# Muhammad Maqsood

List of Publications by Year
in descending order

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|---|---|---|---|
| 23 papers | 391 citations | 759233 12 h-index | 794594 19 g-index |
| 23 all docs | 23 docs citations | 23 times ranked | 372 citing authors |

| # | 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 |