

List of Publications (2021-2022)

S. #	Title	Journal	DOI	Year	Author(s)
1	Utilization of textile denim sludge waste in high loadbearing structural applications	Polimery	https://doi.org/10.14314/polimery.2022.7.2	2022	Tahreem Beg, Muhammad Owais Raza Siddiqui, Muhammad Aslam Butto, Kashif Iqbal & Danmei Sun
2	Cost-Effective Synthesis of Cobalt Ferrite Nanoparticles by Sol-Gel Technique	Material Science Forum	https://doi.org/10.4028/p-idlq11	2022	Abdullah M, Hasany S, Amir Qureshi M, Hussain S.
3	Fully Automatic Weave Identification in Woven Fabrics Using Digital Image Processing	MDPI Engineering proceedings	https://doi.org/10.3390/engproc2022020001	2022	Qureshi, M.A.; Butt, R.A.; Arfeen, M.Z.; Akram, N.
4	Investigation of Fibre Orientation and Void Content in Bagasse Fibre Composites Using an Image Analysis Technique	Fibres & Textiles in eastern Europe	https://doi.org/10.5604/013001.0014.7784	2022	Sheraz Hussain Siddique, Saira Faisal, Qurat-ul-Ain Mohtashim, Muhammad Ali, R. Hugh Gong
5	Performance evaluation of hot mix asphalt using textile waste	Industria Textila	https://doi.org/10.35530/I.T.073.03.202144	2022	Sajjad Ali, Muhammad Owais Raza Siddiqui, Afzal Ahmed, Kashif Iqbal, Muhammad Usama Noorani, Waqar Iqbal and Danmei Sun
6	Investigation and optimisation of process parameters for the green chemistry colouration using banana bio-resources waste.	Pigment & Resin Technology	https://doi.org/10.1108/PR T-01-2022-0006	2022	Quratulain Mohtashim, Fareha Asim, and Salma Farooq.
7	Yarn porosity and its relationship with the dyeing behavior.	Pigment & Resin Technology	https://doi.org/10.1108/PR T-12-2021-0138	2022	Sheraz H Siddique, Salma Farooq, Quratulain Mohtashim and Gong, H.
8	Woven Designs: Concepts and Development for New Entrepreneurs in Textile Businesses of Pakistan	International Journal of Innovation, Creativity and Change	https://www.ijcc.net/images/Vol_15/Iss_7/15721_Dad_2021_E1_R.pdf	2022	Allah Dad; U Zahid; Muhammad Dawood Husain
9	Investigating the Inaccuracies of indirect method of blood pressure measurement associated to the cuff constructing fabrics	Mehran University Research Journal of Engineering and Technology	https://doi.org/10.22581/muet1982.2202.12	2022	Shenela Naqvi; Muhammad Dawood Husain; P. Lewis
10	An investigation into the fastness and mechanical properties of p-aramid fabric dyed with disperse dye	Color Research and Application	https://doi.org/10.1002/col.22729	2022	Kashif Iqbal, Abdur Rehman, Muhammad Owais Raza Siddiqui, Faiza Safdar, Abdul Basit, Hafiz Shahzad Maqsood, Farooq Azam
11	Multi response optimization in the development of anti-pilling and easy care finished rayon from bamboo and bamboo/cotton fabrics using desirability function	Mehran University Research Journal of Engineering and Technology	-	2022	Farhana Naeem, Fareha Asim, and M. Tufail

