



The 17th Asian Textile Conference Poster Presentation

Date: 12/18/2024

Time: 15:50~17:50

Locations: Insky Hotel (2F)

Session	Title	Author
PA-1	Electrospinning Polylactic acid/Cellulose nanocrystal/Dendrimer with the amine end group for drug release	Mokhtar Ezzati, S. Hajir Bahrami and Somayeh Akbari
PA-2	Modification of Chitosan with Itaconic Acid and Electrospinning of the Modified Chitosan/Ag and Study the Biological properties of the Web.	Mina Tavakoli Dareh and S. Hajir Bahrami
PA-3	Innovative Radially Aligned Nanofibers from Poly (ϵ -caprolactone) for Wound Healing Applications.	Saeed Nezari, Ahmad Hivechi, S. Hajir Bahrami, S. Mohammad Amin Haramshahi
PA-4	Study on Structural Ordering and Hole Transporting Property in Thiophene-Based Block Copolymer Formed with Supercritical CO ₂	Nana Suzuki, Satomi Hosokawa and Kenji Ogino
PA-5	Solid-State NMR Investigation of Block Copolymers and Beads with High Hole Mobility Consisting of Poly(3-hexylthiophene) and Poly(styrene)	Kenji Ogino, Riku Takahashi, Eri Tomita, S. Mukadeyama, and Shinji Kanehashi
PA-6	Impact of Binder Crystallinity on Thick-Film Electrode Performance in Lithium-Ion Batteries	Hyemin Kim, Hyoung-Joon Jin
PA-7	Dry Process Fabrication of Thick Electrodes for High-Energy-Density Lithium-Ion Batteries	Juhee Yoon, Hyoung-Joon Jin
PA-8	A study on behavior of the hybrid melt electrospinning/blowing process of PE fibers with hot air pressures and voltages	Eunji Moon, Jihwan Lim and Han Seong Kim
PA-9	Dynamic Analysis of Spinning Behavior in Melt Electrospinning	Jihwan Lim, Eunji Moon, Han Seong Kim
PA-10	Manufacturing and physical property evaluation of PVA and sericin blend fiber according to wet spinning process variables	Jin Tae Sim, Koo Jung
PA-11	Performance analysis of materials for electric vehicles using 100% PET material	Jin tae Sim, A ram Lee, Koo Jung, Chan Whan Park, Jung hyun Jang
PA-12	Mechanical Properties of Wet-Spun Pineapple Leaf Cellulose nanofibrils Filaments Cross-Linked with Methylenedianiline and Hexamethylenediamine	Yu-Ya Chiang, Chen-Lin Huang
PA-13	Application and Performance Enhancement of	Li-Ju Wei, Chi-Ju Hsieh and An-

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	Photo-Curable 3D Printing Technology in Composite Materials	Pang Chen
PA-14	Enhancement of Thermal Conductivity in Photo-Curable Composite Materials Based on DLP Technology and the Influence of Fillers	Li-Ju Wei, Chi-Ju Hsieh and An-Pang Chen
PB-1	Assessment of Air Permeability of Sportswear Fabrics	C. W Kan, C. Y. Wong and Y. Y. Lin
PB-2	Assessment of Bending Property of Sportswear Fabrics	C. W Kan, C. Y. Wong and Y. Y. Lin
PB-3	Assessment of Compression Property of Sportswear Fabrics	C. W Kan, C. Y. Wong and Y. Y. Lin
PB-4	Assessment of Pilling Resistance of Sportswear Fabrics	C. W Kan, C. Y. Wong and Y. Y. Lin
PB-5	Assessment of Shearing Property of Sportswear Fabrics	C. W Kan, C. Y. Wong and Y. Y. Lin
PB-6	Assessment of Surface Property of Sportswear Fabrics	C. W Kan, C. Y. Wong and Y. Y. Lin
PB-7	Assessment of Tensile Property of Sportswear Fabrics	C. W Kan, C. Y. Wong and Y. Y. Lin
PB-8	Study on the Application Potential of MEW (Melt Electrowriting) Technology through Electric Field Control in 3D Printing	Minseo Kim, Han Seong Kim
PB-9	Preparation and Performance Evaluation of Novel Multifunctional Building Panels	Yan Yu Lin, Chi-Wai Kan, and Mei-Chen Lin
PC-1	Teaching and Learning Material for Non-science Background Fashion and Textile Student – Desizing	O. Y. T. Lam, Y. Y. Lin and C. W Kan
PC-2	Teaching and Learning Material for Non-science Background Fashion and Textile Student – Bleaching	O. Y. T. Lam, Y. Y. Lin and C. W Kan
PC-3	Teaching and Learning Material for Non-science Background Fashion and Textile Student – Mercerization	O. Y. T. Lam, Y. Y. Lin and C. W Kan
PC-4	Teaching and Learning Material for Non-science Background Fashion and Textile Student – Scouring	O. Y. T. Lam, Y. Y. Lin and C. W Kan
PC-5	Teaching and Learning Material for Non-science Background Fashion and Textile Student – Singeing	O. Y. T. Lam, Y. Y. Lin and C. W Kan
PC-6	Fabrication of colorimetric cotton sensors via UV-photografting and dye immobilization for	Sanghyun Yoon, and Woosung Lee

