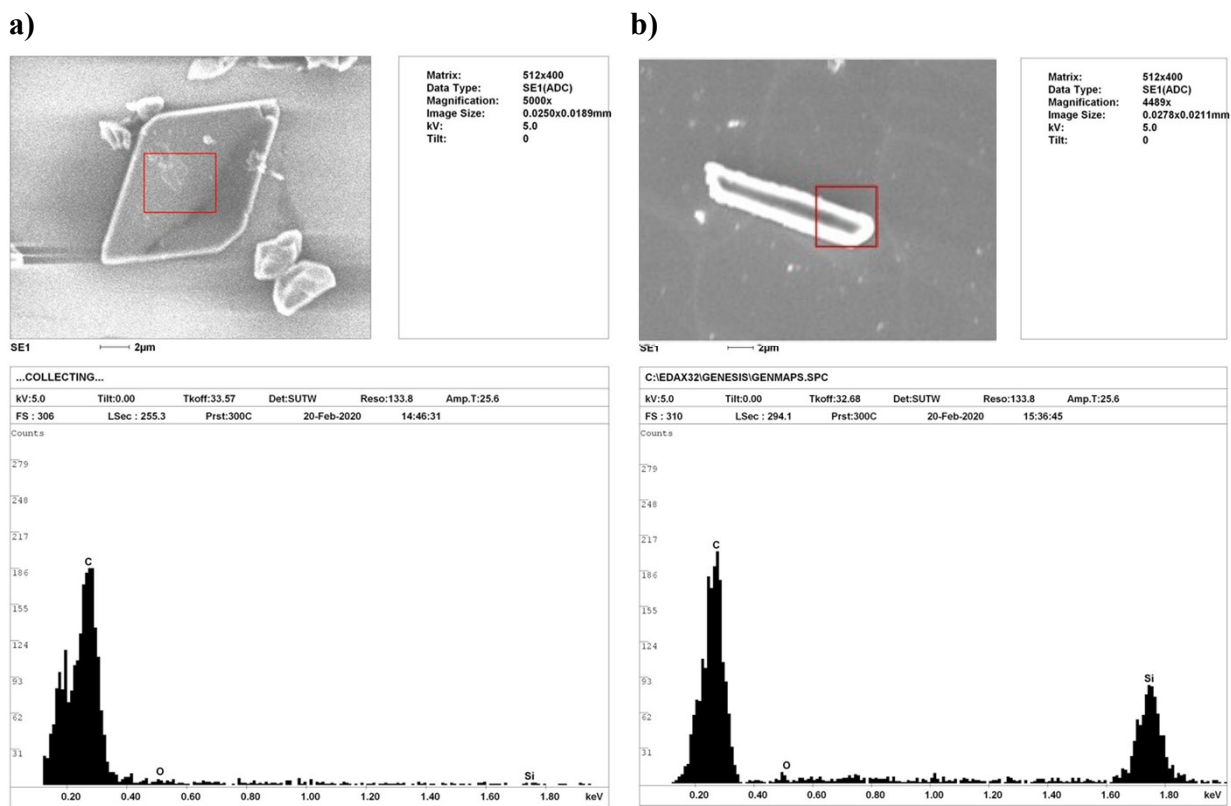


Figure S2. EDX characterization for the C₆₀ nanostructures: a) C₆₀ nanosheets, b) C₆₀ nanotubes.

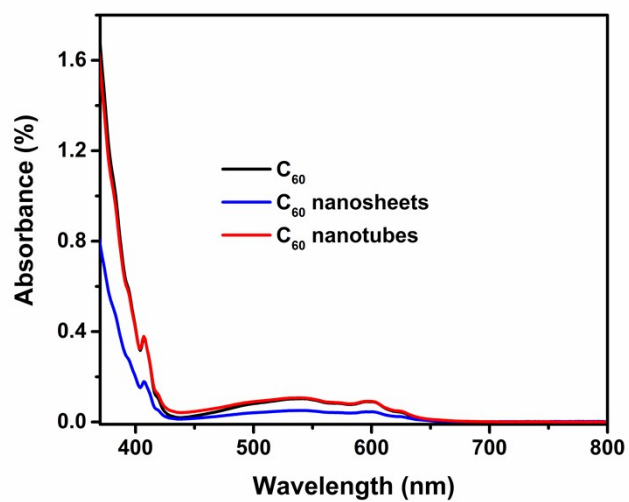


Figure S3. UV-Vis characterization for the C_{60} nanostructures.

