



LGP2, a center of innovative research

Home > Research > Scientific production

## LGP2 - Scientific books or chapters - 2013

LGP2



### 1- ANGELLIER-COUSSY H., DUFRESNE A.

*Mechanical properties of starch-based nanocomposites.*

in

DUFRESNE A., THOMAS S., POTHAN L.A. *Biopolymer nanocomposites: processing, properties and applications*. John Wiley, 2013, 686 p.

### 2- DUFRESNE A., THOMAS S., POTHAN L.A.

*Bionanocomposites: state of the art, challenges and opportunities.*

in

DUFRESNE A., THOMAS S., POTHAN L.A. *Biopolymer nanocomposites: processing, properties and applications*. John Wiley, 2013, chapitre 1, pp. 1-10

### 3- GANDINI A., BELGACEM N.

*The state of the art of polymers from renewable resources.*

in

EBNESAJJAD S. *Handbook of biopolymers and biodegradable plastics: properties, processing and applications*. Elsevier, 2013, pp . 71-85

4- GANDINI A., BELGACEM N.

*Furan resins.*

in  
GOODMAN S.H., HANNA D.K. *Handbook of thermoset plastics*. Elsevier, 2013, 800 p.

5- LE CORRE D., BRAS J., DUFRESNE A.

*Preparation of starch nanoparticles.*

in  
DUFRESNE A., THOMAS S., POTHAN L.A. *Biopolymer nanocomposites: processing, properties and applications*. John Wiley, 2013, 686 p.

6- LIN N., DUFRESNE A.

*In situ conjunction of cellulose nanocrystals in supramolecular hydrogels by the aid of host-guest inclusion complexation.*

in  
POSTEK M.T., MOON R.J., RUDIE A.W., BILODEAU M.A. *Production and applications of cellulose nanomaterials*. TAPPI Press, 2013, pp. 123-126

7- MEDEIROS E.S., SANTOS A.S.F., DUFRESNE A., ORTS W.J., MATTOSO L.H.C.

*Bionanocomposites.*

in  
THOMAS S. JOSEPH K., MALHOTRA S.K., GODA K., SREEKALA M.S. *Polymer composites, Volume 3, Biocomposites*. John Wiley, 2013, 400 p.

8- PEREDA M., EL KISSI N., DUFRESNE A.

*Melt extrusion of CNC-based polymer nanocomposites.*

in  
POSTEK M.T., MOON R.J., RUDIE A.W., BILODEAU M.A. *Production and applications of cellulose nanomaterials*. TAPPI Press, 2013, pp. 103-106

9- PEREDA M., DUFRESNE A.

*Cellulose nanocrystals and related polymer nanocomposites.*

in  
KUMAR V., SINGH SINGHA T., SINGH SINGHA A. *Biomass-based biocomposites*. UK : Smithers Rapra Technology Ltd, , 2013. Chapitre 15, pp. 305-347

# Directorate of books or journals

DUFRESNE A., THOMAS S., POTHAN L.A.

*Biopolymer nanocomposites: processing, properties and applications*. John Wiley, 2013, 686 p.

## Research

---

Research

Research groups

Director & Managers

### Scientific production

Equipments & pilots

Doctorate, post-doctorate

Partnerships-Projects

Events

Media