

Saeed Shaikhzadeh Najar

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

431
citations

1040056

9
h-index

794594

19
g-index

31
all docs

31
docs citations

31
times ranked

416
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Transport properties of multi-layer fabric based on electrospun nanofiber mats as a breathable barrier textile material. <i>Textile Reseach Journal</i> , 2012, 82, 70-76. | 2.2 | 102 |
| 2 | An experimental verification of cut-pile carpet compression behavior. <i>Journal of the Textile Institute</i> , 2010, 101, 488-494. | 1.9 | 36 |
| 3 | Meso/macro-scale finite element model for forming process of woven fabric reinforcements. <i>Journal of Composite Materials</i> , 2013, 47, 2075-2085. | 2.4 | 35 |
| 4 | A new theoretical approach to cut-pile carpet compression based on elastic-stored bending energy. <i>Journal of the Textile Institute</i> , 2009, 100, 688-694. | 1.9 | 34 |
| 5 | The effect of fabric design and weft density on bagging behavior of cotton woven fabrics. <i>Journal of the Textile Institute</i> , 2010, 101, 135-142. | 1.9 | 29 |
| 6 | Study on effect of blend ratio on thermal comfort properties of cotton/nylon-blended fabrics with high-performance Kermel fibre. <i>Journal of the Textile Institute</i> , 2015, 106, 674-682. | 1.9 | 16 |
| 7 | Application of airjet nozzle in short staple Siro spinning system. <i>Journal of the Textile Institute</i> , 2011, 102, 14-18. | 1.9 | 15 |
| 8 | Compression properties of weft knitted fabrics consisting of shrinkable and non-shrinkable acrylic fibers. <i>Fibers and Polymers</i> , 2006, 7, 295-304. | 2.1 | 14 |
| 9 | Bending properties of fine-grained concrete composite beams reinforced with single-layer carbon/polypropylene woven fabrics with different weave designs and thread densities. <i>Journal of the Textile Institute</i> , 2013, 104, 1213-1220. | 1.9 | 14 |
| 10 | Study on thickness loss of cut-pile carpet produced with heat process-modified polyester pile yarn. Part I: static loading. <i>Journal of the Textile Institute</i> , 2014, 105, 1265-1271. | 1.9 | 12 |
| 11 | Study on thickness loss of cut-pile carpet produced with heat process modified polyester pile yarn. Part II: dynamic loading. <i>Journal of the Textile Institute</i> , 2015, 106, 236-241. | 1.9 | 12 |
| 12 | Experimental and macro finite element modeling studies on conformability behavior of woven nylon 66 composite reinforcement. <i>Journal of the Textile Institute</i> , 2020, 111, 874-881. | 1.9 | 12 |
| 13 | Investigating the electromagnetic shielding effectiveness of copper/cotton full Milano and 1 rib weft-knitted fabrics. <i>Journal of the Textile Institute</i> , 2019, 110, 891-900. | 1.9 | 10 |
| 14 | Analysis of two soft computing modeling methodologies for predicting thickness loss of persian hand-knotted carpets. <i>Fibers and Polymers</i> , 2012, 13, 675-683. | 2.1 | 9 |
| 15 | Effect of socks structures on plantar dynamic pressure distribution. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2016, 230, 1043-1050. | 1.8 | 9 |
| 16 | The effect of plasma treatment and tightness factor on the low-stress mechanical properties of single jersey knitted wool fabrics. <i>Textile Reseach Journal</i> , 2018, 88, 499-509. | 2.2 | 9 |
| 17 | Design and fabrication of a fabric for electromagnetic filtering application (experimental and) Tj ETQq1 1 0.784314,rgBT /Overlock 10 | 1.9 | 9 |
| 18 | A hyperelastic approach for finite element modelling puncture resistance of needle punched nonwoven geotextiles. <i>Fibers and Polymers</i> , 2017, 18, 1623-1628. | 2.1 | 8 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | A new approach to deâ€œcurling force of single jersey weftâ€œknitted fabric. Journal of the Textile Institute, 2010, 101, 941-949. | 1.9 | 7 |
| 20 | Electrical conductivity of vaporâ€œgrown carbon nanofiber/polyester textileâ€œbased composites. Journal of Applied Polymer Science, 2013, 130, 3009-3017. | 2.6 | 5 |
| 21 | The study on structural properties and tensile strength of reared silkworm cocoon. Journal of the Textile Institute, 2018, 109, 195-201. | 1.9 | 5 |
| 22 | Modeling the bagging behavior of worsted fabrics using response surface methodology. Journal of the Textile Institute, 2018, 109, 695-702. | 1.9 | 5 |
| 23 | Theoretical and experimental analysis of bending rigidity of plain and twill woven fabrics. Journal of the Textile Institute, 2017, 108, 1700-1706. | 1.9 | 4 |
| 24 | Analysis of Blend Irregularities and Fiber Migration Index of Wool/Acrylic Blended Worsted Yarns by Using an Image-analysis Technique. Journal of the Textile Institute, 2003, 94, 177-185. | 1.9 | 3 |
| 25 | The effect of air-jet nozzle structural parameters on new cotton rotor-jet spun yarn properties. Journal of the Textile Institute, 2012, 103, 595-603. | 1.9 | 3 |
| 26 | Investigation of fiber migration in rotor-jet spun yarn. Journal of the Textile Institute, 2017, 108, 1794-1799. | 1.9 | 3 |
| 27 | Tensile strength prediction of irregular fibres using diameter-dependent Weibull analysis. Journal of the Textile Institute, 2019, 110, 600-605. | 1.9 | 3 |
| 28 | Experimental and theoretical analysis of air-inflated circular woven fabric deformation. Journal of the Textile Institute, 2019, 110, 1169-1178. | 1.9 | 2 |
| 29 | Modelling of acrylic cut-pile carpet compression properties by means of expert systems based on carpet structural parameters. Journal of the Textile Institute, 2020, 111, 1389-1399. | 1.9 | 2 |
| 30 | Energy absorption of the Kevlarâˆ®/PP hybrid composite: fabric to composite optimization. Journal of the Textile Institute, 2022, 113, 1018-1026. | 1.9 | 2 |
| 31 | Investigation on the effect of interlaced yarn structures on bending properties of textile reinforced cement composite with cold plasma treated polypropylene fabric. Journal of the Textile Institute, 2023, 114, 601-612. | 1.9 | 2 |