



# Textile Research Journal

Volume 81  
Issue 14  
September 2011

<http://trj.sagepub.com>

 SAGE Publications

## Original articles

- 1419** Wrinkle-resistant finishing with dimethyloldihydroxyethyleneurea (DMDHEU) – the effect of co-catalyst  
*YL Lam, CW Kan and CW Yuen*
- 1427** Synthesis of PPy/PW<sub>12</sub>O<sub>40</sub><sup>3-</sup> organic-inorganic hybrid material on polyester yarns and subsequent weaving to obtain conductive fabrics  
*E Romero, J Molina, Al del Río, J Bonastre and F Cases*
- 1438** Waterproof and breathable properties of nanoweb applied clothing  
*HW Ahn, CH Park and SE Chung*
- 1448** Dynamic modeling and control of a bending combined roller system using Timoshenko beam theory and constrained model predictive control  
*C-FJ Kuo and HQ Vu*
- 1460** Image analysis of the elastane position effect on the appearance of wet pneumatic spliced elastic core-spun yarn  
*B Jaouachi, A Moussa, MB Hassen and F Sakli*
- 1470** Finite element modeling of male leg and sportswear: contact pressure and clothing deformation  
*Y Lin, K-F Choi, A Luximon, L Yao, JY Hu and Y Li*
- 1477** A study of influence of the delivery rubber roller on yarn properties  
*Z Xia, X Wang, J Huang, Y Wang, W Ye and W Xu*
- 1484** A comparative study of nonwoven fabrics made with two distinctly different forms of greige cotton lint  
*P Sawhney, M Reynolds, B Condon, R Slopek and C Allen*
- 1493** Development of auxetic fabrics using flat knitting technology  
*H Hu, Z Wang and S Liu*
- 1503** Water vapor absorption properties of a novel filament composed of maleic anhydride polypropylene, polypropylene and super absorbent polymer  
*B Eskin, N Uçar and A Demir*
- 1510** An improved algorithm for simulating wax-printing patterns  
*Y Tang, K Fang, S Fu and L Zhang*