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ABSTRACT

In recent years, heteroatom-doped biomass-derived carbon has attracted intensive attention in vast fields due to their inexpensive precursors and abundant resources, especially in oxygen reduction reaction and supercapacitors. This research demonstrates a simple strategy to prepare mulberry leaves-derived nitrogen, sulfur dual-doped ladder-like porous carbon material, which possesses high content of nitrogen (8.17 at %), sulfur (1.97 at %),