S. RAFIEI, S. MAGHSOODLOO, M. SABERI, S. LOTFI, V. MOTAGHITALAB, B. NOROOZI and A. K. HAGHI, New horizons in modeling and simulation of electrospun nanofibers: A detailed review........................................................................................................401-424

B. VOLKERT, A. LEHMANN and K. HETTRICH, Novel cellulose and starch-based materials................................................................................................................................425-444

MOHAMMAD FARSI and MAJID KIAEI, Wood physical properties and tracheid dimensions of non-native softwoods in Iran ........................................................................................................445-454

RU YANG, YONG WANG and MIN LI, Homogeneous synthesis of crosslinked cellulose spheres from hemp (Cannabis sativa L.) stem and cotton ........................................455-459

PETER RANTUCH and TOMÁŠ CHREBET, Thermal decomposition of cellulose insulation..............................................................................................................................461-467

LEI DAI, ZHU LONG, YONG LV and QUN-CE FENG, The role of formic acid pretreatment in improving the carboxyl content of tempo-oxidized cellulose ........................................469-475

X. L. CHEN, S. W. Xu, W. J. PENG, J. ZHANG and Y. JIANG, Isolation and characterization of acetone-insoluble substances in cellulose acetate prepared by an acetic acid acetylation process........................................................................................................477-483

BOGDAN C. CIOBANU, ANCA N. CADINOIU, MARCEL POPA, JACQUES DESBRERIES and CATALINA A. PEPTU, Chitosan/poly(vinyl alcohol) hydrogels for entrapment of drug loaded liposomes .................................................................485-494
ANA IRINA COCÂRȚĂ and ECATERINA STELA DRĂGAN, Composite microspheres based on chitosan and poly(vinyl amine) and their sorption capacity for Cu$^{2+}$..........................495-501

JIGNESH TRIVEDI, TRUSHNA BHATT and HARIKRISHNA TRIVEDI, Synthesis and characterization of poly(butyl methacrylate) grafted sodium salt of partially carboxymethylated guar gum ..........................................................503-514

EMAD A. JAFFAR AL-MULLA, A new biopolymer-based polycaprolactone/starch modified clay nanocomposite ..........................................................515-520

SHALINI SINGH, SHIVANI SHARMA, CHARANJIT KAUR and DHARM DUTT, Potential of cheap cellulosic residue as carbon source in amylase production by Aspergillus niger SH-2 for application in enzymatic desizing at high temperatures ........................................521-527

NASIR MAHMOOD, MARIYAH AHSAN, ISHFAQ MUHAMMAD, SHAHIDA AFZAL, ZAFAR QURESHI, SYED ALI RAZA NAQVI, MUHAMMAD YAR, ZULFIQAR ALI KHAN and SOHAIL ANJUM SHAHZAD, Molecular expression profile of different cellulosolytic enzyme genes in Aspergillus niger in response to UV radiation and chemical mutagenesis ..........529-533

KÄRT KÄRNER, RASMUS TALVISTE, KARIN VIIPSI, MATTI ELOMAA and URVE KALLAVUS, Study of the effect of mechanical treatment and supercritical CO$_2$ extraction on aspen BCTMP by surface charge measurements and SEM ........................................535-544

ALEKSEY L. BYCHKOV, V. A. BUCHTOYAROV and O. I. LOMOVSKY, Mechanical pretreatment of corn straw in a centrifugal roller mill ........................................545-551

LUIS SERRANO, ANA FERRER, JALEL LABIDI and ALEJANDRO RODRÍGUEZ, Reuse of ultrafiltration permeate as a preliminary step in the pulp and paper production ........553-557

YUAN-SHING PERNG, EUGENE I-CHEN WANG, WU-HUNG CHUNG and CHIH-PING CHANG, Effects of hot dispersion with reductive bleaching on the brightness of deinked pulp in both laboratory and mill machines ........................................559-563

BOGDĂNEL SILVESTRU MUNTEANU, ELENA PĂSLARU, LIDIJA FRAS ZEMLIĆ, ANAMARIA SDROBIȘ, GINA MIHAELA PRICOPE and CORNELIA VASILE, Chitosan coatings applied to polyethylene surface to obtain food-packaging materials ............565-575

JUAN XIE, JINXIANG CHEN, YONG WANG, YUFU LIU, MOHAMMAD N. NOORI and LE PAN, Weight loss phenomenon of paper and the mechanism for negligible damage of heat-induced inkless eco-printing..........................................................577-584

NOOR FADZLIANA AHMAD SHARIF, SAIFUL IZWAN ABD RAZAK and WAN AIZAN WAN ABDUL RAHMAN, Cassava leaves as packaging materials ................................585-590

Book reviews..................................................................................................................................591-592