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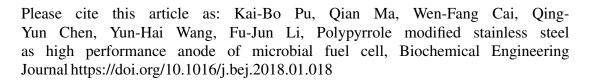
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# Polypyrrole modified stainless steel as high performance anode of microbial fuel cell

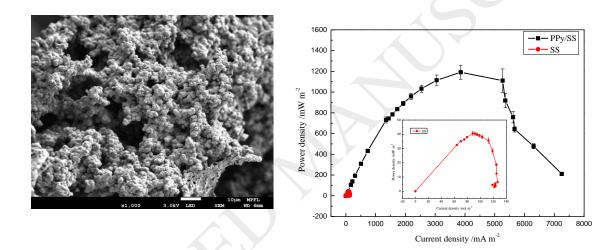
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#### **Graphical abstract**



#### Highlights

- Polypyrrole modified stainless steel was prepared via in-situ electro polymerization.
- The MFC performance with PPy/SS anode was better than that with bare SS anode.
- The corrosion resistance of PPy/SS was enhanced as compared to bare SS anode.

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