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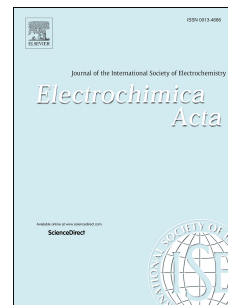
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Improvement of electrochemical performances of catechol-based supercapacitor electrodes by tuning the redox potential via different-sized O-protected catechol diazonium salts.

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ABSTRACT.

Two different O-protected catechol diazonium salts were synthesized and reacted with microporous Norit-S50 carbon to investigate the impact of the protecting group on the electrochemical performances of supercapacitor electrodes in 1 M H₂SO₄. Carbon products were characterized by thermal gravimetric

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