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# Importance of Electrode Hot-Pressing Conditions for the Catalyst Performance of Proton Exchange Membrane Fuel Cells

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## Graphical Abstract

## Highlights

- The electrodes were hot-pressed under different pressure, temperature and duration.
- The hot-pressing conditions play an important role in the catalyst performance.
- An optimized ionomer phase can prevent Pt migration, detachment and carbon corrosion.
- An optimized ionomer phase can influence Pt dissolution and re-deposition.

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