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1 2	Surface Chemical Analysis of CI Leuco Sulfur Black 1 Dyed Cotton Fabric Sequentially after-treated with Cationic Fixing Agent and Tannin.	Fibers and polymers	https://doi.org/10.1007/s12221-022-3295-0	2022	Quratulain Mohtashim and Muriel Rigout.
1 3	Steady state mathematical model of Test-Rig for the validation of experimental Temperature-Resistance relationship of Temperature Sensing Fabric	Mehran University Research Journal of Engineering and Technology	https://doi.org/10.22581/muet1982.2201.03	2022	Muhammad Dawood Husain, Shenela Naqvi, Muhammad Owais Raza Siddiqui and Richard Kennon
1 4	Investigation of self-cleaning attributes of denim fabric modified with naturally synthesized ZnO nanoparticles	Pigment & Resin Technology	https://doi.org/10.1108/PR-T-04-2022-0042	2022	Fareha Asim and Farhana Naeem
1 5	Investigating the Liquid Moisture Transport Behavior of Cotton and polyester Cotton Blended Woven Fabric	Mehran University Research Journal of Engineering and Technology	-	2022	Salma Farooq; Saira Faisal; Fareha Asim
1 6	Modeling method to evaluate the thermo-regulating behavior of microencapsulated PCMS coated fabric	Industria Textila	https://doi.org/10.35530/I.T.073.01.202143	2022	Muhammad Owais Raza Siddiqui, Zehra Baloch, Muhammad Usama Noorani, Kashif Iqbal, Muhammad Zubair and Danmei Sun
1 7	An investigation into designs of blood pressure cuff using Tekscan Pressure sensing system	AATCC Journal of Research	-	2022	Shenela Naqvi, Muhammad Aamir, Farhana Naeem
1 8	Estimation of arterial pressure through cuffs constructed from different fabrics using simulation modelling	The Journal of The Textile Institute	-	2022	Shenela Naqvi, Prasad Potluri, Philip Lewis
1 9	Flexible hybrid perovskite nanofiber for all-inorganic perovskite solar cells	Materials Research Bulletin	https://doi.org/10.1016/j.materresbull.2022.111747	2022	LeiNing NingxiaGu TianweiWang WeihongLiu PingfanDu ^a Wei-HsiangChen LixinSong Sheraz HussainSiddique JieXiong
2 0	The effect of basalt knitted fabric on the properties of green epoxy resin	Polimery	https://doi.org/10.14314/polimery.2022.2.3	2022	Jamshaid, H., Rajput, A. W., Zahid, B., Memon, S., Qureshi, R. F., Aslam, S., & Nadeem, M.
2 1	The effect of degree of curvature and fabric orientation on the impact properties of single and multilayer textile composites	The Journal of Textile Institute	http://doi.org/10.1080/00405000.2020.1863566	2022	Mohammad Irfan, Bilal Zahid, Sheraz Hussain Siddique, Hafsa Jamshaid, Abdul Waqar Rajput & Aiqin Hou
2 2	Use of high strength technical textiles in strengthening of reinforced concrete structural elements	The Journal of Textile Institute	http://doi.org/10.1080/00405000.2020.1870784	2022	Asad-ur-Rehman Khan, Shamsoon Fareed & Bilal Zahid,
2 3	Characterization of water repellent & flame retardant finished cotton canvas fabric for bivouac	AATCC Journal of Research		2022	Farhana Naeem. Hussain M.D; Danyal

