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### Research Publications

1. Xiao Xiao Wei, Mohamed Amine Aouraghe, Shasha Pang, Farial Islam Farha , **Sidra Saleemi**, Kun Zhang, Wei Liu and Fujun Xu" Highly stretchable electro-conductive yarn via wrapping carbon nanotube yarn on multifilament polyester yarn" *Published in Journal of Industrial Textiles* ( 2020 [DOI: 10.1177/1528083720957404](https://doi.org/10.1177/1528083720957404))
2. **S. Saleemi**, Z. A. Abro, A. H Shah, N. A. Rind, A. Anwar, A. W. Rajput "A Green and Cost-effective Approach to Reutilize the Effluent from Bleaching Process" *Published in journal of Applied and Emerging Sciences* Vol (09), Issue (02), (May, 2020) DOI: [10.36785/BUITEMS.JAES.277](https://doi.org/10.36785/BUITEMS.JAES.277)
3. **Sidra Saleemi**, Tayab Naveed, Tabinda Riaz, Hafeezullah Memon ,Javeed Ashraf Awan, M. Irfan Siyal , Fujun Xu and Jihyun Bae." Surface Functionalization of Cotton and PC Fabrics Using SiO<sub>2</sub> and ZnO Nanoparticles for Durable Flame Retardant Properties" *Published in Coatings* (February 1, 2020) [doi:10.3390/coatings10020124](https://doi.org/10.3390/coatings10020124) .
4. Zhiyong Wang, Jianhua Wu, Xiaoxiao Wei, **Sidra Saleemi**, Wei Liu, Wei Li, Ifra Marriam aand Fujun Xu,"Bio-Inspired Microstructure-Reorganized Behavior of Carbon Nanotube Yarn Induced by Cyclic Stretching Training" *Published in Journal of Materials Chemistry C* (2020) [DOI: 10.1039/c9tc06056a](https://doi.org/10.1039/c9tc06056a).
5. Yunfei Bai, Qi Xia, Jianghan Feng, Han Liu, Jialin Zheng, Danyao Xu, **Sidra Saleemi** and Fujun Xu\*, "Braided Rope Sensor Based on Carbon Nanotube Yarn", *Published in Journal of Textile Science & Fashion Technology*, July 2019
6. Amna Siddique, Sharjeel Abid, Faizan Shafiq, Yasir Nawab, Hailou Wang, Baohui Shi, **Sidra Saleemi**, Baozhong Sun,"Mode I fracture toughness of fiber-reinforced polymer composites: A review" *Published in Journal of Industrial Textiles* (June 24, 2019) <https://doi.org/10.1177/1528083719858767>

7. Liyong Wang, Xiaohua Liu, **Sidra Saleemi**, Yinjiang Zhang, Yiping Qiu, Fujun Xu, "Bending properties and failure mechanisms of three-dimensional hybrid woven spacer composites with glass and carbon fibers", Published in *Textile Research Journal* in **(March 2019)** <https://doi.org/10.1177/0040517519837730>
8. Shahzad Maqsood Khan, Samander Ali Malik, Nafisa Gull, **Sidra Saleemi**, Atif Islam & Muhammad Taqi Zahid Butt," *Fabrication and modelling of the macro-mechanical properties of cross-ply laminated fibre-reinforced polymer composites using artificial neural network*", Published in *Advanced Composite Materials* (**February 2019**)DOI: 10.1080/09243046.2019.1573448.
9. T. Naveed, Y. Zhong, A. Hussain, A. A. Babar, A. Naeem, A. Iqbal, and **S. Saleemi**," *Female Body Shape Classifications and Their Significant Impact on Fabric Utilization*", Published in *Fibers and Polymers* (**2018**), Vol.19, No.12, 2642-2656, DOI 10.1007/s12221-018-8258-0
10. Chun-Hui Chen, **Sidra Saleemi**, Xiao-hua Liu, Yi-ping Qiu & Fu-Jun Xu," *Hydrophobic lipophilic modified cotton fabric for oil absorption applications*", published in *Journal of Natural Fibers*, Poland, (**2018**), DOI: 10.1080/15440478.2018.1476946
11. **Sidra Saleemi**, Abdul Malik Rehan, Abbasi, Zamir Ahmed Abro, Nadir Ali Rind and Fujun Xu," *Preparation of Phase Change Material on Polyester/Cotton Blend*", published in *IOP Conf. Series: Materials Science and Engineering* 414 (**2018**) 012024 doi:10.1088/1757-899X/414/1/012024
12. Tabinda Riaz, Adnan Admad, **Sidra Saleemi**, Adbul Moqheet Hai, Tahir Jamil," *Synthesis and Characterization of Polyurethane-Cellulose Acetate blend membrane for Chromium (VI) removal*" Published in *Carbohydrates Polymers* 153 (**2016**) 582-591 (ISSN : 0144-8617) I.F = 4.2
13. Samander Ali Malik, **Sidra Saleemi**, Naveed Mangel, "Predicting Hydrophobicity of Silica Sol Coated Dyed Cotton Fabric by Artificial Neural Network and Regression Techniques Published in *Indian Journal of Fibers and Textile Research* in march **2016** vol. 41, pp 67-72 (ISSN: 0971-0426), I.F = 0.778
14. Samander Ali Malik, Rabia Almas, Zeeshan Khatri, **Sidra Saleemi**, Chokri Cherif," *Neural network modeling and principle component analysis of antibacterial activity of chitosan/ AgCl-Tio2 colloid treated cotton fabric*", published in *Fiber and Polymer* 16 (5), 1142-1149, **2015** (ISSN: 1875-0052). I.F = 1.2
15. **Sidra Saleemi**, Farooq Ahmed Arain, Samander Ali Malik, "Study of Physical Properties of Nano-Silica Coated Cotton Textiles" Published in *Mehran University*

