

## Accepted Manuscript

Title: Chitosan derivative-based self-healable hydrogels with enhanced mechanical properties by high-density dynamic ionic interactions

Authors: Ningxiao Yuan, Lu Xu, Bo Xu, Jianhao Zhao, Jianhua Rong



PII: S0144-8617(18)30335-7  
DOI: <https://doi.org/10.1016/j.carbpol.2018.03.071>  
Reference: CARP 13421

To appear in:

Received date: 8-2-2018  
Revised date: 20-3-2018  
Accepted date: 21-3-2018

Please cite this article as: Yuan, Ningxiao., Xu, Lu., Xu, Bo., Zhao, Jianhao., & Rong, Jianhua., Chitosan derivative-based self-healable hydrogels with enhanced mechanical properties by high-density dynamic ionic interactions. *Carbohydrate Polymers* <https://doi.org/10.1016/j.carbpol.2018.03.071>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

# Chitosan derivative-based self-healable hydrogels with enhanced mechanical properties by high-density dynamic ionic interactions

Ningxiao Yuan<sup>1</sup>, Lu Xu<sup>1</sup>, Bo Xu, Jianhao Zhao, and Jianhua Rong\*

*Department of Materials Science and Engineering, College of Chemistry and Materials Science, Jinan University, Guangzhou 510632, P. R. China*

Corresponding Author

\* E-mail address: [rong@jnu.edu.cn](mailto:rong@jnu.edu.cn)

Co-first authors

<sup>1</sup>These authors contributed to the work equally and should be regarded as co-first authors

Download English Version:

<https://daneshyari.com/en/article/7782596>

Download Persian Version:

<https://daneshyari.com/article/7782596>

[Daneshyari.com](https://daneshyari.com)