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Home > Research > Scientific production

## LGP2 - Scientific books or chapters - 2015

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## Scientific books or chapters

### 1- BELGACEM N., BRAS J.

*Surface treatments of paper.*

in

BELGACEM N., PIZZI A. *Lignocellulosics fibers and wood handbook: renewable materials for today's environment.* Wiley-Scrivener, chapitre 19 (2015)

### 2- DUFRESNE A., LIN N.

Characterization of polysaccharide nanocrystal-based materials.

in

HUANG J., CHANG P.R., LIN N., DUFRESNE A. *Polysaccharide-based nanocrystals: chemistry and applications.* Wiley-VCH Verlag, chapitre 7 (2015)

### 3- HUANG J., CHANG P.R., DUFRESNE A.

*Polysaccharide nanocrystals: current status and prospects in material science.*

in

HUANG J., CHANG P.R., LIN N., DUFRESNE A. *Polysaccharide-based nanocrystals: chemistry and applications.* Wiley-VCH Verlag, chapitre 1, 1-14 (2015)

### 4- LAVOINE N., BRAS J.

*Active bio-based packaging: toward nanofibrillated cellulose applications.*

in

MONDAL I.H. *Nanocellulose, cellulose, nanofibers and cellulose nanocomposites: synthesis and application.* Nova Publisher, chapitre 10 (2015)

### 5- LIN N., DUFRESNE A.

*Surface modification of polysaccharide nanocrystals.*

in

HUANG J., CHANG P.R., LIN N., DUFRESNE A. *Polysaccharide-based nanocrystals: chemistry and applications.* Wiley-VCH Verlag, chapitre 3 (2015)

### 6- LIN N., DUFRESNE A.

*Polysaccharide nanocrystals-based functional materials.*

in

HUANG J., CHANG P.R., LIN N., DUFRESNE A. *Polysaccharide-based nanocrystals: chemistry and applications.* Wiley-VCH Verlag, chapitre 6 (2015)

### 7- LIN N., DUFRESNE A.

*Nanocellulose biomedical nanomaterial applications.*

in

MISHRA M. *Encyclopedia of biomedical polymers and polymeric biomaterials.* CRC Press - Taylor & Francis Group, New York, p. 5077-5100 (2015)

## Directorate of books or journals

8- **AUROUSSEAU M.**, BENADDA B., JALLUT C., JOLY J.F., MCKENNA T.F.L.

*SFGP 2013 Conference Special Issue : The chemical engineering sciences for a sustainable industry.*

The Canadian Journal of Chemical Engineering 93(2), 175-470, Editeurs invités et rédacteurs de l'éditorial (2015)

9- HUANG J., CHANG P.R., LIN N., **DUFRESNE A.**

*Polysaccharide-based nanocrystals: chemistry and applications.*

Wiley-VCH Verlag, 328 pages, ISBN 978-3-527-33619-7 (2015)

## Research

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Research

Research groups

Director & Managers

### Scientific production

Equipments & pilots

Doctorate, post-doctorate

Partnerships-Projects

Events

Media