

Saeed Shaikhzadeh Najar

List of Publications by Year in descending order

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31
papers

431
citations

1040056

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794594

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31
all docs

31
docs citations

31
times ranked

416
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Energy absorption of the Kevlar®/PP hybrid composite: fabric to composite optimization. Journal of the Textile Institute, 2022, 113, 1018-1026.	1.9	2
3	Experimental and macro finite element modeling studies on conformability behavior of woven nylon 66 composite reinforcement. Journal of the Textile Institute, 2020, 111, 874-881.	1.9	12
4	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
5	Investigating the electromagnetic shielding effectiveness of copper/cotton full Milano and 1×1 rib weft-knitted fabrics. Journal of the Textile Institute, 2019, 110, 891-900.	1.9	10
6	Experimental and theoretical analysis of air-inflated circular woven fabric deformation. Journal of the Textile Institute, 2019, 110, 1169-1178.	1.9	2
7	Tensile strength prediction of irregular fibres using diameter-dependent Weibull analysis. Journal of the Textile Institute, 2019, 110, 600-605.	1.9	3
8	The effect of plasma treatment and tightness factor on the low-stress mechanical properties of single jersey knitted wool fabrics. Textile Research Journal, 2018, 88, 499-509.	2.2	9
9	The study on structural properties and tensile strength of reared silkworm cocoon. Journal of the Textile Institute, 2018, 109, 195-201.	1.9	5
10	Modeling the bagging behavior of worsted fabrics using response surface methodology. Journal of the Textile Institute, 2018, 109, 695-702.	1.9	5
11	Design and fabrication of a fabric for electromagnetic filtering application (experimental and theoretical analysis). Journal of the Textile Institute, 2018, 109, 784-791.	1.9	10
12	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
13	Investigation of fiber migration in rotor-jet spun yarn. Journal of the Textile Institute, 2017, 108, 1794-1799.	1.9	3
14	A hyperelastic approach for finite element modelling puncture resistance of needle punched nonwoven geotextiles. Fibers and Polymers, 2017, 18, 1623-1628.	2.1	8
15	Effect of socks structures on plantar dynamic pressure distribution. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2016, 230, 1043-1050.	1.8	9
16	Study on thickness loss of cut-pile carpet produced with heat process modified polyester pile yarn. Part II: dynamic loading. Journal of the Textile Institute, 2015, 106, 236-241.	1.9	12
17	Study on effect of blend ratio on thermal comfort properties of cotton/nylon-blended fabrics with high-performance Kermel fibre. Journal of the Textile Institute, 2015, 106, 674-682.	1.9	16
18	Study on thickness loss of cut-pile carpet produced with heat process-modified polyester pile yarn. Part I: static loading. Journal of the Textile Institute, 2014, 105, 1265-1271.	1.9	12

#	ARTICLE	IF	CITATIONS
19	Meso/macro-scale finite element model for forming process of woven fabric reinforcements. Journal of Composite Materials, 2013, 47, 2075-2085.	2.4	35
20	Electrical conductivity of vapor-grown carbon nanofiber/polyester textile-based composites. Journal of Applied Polymer Science, 2013, 130, 3009-3017.	2.6	5
21	Bending properties of fine-grained concrete composite beams reinforced with single-layer carbon/polypropylene woven fabrics with different weave designs and thread densities. Journal of the Textile Institute, 2013, 104, 1213-1220.	1.9	14
22	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
23	Transport properties of multi-layer fabric based on electrospun nanofiber mats as a breathable barrier textile material. Textile Research Journal, 2012, 82, 70-76.	2.2	102
24	Analysis of two soft computing modeling methodologies for predicting thickness loss of persian hand-knotted carpets. Fibers and Polymers, 2012, 13, 675-683.	2.1	9
25	Application of air-jet nozzle in short staple Siro spinning system. Journal of the Textile Institute, 2011, 102, 14-18.	1.9	15
26	A new approach to de-curling force of single jersey weft-knitted fabric. Journal of the Textile Institute, 2010, 101, 941-949.	1.9	7
27	The effect of fabric design and weft density on bagging behavior of cotton woven fabrics. Journal of the Textile Institute, 2010, 101, 135-142.	1.9	29
28	An experimental verification of cut-pile carpet compression behavior. Journal of the Textile Institute, 2010, 101, 488-494.	1.9	36
29	A new theoretical approach to cut-pile carpet compression based on elastic-stored bending energy. Journal of the Textile Institute, 2009, 100, 688-694.	1.9	34
30	Compression properties of weft knitted fabrics consisting of shrinkable and non-shrinkable acrylic fibers. Fibers and Polymers, 2006, 7, 295-304.	2.1	14
31	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