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Publications:

1. T Palani Rajan, Louis D Souza, G Ramakrishnan, P Kandhavadiu and C Vigneswaran, Influence of porosity on water vapor permeability behavior of warp knitted, Journal of Industrial Textiles, 2016, Vol. 45, pp. 796–812
2. T Palani Rajan, Louis D Souza, G Ramakrishnan and G Mohamed Zakriya, "Comfort properties of functional warp knitted polyester spacer fabrics for shoe insole applications", Journal of Industrial Textiles, 2016, Vol. 45, 1239–1251.
3. T. Palani Rajan, G. Ramakrishnan and P. Kandhavadiu, "Permeability and impact properties of warp knitted spacer fabrics for protective application" The Journal of The Textile Institute, 2016, Vol.107, pp. 1079–1088.
4. T Palani Rajan, G Ramakrishnan, S Sundaresan, P Kandhavadiu "The influence of fabric parameter on low-stress mechanical properties of polyester warp-knitted spacer fabric" International Journal of Fashion Design, Technology and Education, January 2017, Vol.10, pp. 37-45.
5. G Mohamed Zakriya, G Ramakrishnan, T Palani Rajan, D Abinaya "Study of thermal properties of jute and hollow conjugated polyester fibre reinforced non-woven composite" Journal of Industrial Textiles, February 2017, Vol.46, pp.1393-1411.
6. T Palani Rajan and S Sundaresan "Thermal comfort properties of plasmatreated warp-knitted spacer fabric for the shoe insole" Journal of Industrial Textiles, November 2018, Vol.49, pp. 1218-1232.2019
7. Ramakrishnan G Palani Rajan T., Prakash C. "An effect of fabrics thickness and structure on moisture management properties of 3D spacer fabrics" International Journal of Clothing Science and Technology, July 2019, Vol.31, pp.777-789.
8. C Prakash T Palani Rajan "Application of Spacer Fabrics" Asian Textile Journal, December 2019, pp.67-69, 2020
9. T Palani Rajan, Subrata Das "Evaluation of air permeability behaviour of warp knitted spacer fabrics" NISCAIR-CSIR, India, March 2020 , Vol.45. pp.32-39.