

CELLULOSE CHEMISTRY AND TECHNOLOGY

ADVANCES IN THE CHEMISTRY, PHYSICS AND TECHNOLOGY OF
POLYSACCHARIDES AND LIGNIN

47♦2013

9-10 ♦ OCTOBER -
DECEMBER

C O N T E N T S

SHUAI ZHANG, WEN-CONG WANG, FA-XUE LI and JIAN-YONG YU, Swelling and dissolution of cellulose in NaOH aqueous solvent systems.....671-679

BOJAN Ž. JANKOVIĆ and MARIJA M. JANKOVIĆ, Pyrolysis of pine and beech wood samples under isothermal experimental conditions. The determination of kinetic triplets.....681-697

H. T. WANG, M. F. LI, J. Y. YIN, D. SHE, Z. C. GENG, X. M. ZHANG and R. C. SUN, Benzylated hemicellulosic polymers from *Triploid populous*: Characterization of physicochemical, structural features and thermal stability.....699-709

P. NECHITA and D. M. PANAITESCU, Improving the dispersibility of cellulose microfibrillated structures in polymer matrix by controlling drying conditions and chemical surface modifications711-719

CRISTINA DINU-PÎRVU and SIMONA IVANA, A study of the influence of crosslinking degree on the physicochemical properties of gelatin microparticles.....721-726

SEYED MOHAMMAD MOSTASHARI, SHAHAB SHARIATI and MAHBOOBEH MANOOCHEHRI, Lignin removal from aqueous solutions using Fe₃O₄ magnetic nanoparticles as recoverable adsorbent727-734

MAJID KIAEI, Technological properties of Iranian cultivated paulownia wood (*Paulownia fortunei*)735-743

LONG LI, BIN WANG, DE-TAO LIU, FEI YANG and REN-DANG YANG, Role of pretreatment with a composite microemulsion in saccharification of bamboo.....745-750

SRI HARMINI, MIKAEL DJATI HUTOMO, LUTFI BAHRUDDIN, RIA MILLATI, M. NUR CAHYANTO, CLAES NIKLASON and MOHAMMAD J. TAHERZADEH, Fungal pretreatment of oil palm empty fruit bunch: Effect of manganese and nitrogen.....	751-757
RICHA GUPTA, VIPIN KUMAR SAINI, R. P. BHATT, B. P. THAPLIYAL and SANJAY NAITHANI, Influence of mechanical operation on the biodelignification of <i>Eucalyptus tereticornis</i> by <i>Trametes versicolor</i>	759-764
ALFARO, F. LÓPEZ, A. PÉREZ, J. C. GARCÍA, M. A. PÈLACH and P. MUTJE, Influence of operating conditions in sodium hydroxide and anthraquinone pulping on the morphology of cellulose fibers of tagasaste.....	765-775
FRANTIŠEK POTŮČEK and IDA SKOTNICOVÁ, Displacement washing of kraft pulp with aqueous solutions of surfactants.....	777-782
DHARM DUTT, Environmentally friendly and cost-effective method for manufacturing absorbent grade paper.....	783-792
LUCIA KUČERKOVÁ, MILAN VRŠKA, MARTINA BOTKOVÁ and ŠTEFAN ŠUTÝ, Study of non-ionic surfactant and foaming agent charge impact on flotation deinking of laser-printed waste paper.....	793-798
DOINA ASANDEI, VIORICA DULMAN, TATIANA TODORCIUC and ELENA BOBU, Equilibrium studies of the removal of Acid Green 9 dye from aqueous solutions by chitosan adsorbent: Batch studies.....	799-807
MING-SHIEN YEN, MU-CHENG KUO, CHENG-WEI YEH and YEN-SHENG CHENG, Hydrothermal synthesis and characterization of boehmite/titania hybrid materials on cotton fabrics	809-819
Announcements.....	821
Book reviews.....	823