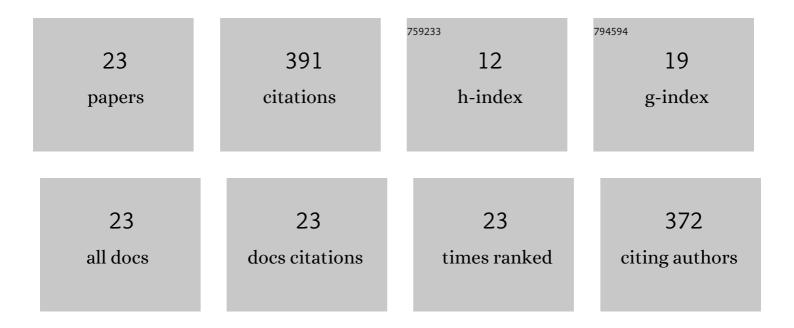
## Muhammad Maqsood

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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
2	Biodegradable Flame Retardants for Biodegradable Polymer. Biomolecules, 2020, 10, 1038.	4.0	42
3	Improved Thermal Processing of Polylactic Acid/Oxidized Starch Composites and Flame-Retardant Behavior of Intumescent Non-Wovens. Coatings, 2020, 10, 291.	2.6	10
4	Novel Bicomponent Functional Fibers with Sheath/Core Configuration Containing Intumescent Flame-Retardants for Textile Applications. Materials, 2019, 12, 3095.	2.9	15
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 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
7	Statistical Modeling of Thermal Properties of Biobased Compostable Gloves Developed from Sustainable Polymer. Fibers and Polymers, 2018, 19, 1094-1101.	2.1	4
8	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
9	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
10	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
11	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
12	Investigating the mechanical behavior of composites made from textile industry waste. Journal of the Textile Institute, 2017, 108, 835-839.	1.9	43
13	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
14	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
15	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
16	Thermo-mechanical behavior of stainless steel knitted structures. Heat and Mass Transfer, 2016, 52, 1861-1870.	2.1	18
17	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
18	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

#	Article	IF	CITATIONS
19	Development Of 3D Woven Fabric Based Pressure Switch. Autex Research Journal, 2015, 15, 148-152.	1.1	4
20	A Statistical Approach for Obtaining the Controlled Woven Fabric Width. Autex Research Journal, 2015, 15, 275-279.	1.1	8
21	Development of seersucker knitted fabric for better comfort properties and aesthetic appearance. Fibers and Polymers, 2015, 16, 699-701.	2.1	17
22	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
23	Prediction of warp and weft yarn crimp in cotton woven fabrics. Journal of the Textile Institute, 2015, 106, 1180-1189.	1.9	10