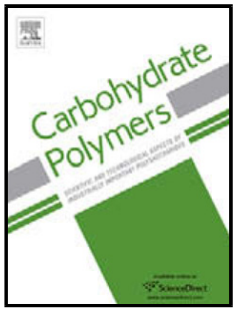

Title: Review on recent progress in chitosan-based hydrogels for wastewater treatment application

Authors: Parisa Mohammadzadeh Pakdel, Seyed Jamaleddin Peighambardoust

PII: S0144-8617(18)30980-9
DOI: https://doi.org/10.1016/j.carbpol.2018.08.070
Reference: CARP 13967

To appear in:

Received date: 2-6-2018
Revised date: 16-8-2018
Accepted date: 16-8-2018

Please cite this article as: Mohammadzadeh Pakdel P, Peighambardoust SJ, Review on recent progress in chitosan-based hydrogels for wastewater treatment application, *Carbohydrate Polymers* (2018), https://doi.org/10.1016/j.carbpol.2018.08.070

Review on recent progress in chitosan-based hydrogels for wastewater treatment application

Parisa Mohammadzadeh Pakdel, Seyed Jamaleddin Peighambardoust*

Faculty of Chemical and Petroleum Engineering, University of Tabriz, Tabriz, 51666-16471, Iran

*Corresponding author: j.peighambardoust@tabrizu.ac.ir

Highlights

- Chitosan-based hydrogels demonstrate high potential for wastewater treatment.
- Physical and chemical modifications of chitosan-based hydrogels have been reviewed.
- Future perspectives of research in chitosan-based hydrogels are mentioned.

Graphical Abstract