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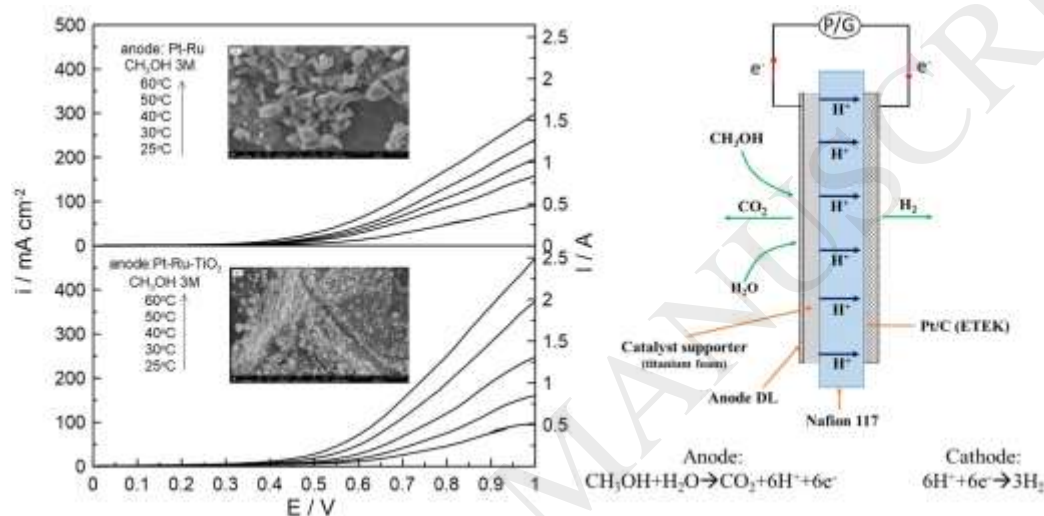
# Effect of TiO<sub>2</sub> on Pt-Ru-based anodes for methanol electroreforming

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## Graphical abstract



## Highlights

- TiO<sub>2</sub> can be effectively used to modify Pt-Ru catalysts for methanol electroreforming.
- Higher current densities (up to 56%) were observed with TiO<sub>2</sub> modified electrodes.
- The cost of the anodes can be reduced to the half without electrocatalytic loss.
- Titanium foam can be used for metal deposition instead of carbon-based supports.

## Abstract

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