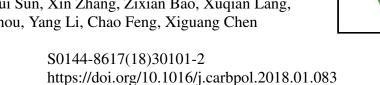
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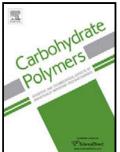
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## ACCEPTED MANUSCRIPT

Reinforcement of thermoplastic chitosan hydrogel using chitin whiskers optimized with response surface methodology

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## Highlights

- Chitosan and chitin whiskers were used to prepare the thermo-responsive complex hydrogels.
- The fabrication of complex hydrogel was optimized by response surface

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