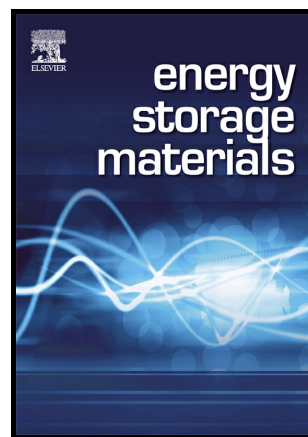


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Post Iron-Doping of Activated Nitrogen-Doped Carbon Spheres as a High-Activity Oxygen Reduction Electrocatalyst

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Abstract:

Iron-nitrogen-doped carbon materials (Fe-N-C) have emerged as the most promising nonprecious alternative catalysts for commercial Pt/C toward oxygen reduction reaction (ORR). However, the general synthesis of Fe-N-C catalysts involves complex pyrolysis reactions, which not only obtains the difficulty in optimizing pore structures, but also leads to low porosity and specific surface area due to lacking of efficient pore regulation. Herein, we report an efficient post

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