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24	Surface chemical analysis of ci leuco sulphur black 1 dyed cotton fabric after-treated with plant-derived tannin-based protective agent.	Cellulose Chemistry and Technology	https://www.cellulosechemtechnol.ro/pdf/CCT7-8(2021)/p.883-891.pdf	2021	Quratulain Mohtashim and Muriel Rigout.
25	Electrically heated wearable textiles produced by conventional pigmented inks containing carbon black	Pigment & Resin Technology	https://doi.org/10.1108/PR-T-05-2021-0051	2021	Muhammad Ali, Saira Faisal, Shenela Naqvi, Khadija Abdul Wahab, Rida Afreen, Long Lin
26	Statistical Optimization and Bulk Scale Validation of the Effects of Cationic Pre-treatment of Cotton Fabric for Digital Printing with Reactive Dyes	Journal of Natural Fibers	https://doi.org/10.1080/15440478.2021.1932671	2021	Saira Faisal, Muhammad Ali, Shenela Naqvi & Long Lin
27	The measurement of dynamic tension fluctuation in a flat knitting machine	International Journal of Innovation, Creativity and Change	https://www.ijcc.net/images/Vol_15/Iss_6/15645_Iqbal_2021_E1_R.pdf	2021	Waqar Iqbal, Yaming Jiang, Muhammad Owais Raza Siddiqui, Raza Ahmed, Qi Yi_Xong, Syed Umer Afzal, Dilini Srinika Wijerathne Gunasekara, And Rahid Hussain
28	The development of a tannin-based after-treatment for cotton fabric dyed with sulphur dyes.	Pigment & Resin Technology	https://doi.org/10.1108/PR-T-02-2021-0020	2021	Quratulain Mohtashim, Muriel Rigout and Sheraz Hussain Siddique Hussain Yousfani.
29	Porosity and Fibre Orientation of Banana Fibre Nonwoven Webs Using Image Analysis Technique.	Journal of Natural Fibres	https://doi.org/10.1080/15440478.2021.1904478	2021	Jahanzeb, S., Siddique, S. H., & Hussain, D.
30	Effect of Crosslinking Agents on the Strength Characteristics of Cellulosic Fabrics Using 2 ³ .3 ² mixed level factorial	Pigment & Resin Technology		2021	Farhana Naeem, Fareha Asim, and M. Tufail
31	Investigation into the effect of resin finish on the functional characteristics of plain fabrics using different curing methods, Pigment & Resin Technology” Vol. Ahead-of-print.	Pigment & Resin Technology	https://doi.org/10.1108/PR-T-09-2021-0110	2021	Farhana Naeem, Fareha Asim, and M. Tufail
32	Productivity improvement in denim industry by DMAIC methodology	International Journal of Innovation, Creativity and Change	https://www.ijcc.net/images/Vol_15/Iss_3/15322_Siddiqui_2021_E1_R.pdf	2021	Muhammad Owais Raza Siddiqui, Imran Noor, Muhammad Dawood Husain, Muhammad Usama Noorani, Allah Dad and Waqar Iqbal
33	Aftertreatments of Sulfur Black 1 Dyed Cotton Fabric: Optimization of Process Parameters for Developing a Protective System to Improve Color Retention.	AATCC Journal of Research	https://doi.org/10.14504/ajr.8.1	2021	Quratulain Mohtashim, Fareha Asim, and Salma Farooq.
34	Characterisation of Interlock Knitted Fabric with Different Feed Patterns to Improve Thermal and Sensorial Comfort	Fibres & Textiles in Eastern Europe	http://doi.org/10.5604/01.3001.0014.7791	2021	Jamshaid H, Rajput AW, Zahid B, Hussain S,
35	Comparative analysis of 100% Cotton Siro and Single Yarns	Industria Textila	http://doi.org/10.35530/IT.068.04.1383	2021	Rajput AW, Ali A, Zahid B, Jamshaid H, Memon S, Waleed M,
36	Experimental investigation on pressure transmission underneath blood pressure cuffs of different types using an arm simulator	The Journal of The Textile Institute	https://doi.org/10.1080/00405000.2021.1899451	2021	Naqvi, Shenela Naqvi, Prasad Potluri, Philip Lewis, Parthssarathi

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37	Impact Properties of Continuously Textile Reinforced Double Fabric Layered Riot-Police-Helmet-Shells	Industria Textila	http://doi.org/10.35530/IT.072.05.1820	2021	Zahid B, Jamshaid H, Rajput AW, Chen X.,
38	Inkjet printing of silk: factors influencing ink penetration and ink spreading	Pigment & Resin Technology	https://doi.org/doi:10.1108/PRT-12-2019-0120	2021	Saira Faisal, Muhammad Ali, Sheraz H. Siddique, Long Lin
39	Mechanical Performance of Knitted Hollow Composites from Recycled Cotton and Glass Fibers for Packaging Applications,	Polymers	https://doi.org/10.3390/polym13142381	2021	Jamshaid H, Mishra R, Zeeshan M, Zahid B, Basra S.A., Tichy M, Muller M,
40	Performance Evaluation of Upholstery Fabric Developed from Recycled Fibers,	Fibres & Textiles in Eastern Europe	http://doi.org/10.5604/01.3001.0014.9296	2021	Jamshaid H, Rajput AW, Zahid B, Hussain S, Husain U,
41	Thermo physiological comfort of single jersey knitted fabric derivatives, Fashion & Textiles	Fashion & Textiles	https://fashionandtextiles.springeropen.com/counter/pdf/10.1186/s40691-021-00266-5.pdf	2021	Rajesh Mishra, Hafsa Jamshaid, Sheraz Hussain Siddique Yousfani, Uzair Hussain, Muhammad Nadeem, Michal Petru, Martin Tichy, Miroslav Muller