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	detection of ammonia gas with highly enhanced wash fastness	
PC-7	Sustainable Dyeing of Cotton Fabrics via UV-induced Photografting	Park Young Ki, Woosung Lee, Seung Ju Lim
PC-8	Research on nylon fiber dyeing using edible dyes	Jang Hyekyeong
PC-9	Effect of fluorination in donor moiety of conductive polymer on high electronic performance	Jongho Kim, Daeun Kim, Jiseop Bae, Jaeseok Ha, Hayoung Cho, Jae-Hong Choi
PC-10	Synthesis of High-Performance Membrane TpPa-1 COFs via Room-Temperature Interfacial Polymerization and Their Applications in the Textile Field	Wei-Chieh Wang, Tz-Feng Lin and An-Pang Chen
PD-1	Effect of intermediate nanolayers of core/sheath N66/PVA nanofibers on low velocity impact properties of epoxy/glass fibre composites	Shokofeh Bagheri , S. Hajir Bahrami and Mostafa Goodarz
PD-2	Processing and Property Evaluation of Multilayer Electrospun Nano-submicron fiber Membranes Incorporating Chinese Herbal Extracts	Ching-Wen Lou, Jia-Horng Lin and Ming-Huang Lin
PD-3	Sports injury assistive wristband design combined with Aboriginal totems	Si-Yuan-Wang , Ru-Linn Cheng
PE-1	Fabrication of Textile-based Vapochromic Sensors and Improvement of Detecting Selectivity by Machine Learning	Junheon Lee, Yeongrang Bae, Hyebin Jeong, Minji Park, Jaehong Choi
PE-2	Exploring Characterization of Magnetic Field-Assisted Biomimetic Poly(trimethylene terephthalate)/Graphene Nanosheet-Iron Oxide Composites	Chien-Lin Huang, En-Zai Lin, Ping-Zhang Tung, Ming-Ru Xue
PF-1	Valorization of Textile Waste for Biochar Production	LAM Yintung and KAN Chi Wai
PF-2	Synthesis of Amorphous Cellulose Derivatives by Means of Michael Addition to Hydroxyalkyl Acrylates	Hiroyuki Nagaishi, Masayasu Totani, and Jun-ichi Kadokawa
PF-3	Etherification of chitin in ionic liquid	Shigenobu Yuki, Masayasu Totani, and Jun-ichi Kadokawa
PF-4	Study of Water-Based PET Fabrics Decolorization	Chung-Yang Chuang; Hui-Min Wang; Chan-Jung Chang
PF-5	Fabrication of Bio-based Poly(lactic acid) Fibrous Membranes via Electrospinning for Application in Oil/Water Separation	Trong-Ming Don, Wei-Ting Kao, Chih-Yu Kuo
PF-6	Green Solvent and High-Pressure Processing for Eco-friendly Chitin Production	Rou Li, Ling-Sue Pey, and Min-Lang Tsai

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PG-1	Study of compositing cotton yarn and resin using a rotary 3D printer to form clothing.	Hiroki Murase
PG-2	Impact of Clothes Dryers on Microfiber Emission, Fabric Damage, and Energy Consumption	Choi Jeein, Lee Subin, and Yun Changsang
PG-3	Research on the application of embroidery techniques to the design of phalaenopsis pattern parasol	Yu-Hua Qiu, Ru-Linn Cheng