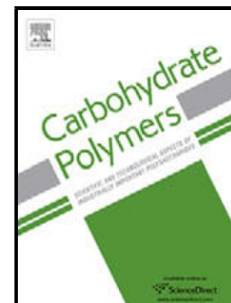


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**Engineering of Chitosan-derived nanoparticles to enhance antimicrobial activity against
foodborne pathogen *Escherichia coli* O157:H7**

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