Research Journal of Engineering & Technology 34 (2), 202-207, **2015** (ISSN 0254-7821).

16. Farooq Ahmed, **Sidra Saleemi**, Zeeshan Khatri "Co-Electrospun Poly( $\epsilon$ -caprolactone)/Cellulose nanofibers- fabrication and characterization" Published in Carbohydrate Polymers 115 (**2015**) 388–393 (ISSN : 0144-8617) I.F = 3.916.
17. Farooq Ahmed, **Sidra Saleemi**, Abdul Waqar Rajput, Irfan Ahmed Sheikh, and Abdul Razaque Sahito, "Characterization of Rotor Spun Knitting Yarn at High Rotor Speeds" Published in Technical Journal, University of Engineering & Technology (UET) Taxila, Pakistan (ISSN: 2313-7770) Vol. 19 No, IV- **2014**.
18. **Sidra Saleemi**, Samander Ali Malik, Uzma Syed and Anwaruddin Tanwari, "Investigation of wash durability of hydrophobic 100% Cotton dyed Fabric Treated by Sol-Gel Technique" published on December 1, **2014** in Volume 9, Issue 4, in Journal of Engineered Fibers and Fabric. ISSN: 1558-9250). I.F = 0.807, USA
19. Farooq Ahmed, Abdul Waqar Rajput, Abdul Razaque Sahito, **Sidra Saleemi** "Impact of Trifling Quantity of Polyester Content on Physical Characteristics of Low Twist Rotor Spun Yarn" published in Journal of Science International 26(1), 279-282, **2014**, (ISSN 1013-5316) Lahore.
20. Rabia Almas Arain, Nadir Ali Rind, **Sidra Saleemi**, "Effect of PVA concentration on air permeability of polyurethane laminated cotton fabric and dyeing of laminated fabric" published in International Journal of Chemical and Environmental Engineering Vol 4- No 6, 378-380, **2013** (ISSN 2078-0737). G.I.F = 0.367
21. **Sidra Saleemi**, Atif Ejaz, Rabia Almas, Anwar uddin Tanwari, "Sol-gel treatment of direct dyed cotton fabric with Aerosil®200 to enhance water repellency and fastness properties" published in Journal of Science International 25(4), 823-827, **2013** (ISSN 1013-5316), Lahore.
22. S. A. Malik, N. Mengal, **S. Saleemi**, S. A. Abbasi, "Blended yarn analysis: Part II - Influence of Twist Multiplier and Back Roller Cot Hardness on Mass Variation, Hairiness and Physical Properties of 15 Tex PES/CO Blended Ring Spun Yarn" published in Journal of Natural Fibers, 10 (3), 271-281, Poland, **2013**. ( ISSN: 1544-0478, 1544046X), I.F = 1.1
23. **Sidra Saleemi**, Nadir Ali Rind "Nano-silica based sol-gel coating of direct dyed cotton fabrics to improve colorfastness properties" published in Advance Materials Research Vols. 538-541 (2012) pp 2251-2254. Online available since **2012** /Jun/14. (ISSN: 1662-8958).