

CELLULOSE CHEMISTRY AND TECHNOLOGY

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

44♦2010

9 ♦ SEPTEMBER -
OCTOBER

C O N T E N T S

E. FELISSIA FERNANDO, E. MARÍA VALLEJOS and M. CRISTINA AREA, Lignin recovery from spent liquors from the ethanol-water fractionation of sugar cane bagasse.....	311-318
D. CHEN, J. ZHAO, D. BERK, R. BERRY and G. J. KUBES, A method for measuring pulping liquor penetration into wood structure	319-325
R. SÁNCHEZ, A. RODRÍGUEZ, A. REQUEJO, A. GARCIA and L. JIMÉNEZ, chemical and thermogravimetric analysis and soda and organosolv pulping of <i>Hesperaloe funifera</i>	327-334
GAOJIN LV, SHUBIN WU, RUI LOU and QING YANG, Analytical pyrolysis characteristics of enzymatic/mild acidolysis lignin from sugarcane bagasse.....	335-342
A. K. HAGHI, Electrospun nanofiber process control	343-352
M. BREBU and C. VASILE, Thermal degradation of lignin – A review.....	353-363

CRISTINA RACU, RODICA DIACONESCU, ANA-MARIA GRIGORIU and AURELIA GRIGORIU, Optimization of hemp yarn grafting degree for medical textiles during simultaneous wet spinning-grafting.....	365-368
ANA-MARIA OPREA, DIANA CIOLACU, ANDREI NEAMTU, OSTIN C. MUNGIU, BOGDAN STOICA and CORNELIA VASILE, Cellulose/chondroitin sulfate hydrogels: synthesis, drug loading/release properties and biocompatibility	369-378
MARIA CIOBANU, ELENA BOBU and FLORIN CIOLACU, <i>In-situ</i> cellulose fibres loading with calcium carbonate precipitated by different methods	379-387
JURAJ GIGAC and MÁRIA FIŠEROVÁ, Effect of velocity gradient on papermaking properties.....	389-394
J. DESBRIERES, C. BOUSQUET and V. BABAK, Surfactant-chitosan interactions and application to emulsion stabilization	395-406
SANJAY TYAGI and A. K. RAY, Evaluation of coated paper quality using a Plackett-Burman statistical design	407-414
Book reviews.....	415-416