

# Mehdi Kamali Dolatabadi

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

188  
citations

1305906

8  
h-index

1336881

12  
g-index

32  
all docs

32  
docs citations

32  
times ranked

169  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid electrospun nanofibrous membranes: Influence of layer arrangement and composition ratio on tensile and transport properties. <i>Journal of Industrial Textiles</i> , 2022, 51, 4665S-4697S.	1.1	2
2	Energy absorption of the Kevlar®/PP hybrid composite: fabric to composite optimization. <i>Journal of the Textile Institute</i> , 2022, 113, 1018-1026.	1.0	2
3	<scp>Nanofibrous</scp> composite from <scp>polycaprolactoneâ€polyethylene glycolâ€aloe</scp> vera as a promising scaffold for bone repairing. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	5
4	Sustainable copper oxide/Tragacanth gum bionanocomposites with multiâ€purpose catalytic activities on textile. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	2
5	Sound absorption of weft knitted fabrics: influence of fibers cross-section shape, stitch density and mechanical modification of surface. <i>International Journal of Clothing Science and Technology</i> , 2021, 33, 606-618.	0.5	3
6	Hybrid electrospun nanofibrous membranes: Influence of layer arrangement and composition ratio on moisture management behavior. <i>Journal of Industrial Textiles</i> , 2021, 50, 1698-1725.	1.1	2
7	Study of tensile properties of plain-woven fabrics in all-directional using energy method, Part II: experimental verification. <i>Journal of the Textile Institute</i> , 2020, 111, 505-517.	1.0	1
8	Study of tensile properties of plain-woven fabrics in all-directional using energy method, Part I: theoretical study. <i>Journal of the Textile Institute</i> , 2020, 111, 1331-1345.	1.0	0
9	Resin Capacity of Technical Woven Fabrics: Pore Volume and Pore Shape Simulation. <i>Fibers and Polymers</i> , 2020, 21, 2664-2674.	1.1	2
10	Blending quality of co-air-textured yarn: Optimization parameters of Kevlar/polypropylene applicable for thermoplastic composites. <i>Journal of Composite Materials</i> , 2019, 53, 1791-1802.	1.2	3
11	Bending load capacity of carbon fiber reinforced concrete beams as a function of fiber performance index (FPI). <i>Journal of the Textile Institute</i> , 2019, 110, 581-589.	1.0	2
12	The study on structural properties and tensile strength of reared silkworm cocoon. <i>Journal of the Textile Institute</i> , 2018, 109, 195-201.	1.0	5
13	Rapid Discoloration of Methyl Orange in Water by Conductive Cu/Cu <sub>2</sub> O/rGO Modified Polyester Fabric. <i>Journal of Polymers and the Environment</i> , 2018, 26, 2502-2513.	2.4	4
14	Flexural design of textile-reinforced concrete (TRC) using warp-knitted fabric with improving fiber performance index (FPI). <i>Journal of the Textile Institute</i> , 2018, 109, 492-500.	1.0	13
15	Bacteria Elimination and SO <sub>2</sub> Filtration Using Spacer Fabric Loaded With Natural Zeoliteâ€Nanosilver Composites. <i>Clean - Soil, Air, Water</i> , 2018, 46, 1700240.	0.7	1
16	Anisotropy in geometrical and tensile properties of plain weave fabric: verifying a semi-empirical model. <i>Journal of the Textile Institute</i> , 2017, 108, 1537-1544.	1.0	1
17	Reduction of 4-nitrophenol to 4-aminophenol over sonoimmobilized silver/reduced graphene oxide nanocomposites on polyester fabric. <i>Fibers and Polymers</i> , 2017, 18, 2287-2297.	1.1	6
18	Tunable functional properties on polyester fabric using simultaneous green reduction of graphene oxide and silver nitrate. <i>Fibers and Polymers</i> , 2016, 17, 1359-1370.	1.1	25

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19	Origin of tensile strength of a woven sample cut in bias directions. Royal Society Open Science, 2015, 2, 140499.	1.1	14
20	Geometrical and mechanical properties of a non-crimp fabric applicable for textile reinforced concrete. Journal of the Textile Institute, 2014, 105, 711-716.	1.0	13
21	Supplier Selection in Textile Industry Using Fuzzy MADM. Research Journal of Applied Sciences, Engineering and Technology, 2013, 6, 400-411.	0.1	6
22	A new method for measuring of rupture properties of fabrics. Textile Reseach Journal, 2012, 82, 417-429.	1.1	5
23	Anisotropy in tensile properties of plain weave fabric " Part I: The meso-scale model. Textile Reseach Journal, 2012, 82, 1666-1676.	1.1	11
24	A discount ordering strategy in two-level supply chain: A case study of textile industry. Management Science Letters, 2012, 2, 2193-2198.	0.8	3
25	Deformation of AR glass roving embedded in the warp knitted structure. Journal of the Textile Institute, 2011, 102, 308-314.	1.0	4
26	Permeability of AR-glass fibers roving embedded in cementitious matrix. Materials and Structures/Materiaux Et Constructions, 2011, 44, 245-251.	1.3	17
27	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.	1.0	11
28	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.	1.0	8
29	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.	1.0	13
30	The effect of polyester fibres on quality of hand-knotted carpets. Journal of the Textile Institute, 2005, 96, 1-9.	1.0	4
31	Damage characterization of woven fabric composite using acoustic emission method: warp and bias directions. Journal of the Textile Institute, 0, , 1-9.	1.0	0
32	Torsional behavior of non-crimp orthogonal woven composite using experimental and numerical methods. Journal of Industrial Textiles, 0, , 152808372110639.	1.1	0