Muhammad Maqsood

List of Publications by Year
in descending order

23	391	759233 12	794594 19
papers	citations	h-index	g-index

23	23	23	372
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigation of the Flammability and Thermal Stability of Halogen-Free Intumescent System in Biopolymer Composites Containing Biobased Carbonization Agent and Mechanism of Their Char Formation. Polymers, 2019, 11, 48.	4.5	48
2	Investigating the mechanical behavior of composites made from textile industry waste. Journal of the Textile Institute, 2017, 108, 835-839.	1.9	43
3	Biodegradable Flame Retardants for Biodegradable Polymer. Biomolecules, 2020, 10, 1038.	4.0	42
4	Effect of woven fabric structure on the air permeability and moisture management properties. Journal of the Textile Institute, 2016, 107, 596-605.	1.9	31
5	The Efficiency of Biobased Carbonization Agent and Intumescent Flame Retardant on Flame Retardancy of Biopolymer Composites and Investigation of their Melt-Spinnability. Molecules, 2019, 24, 1513.	3.8	24
6	Investigation of melt spinnability of plasticized polylactic acid biocomposites-containing intumescent flame retardant. Journal of Thermal Analysis and Calorimetry, 2020, 139, 305-318.	3.6	24
7	Comparison of compression properties of stretchable knitted fabrics and bi-stretch woven fabrics for compression garments. Journal of the Textile Institute, 2017, 108, 522-527.	1.9	19
8	Thermo-mechanical behavior of stainless steel knitted structures. Heat and Mass Transfer, 2016, 52, 1861-1870.	2.1	18
9	Development of seersucker knitted fabric for better comfort properties and aesthetic appearance. Fibers and Polymers, 2015, 16, 699-701.	2.1	17
10	Novel Bicomponent Functional Fibers with Sheath/Core Configuration Containing Intumescent Flame-Retardants for Textile Applications. Materials, 2019, 12, 3095.	2.9	15
11	Modeling the effect of weave structure and fabric thread density on the barrier effectiveness of woven surgical gowns. Journal of the Textile Institute, 2016, 107, 873-878.	1.9	14
12	Modeling the effect of elastane linear density, fabric thread density, and weave float on the stretch, recovery, and compression properties of bi-stretch woven fabrics for compression garments. Journal of the Textile Institute, 2016, 107, 307-315.	1.9	13
13	Development of seersucker fabrics using single warp beam and modelling of their stretch-recovery behaviour. Journal of the Textile Institute, 2015, 106, 1154-1160.	1.9	10
14	Prediction of warp and weft yarn crimp in cotton woven fabrics. Journal of the Textile Institute, 2015, 106, 1180-1189.	1.9	10
15	Development of biobased socks from sustainable polymer and statistical modeling of their thermo-physiological properties. Journal of Cleaner Production, 2018, 197, 170-177.	9.3	10
16	Improved Thermal Processing of Polylactic Acid/Oxidized Starch Composites and Flame-Retardant Behavior of Intumescent Non-Wovens. Coatings, 2020, 10, 291.	2.6	10
17	A Statistical Approach for Obtaining the Controlled Woven Fabric Width. Autex Research Journal, 2015, 15, 275-279.	1.1	8
18	Multi-response optimization of mechanical and comfort properties of bi-stretch woven fabrics using grey relational analysis in Taguchi method. Journal of the Textile Institute, 2017, 108, 794-802.	1.9	8

#	Article	IF	Citations
19	Modelling the Effect of Weave Structure and Fabric Thread Density on Mechanical and Comfort Properties of Woven Fabrics. Autex Research Journal, 2016, 16, 160-164.	1.1	7
20	Modeling the mechanical and compression properties of polyamide/elastane knitted fabrics used in compression sportswear. Journal of the Textile Institute, 2016, 107, 1240-1252.	1.9	6
21	Recycling of warp size materials and comparison of yarn mechanical properties sized with recycled materials and virgin materials. Journal of the Textile Institute, 2017, 108, 84-88.	1.9	6
22	Development Of 3D Woven Fabric Based Pressure Switch. Autex Research Journal, 2015, 15, 148-152.	1.1	4
23	Statistical Modeling of Thermal Properties of Biobased Compostable Gloves Developed from Sustainable Polymer. Fibers and Polymers, 2018, 19, 1094-1101.	2.1	4