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Effects of N mono- and N/P dual-doping on H_2O_2 , $\bullet\text{OH}$ generation, and MB electrochemical degradation efficiency of activated carbon fiber electrodes

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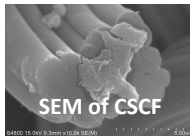
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Cotton stalk

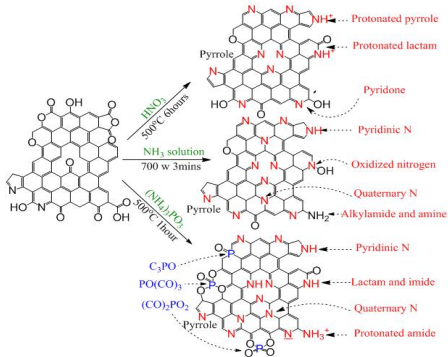


Photo of CSCF

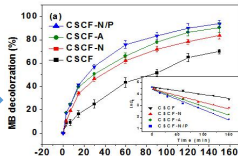
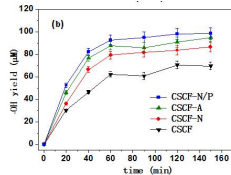


SEM of CSCF

54800 15.0kV 9.3mm x10.0k SE(M)



N mono and N/P dual doping by common acid, alkaline and salt treatments



N/P dual doping enhancing $\cdot\text{OH}$ generation and MB degradation efficiency by 41% and 35%.

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