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PUBLICATION IN LAST FIVE YEARS

S. No.	Title, Authors and Journal	Year
1.	Clay incorporated wet laid wood pulp based wound dressing for severe hemorrhage **VR Giri Dev**, D Thenmuhil, T Hemamalini, S Rahamedsara, S Shubhathra, S Vijayalakshmi The Journal of The Textile Institute 111 (6), 821-825	2020
2.	Electrophoretic deposition of chitosan/nano silver embedded micro sphere on centrifugal spun fibrous matrices–A facile biofilm resistant biocompatible material S Thinakaran, AM Loordhuswamy, **GDV Rengaswami** International Journal of Biological Macromolecules 148, 68-78	2020
3.	Comparison of acid and water-soluble chitosan doped fibrous cellulose hemostat wet laid nonwoven web for hemorrhage application T Hemamalini, N Vikash, P Brindha, M Abinaya, **VRG Dev** International Journal of Biological Macromolecules 147, 493-498	2020
4.	One-pot synthesis of cellulose-based nonwoven web incorporated with chitosan for hemostat applications T Hemamalini, N Vikash, P Brindha, M Abinaya, **VR Giri Dev** Journal of Bioactive and Compatible Polymers 35 (2), 92-101	2020
5.	Wet Laying Nonwoven Using Natural Cellulosic Fibers and Their Blends: Process and Technical Applications. A Review T Hemamalini, **VR Giri Dev** Journal of Natural Fibers, 1-11	2019
6.	Regeneration of cellulose acetate nanofibrous mat from discarded cigarette butts T Hemamalini, SA Karunakaran, MK Siva Elango, T Senthilram, **VR Giri Dev.** Indian Journal of Fibre & Textile Research (IJFTR) 44 (2), 248-252	2019
7.	Enhanced performance of Aloe vera incorporated chitoson-polyethylene oxide electrospun wound scaffold produced using novel Spirograph based collector assembly P Pathalamuthu, A Siddharthan, **VR Giridev**, Victor Victoria, Ramar Thangam, Srinivasan Subramanian, Vincent Savariar, T Hemamalini International Journal of Biological Macromolecules 140, 808-824	2019
8.	Spirograph based electrospinning system for producing fibre mat	2019

	with near uniform mechanical property **VRG Dev,** P Pathalamuthu, A Siddharthan Indian Journal of Fibres and Textile Research 44 (3), 279-285	
9.	A suitable coloring agent for protein based textile fabrics: An approach on production, characterization and application S Iswarya, SK Shanuja, **VR Giri Dev**, AA Gnanamani J. Text. Eng. Fash. Technol 5, 73-79	2019
10.	Effect of quenching process on mechanical properties of flax/polypropylene composites AKP Dhanakodi, **VR Giri Dev** Indian Journal of Fibre & Textile Research (IJFTR) 43 (4), 434-440	2018
11.	Porous electrospun starch rich polycaprolactone blend nanofibers for severe hemorrhage **VRG Dev**, T Hemamalini International journal of biological macromolecules 118, 1276-1283	2018
12.	Characterization and comparison of salt-free reactive dyed cationized cotton hosiery fabrics with that of conventional dyed cotton fabrics N Arivithamani, **VRG Dev** Journal of Cleaner Production 183, 579-589	2018
13.	Studies on mechanical properties of thermoplastic composites prepared from flax-polypropylene needle punched nonwovens **VRG Dev**, AKP Dhanakodi Science and Engineering of Composite Materials 25 (3), 489-499	2018
14.	Comprehensive review on electrospinning of starch polymer for biomedical applications T Hemamalini, **VRG Dev** International journal of biological macromolecules 106, 712-718	2018
15.	Cationization of cotton for industrial scale salt-free reactive dyeing of garments N Arivithamani, **VRG Dev** Clean Technologies and Environmental Policy 19 (9), 2317-2326	2017
16.	Sustainable bulk scale cationization of cotton hosiery fabrics for salt-free reactive dyeing process N Arivithamani, **VRG Dev** Journal of Cleaner Production 149, 1188-1199	2017
17.	Industrial scale salt-free reactive dyeing of cationized cotton fabric with different reactive dye chemistry **G Dev**, V Rengaswami Carbohydrate polymers174, 137-145	2017
18.	Salt-free reactive dyeing of cotton hosiery fabrics by exhaust application of cationic agent A Nallathambi, **GDV Rengaswami** Carbohydrate polymers 152, 1-11	2016
19.	Development of biocomposites by a facile fiber spinning technique for nerve tissue engineering applications L Amalorpavamary, **VR Giri Dev** Journal of Industrial Textiles 46 (2), 372-387	2016