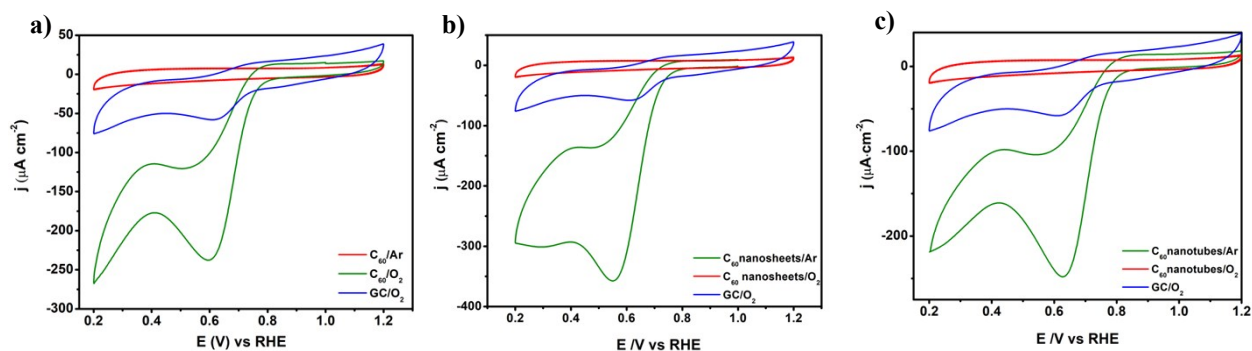


Figure S4. Cyclic Voltammogram under Ar-saturated solutions and Oxygen-saturated solution (scan rate 50mV/s) for a) C_{60} , b) C_{60} nanosheets and c) C_{60} nanotubes. 0.5 M NaOH is the solution was used as electrolyte

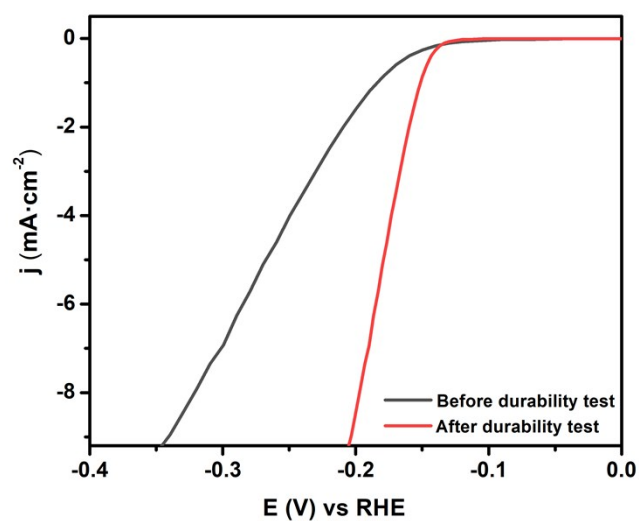


Figure S5. LSV before and after durability test for the C₆₀ nanotubes (2500 r.p.m rotation rate).

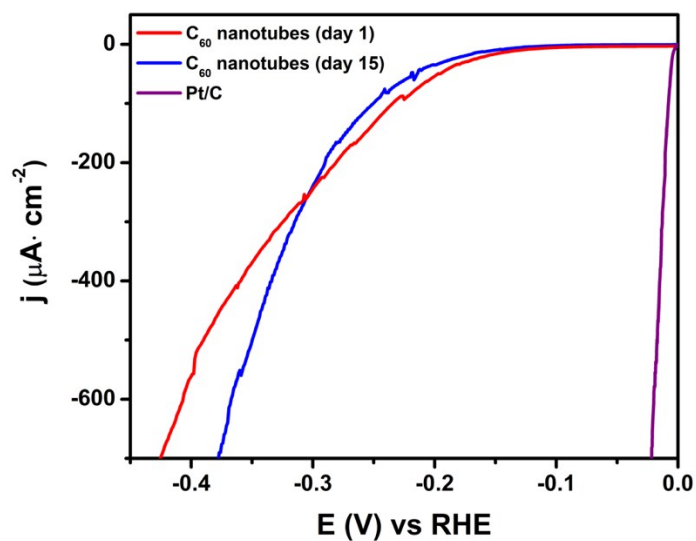


Figure S6. Evolution of the LSVs of the C₆₀ nanotubes with time. 0.5 M H₂SO₄ at 2 mV · s⁻¹ was used as electrolyte.