Mehdi Kamali Dolatabadi

List of Publications by Year
in descending order

32	188	1163117 8	1199594 12
papers	citations	h-index	g-index

32	32	32	153
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tunable functional properties on polyester fabric using simultaneous green reduction of graphene oxide and silver nitrate. Fibers and Polymers, 2016, 17, 1359-1370.	2.1	25
2	Permeability of AR-glass fibers roving embedded in cementitious matrix. Materials and Structures/Materiaux Et Constructions, 2011, 44, 245-251.	3.1	17
3	Origin of tensile strength of a woven sample cut in bias directions. Royal Society Open Science, 2015, 2, 140499.	2.4	14
4	Geometry of plain weave fabric under shear deformation. Part I: measurement of exterior positions of yarns. Journal of the Textile Institute, 2009, 100, 368-380.	1.9	13
5	Geometrical and mechanical properties of a non-crimp fabric applicable for textile reinforced concrete. Journal of the Textile Institute, 2014, 105, 711-716.	1.9	13
6	Flexural design of textile-reinforced concrete (TRC) using warp-knitted fabric with improving fiber performance index (FPI). Journal of the Textile Institute, 2018, 109, 492-500.	1.9	13
7	Geometry of plain weave fabric under shear deformation. Part II: 3D model of plain weave fabric before deformation. Journal of the Textile Institute, 2009, 100, 381-386.	1.9	11
8	Anisotropy in tensile properties of plain weave fabric â€“ Part I: The meso-scale model. Textile Reseach Journal, 2012, 82, 1666-1676.	2.2	11
9	Geometry of plain weave fabric under shear deformation. Part III: 3D model of plain weave fabric under shear deformation. Journal of the Textile Institute, 2009, 100, 387-399.	1.9	8
10	Supplier Selection in Textile Industry Using Fuzzy MADM. Research Journal of Applied Sciences, Engineering and Technology, 2013, 6, 400-411.	0.1	6
11	Reduction of 4-nitrophenol to 4-aminophenol over sonoimmobilized silver/reduced graphene oxide nanocomposites on polyester fabric. Fibers and Polymers, 2017, 18, 2287-2297.	2.1	6
12	A new method for measuring of rupture properties of fabrics. Textile Reseach Journal, 2012, 82, 417-429.	2.2	5
13	The study on structural properties and tensile strength of reared silkworm cocoon. Journal of the Textile Institute, 2018, 109, 195-201.	1.9	5
14	<scp>Nanofibrous</scp> composite from <scp>polycaprolactoneâ€polyethylene glycolâ€aloe</scp> vera as a promising scaffold for bone repairing. Journal of Applied Polymer Science, 2022, 139, .	2.6	5
15	The effect of polyester fibres on quality of hand-knotted carpets. Journal of the Textile Institute, 2005, 96, 1-9.	1.9	4
16	Deformation of AR glass roving embedded in the warp knitted structure. Journal of the Textile Institute, 2011, 102, 308-314.	1.9	4
17	Rapid Discoloration of Methyl Orange in Water by Conductive Cu/Cu2O/rGO Modified Polyester Fabric. Journal of Polymers and the Environment, 2018, 26, 2502-2513.	5.0	4
18	A discount ordering strategy in two-level supply chain: A case study of textile industry. Management Science Letters, 2012, 2, 2193-2198.	1.5	3

#	Article	IF	Citations
19	Blending quality of co-air-textured yarn: Optimization parameters of Kevlar/polypropylene applicable for thermoplastic composites. Journal of Composite Materials, 2019, 53, 1791-1802.	2.4	3
20	Sound absorption of weft knitted fabrics: influence of fibers cross-section shape, stitch density and mechanical modification of surface. International Journal of Clothing Science and Technology, 2021, 33, 606-618.	1.1	3
21	Bending load capacity of carbon fiber reinforced concrete beams as a function of fiber performance index (FPI). Journal of the Textile Institute, 2019, 110, 581-589.	1.9	2
22	Resin Capacity of Technical Woven Fabrics: Pore Volume and Pore Shape Simulation. Fibers and Polymers, 2020, 21, 2664-2674.	2.1	2
23	Hybrid electrospun nanofibrous membranes: Influence of layer arrangement and composition ratio on tensile and transport properties. Journal of Industrial Textiles, 2022, 51, 4665S-4697S.	2.4	2
24	Hybrid electrospun nanofibrous membranes: Influence of layer arrangement and composition ratio on moisture management behavior. Journal of Industrial Textiles, 2021, 50, 1698-1725.	2.4	2
25	Energy absorption of the KevlarÂ®/PP hybrid composite: fabric to composite optimization. Journal of the Textile Institute, 2022, 113, 1018-1026.	1.9	2
26	Sustainable copper oxide/Tragacanth gum bionanocomposites with multiâ€purpose catalytic activities on textile. Journal of Applied Polymer Science, 2022, 139, .	2.6	2
27	Anisotropy in geometrical and tensile properties of plain weave fabric: verifying a semi-empirical model. Journal of the Textile Institute, 2017, 108, 1537-1544.	1.9	1
28	Bacteria Elimination and SO₂ Filtration Using Spacer Fabric Loaded With Natural Zeoliteâ€Nanosilver Composites. Clean - Soil, Air, Water, 2018, 46, 1700240.	1.1	1
29	Study of tensile properties of plain-woven fabrics in all-directional using energy method, Part II: experimental verification. Journal of the Textile Institute, 2020, 111, 505-517.	1.9	1
30	Study of tensile properties of plain-woven fabrics in all-directional using energy method, Part I: theoretical study. Journal of the Textile Institute, 2020, 111, 1331-1345.	1.9	0
31	Damage characterization of woven fabric composite using acoustic emission method: warp and bias directions. Journal of the Textile Institute, 0, , 1-9.	1.9	0
32	Torsional behavior of non-crimp orthogonal woven composite using experimental and numerical methods. Journal of Industrial Textiles, 0, , 152808372110639.	2.4	0