



## Abstract

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B. Results:

The effect of organic composition on the performance of the microbial fuel cell (MFC) was investigated. The MFC was operated at different organic load rates (OLR) of 1, 2, 4, and 8 g COD/L/day. The maximum power density (MPD) was observed at an OLR of 2 g COD/L/day, which was 1.2 W/m<sup>2</sup>. The MPD decreased as the OLR increased to 4 and 8 g COD/L/day. The maximum power density (MPD) was 1.2 W/m<sup>2</sup> at an OLR of 2 g COD/L/day. The MPD decreased as the OLR increased to 4 and 8 g COD/L/day. The maximum power density (MPD) was 1.2 W/m<sup>2</sup> at an OLR of 2 g COD/L/day. The MPD decreased as the OLR increased to 4 and 8 g COD/L/day.

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