Supporting information

Enhanced electricity generation and effective water filtration using graphene membrane air-cathodes in microbial fuel cells

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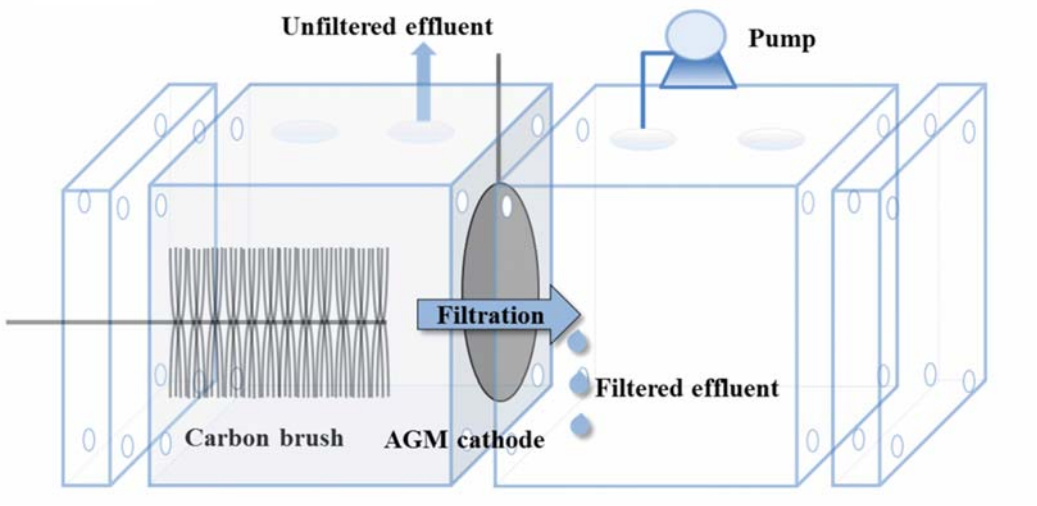

Fig. S1. Schematic diagram of MFC reactor with membrane air-cathode.

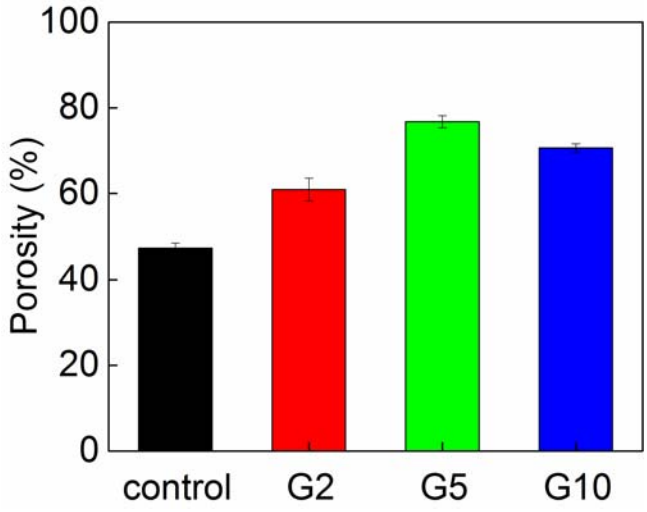

Fig. S2. Porosity of the AGM and control cathodes. Error bars ± SD were based on averages measured in triplicate.

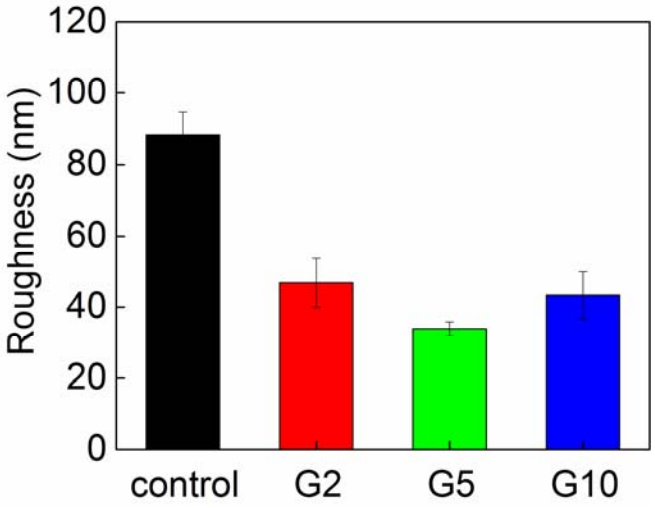

Fig. S3. Surface roughness of the AGM and control cathodes calculated by Nanoscope III software. Error bars ± SD were based on averages measured in triplicate.

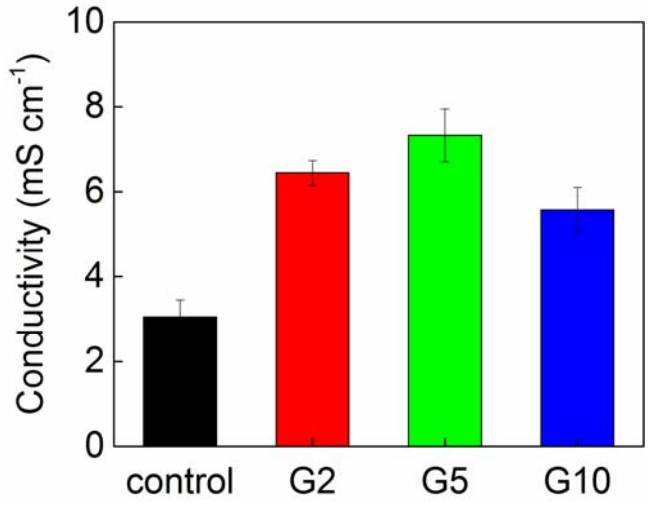

Fig. S4. Conductivity images of the AGM and control cathodes. Error bars ± SD were based on averages measured in triplicate.