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Title: Immunity of the Fe-N-C catalysts to electrolyte adsorption: phosphate but not perchloric anions

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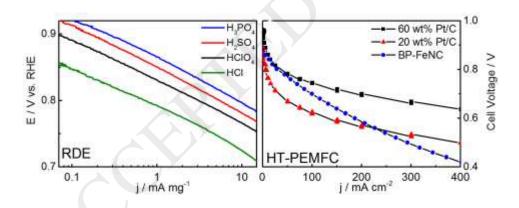
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Graphical abstract



Highlights

- Uniform FeN_x site distribution and the absence of metal particles on the catalyst
- Poisoning effects of ClO₄-, HSO₄-, H₂PO₄-, and Cl⁻ on ORR activity of NPMC investigated
- The widely used HClO₄ electrolyte found to be poisoning to the FeNC active sites

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