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KOH activation of biomass-derived nitrogen-doped carbons for supercapacitor and electrocatalytic oxygen reduction

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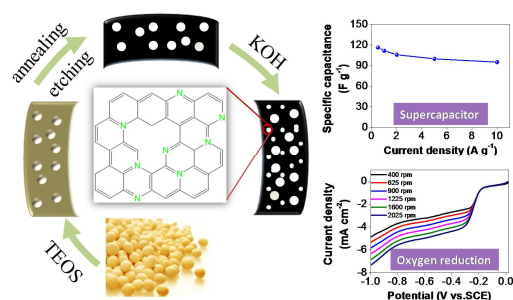
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Graphical abstract:

A series of biomass-derived hierarchical porous nitrogen-doped carbons have been prepared from nitrogen-rich soybean *via* templating carbonization coupling with subsequent KOH activation, which could be used as high-performance electrode materials for supercapacitor and electrocatalytic oxygen reduction.



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