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Palladium-silver polyaniline composite as an efficient catalyst for ethanol oxidation

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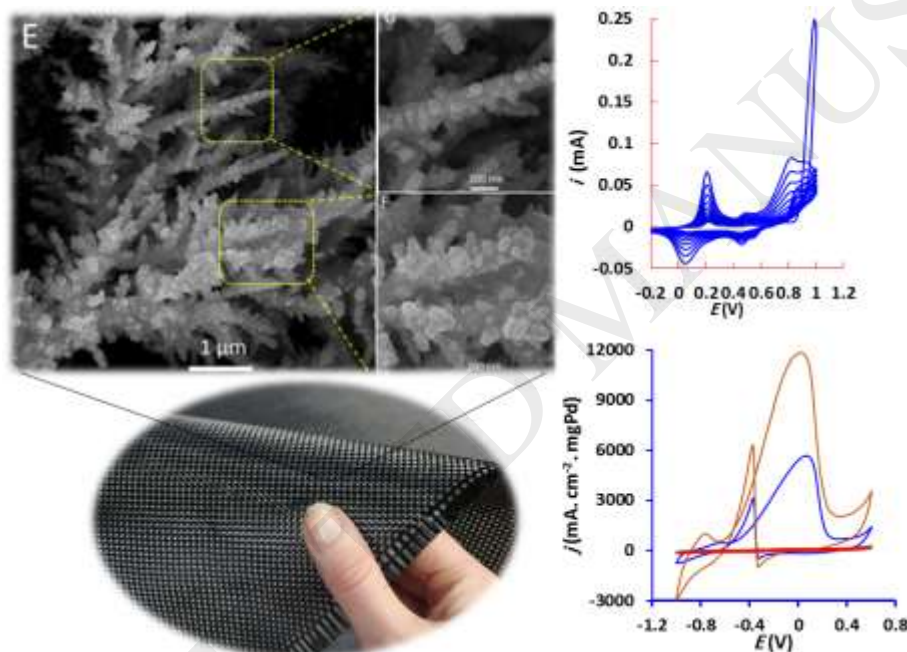
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Graphical Abstract



Highlights:

- For the first time the composite of polyaniline with silver and palladium is synthesized
- The composite is prepared easy and fast with low cost by electrochemical method
- The composite layer on carbon fiber cloth has very good performance for ethanol electro-oxidation
- The proposed electrode can be used as anode in ethanol fuel cell

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