Masoud Latifi

List of Publications by Citations

160 papers	2,714 citations	27 h-index	44 g-index
162 ext. papers	3,225 ext. citations	2.6 avg, IF	5.77 L-index

#	Paper	IF	Citations
160	Hybrid short fiber reinforcement system in concrete: A review. *Construction and Building Materials*, **2017**, 142, 280-294	6.7	140
159	Fabrication of composite PVDF-ZnO nanofiber mats by electrospinning for energy scavenging application with enhanced efficiency. *Journal of Polymer Research*, **2015**, 22, 1	2.7	118
158	Electrospinning of chitosan/sericin/PVA nanofibers incorporated with in situ synthesis of nano silver. *Carbohydrate Polymers*, **2014**, 113, 231-9	10.3	95
157	The influence of surface nanoroughness of electrospun PLGA nanofibrous scaffold on nerve cell adhesion and proliferation. *Journal of Materials Science: Materials in Medicine*, **2013**, 24, 1551-60	4.5	89
156	Transport properties of multi-layer fabric based on electrospun nanofiber mats as a breathable barrier textile material. *Textile Reseach Journal*, **2012**, 82, 70-76	1.7	89
155	Overview of wearable electronics and smart textiles. *Journal of the Textile Institute*, **2017**, 108, 631-652	1.5	86
154	Evaluation of comfort properties of polyester knitted spacer fabrics finished with water repellent and antimicrobial agents. *Fibers and Polymers*, **2007**, 8, 386-392	2	76
153	Synthesis of nano copper/nylon composite using ascorbic acid and CTAB. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2013**, 439, 167-175	5.1	70
152	Producing continuous twisted yarn from well-aligned nanofibers by water vortex. *Polymer Engineering and Science*, **2011**, 51, 323-329	2.3	65
151	Piezoelectric electrospun nanofibrous materials for self-powering wearable electronic textiles applications. *Journal of Polymer Research*, **2014**, 21, 1	2.7	64
150	Electrospun core□shell nanofibers for drug encapsulation and sustained release. *Polymer Engineering and Science*, **2013**, 53, 1770-1779	2.3	57
149	Promotion of spinal cord axon regeneration by 3D nanofibrous core-sheath scaffolds. *Journal of Biomedical Materials Research - Part A*, **2014**, 102, 506-13	5.4	54
148	Evolution of moisture management behavior of high-wicking 3D warp knitted spacer fabrics. *Fibers and Polymers*, **2012**, 13, 529-534	2	50
147	Electrical power generation from piezoelectric electrospun nanofibers membranes: electrospinning parameters optimization and effect of membranes thickness on output electrical voltage. *Journal of Polymer Research*, **2014**, 21, 1	2.7	47
146	A theoretical analysis and prediction of pore size and pore size distribution in electrospun multilayer nanofibrous materials. *Journal of Biomedical Materials Research - Part A*, **2013**, 101, 2107-17	5.4	46
145	Flexible hybrid structure piezoelectric nanogenerator based on ZnO nanorod/PVDF nanofibers with improved output.. *RSC Advances*, **2019**, 9, 10117-10123	3.7	45
144	Optimization of electrospinning parameters for polyacrylonitrile-MgO nanofibers applied in air filtration. *Journal of the Air and Waste Management Association*, **2016**, 66, 912-21	2.4	45

143	Highly porous TiO2 nanofibers by humid-electrospinning with enhanced photocatalytic properties. *Journal of Alloys and Compounds*, **2019**, 790, 257-265	5.7	42
142	Study on fiber hybridization effect of engineered cementitious composites with low- and high-modulus polymeric fibers. *Construction and Building Materials*, **2016**, 112, 739-746	6.7	42
141	Three-dimensional pore structure analysis of nano/microfibrous scaffolds using confocal laser scanning microscopy. *Journal of Biomedical Materials Research - Part A*, **2013**, 101, 765-74	5.4	41
140	Utilizing polypropylene fibers to improve physical and mechanical properties of concrete. *Textile Reseach Journal*, **2012**, 82, 88-96	1.7	41
139	Investigation of β phase formation in piezoelectric response of electrospun polyvinylidene fluoride nanofibers: LiCl additive and increasing fibers tension. *Polymer Engineering and Science*, **2016**, 56, 61-70	2.3	41
138	Drug release profile in core-shell nanofibrous structures: a study on Peppas equation and artificial neural network modeling. *Computer Methods and Programs in Biomedicine*, **2014**, 113, 92-100	6.9	37
137	Three-dimensional pore structure analysis of polycaprolactone nano-microfibrous scaffolds using theoretical and experimental approaches. *Journal of Biomedical Materials Research - Part A*, **2014**, 102, 903-10	5.4	32
136	Computer Vision-Aided Fabric Inspection System for On-Circular Knitting Machine. *Textile Reseach Journal*, **2005**, 75, 492-497	1.7	32
135	Comparative evaluation of piezoelectric response of electrospun PVDF (polyvinilydine fluoride) nanofiber with various additives for energy scavenging application. *Journal of the Textile Institute*, **2017**, 108, 906-914	1.5	30
134	How fracture toughness of epoxy-based nanocomposite is affected by PA66 electrospun nanofiber yarn. *Engineering Fracture Mechanics*, **2017**, 182, 62-73	4.2	29
133	Investigation on polymeric fibers as reinforcement in cementitious composites: Flexural performance. *Journal of Industrial Textiles*, **2012**, 42, 3-18	1.6	26
132	Electrospinning/electrospray of polyvinylidene fluoride (PVDF): piezoelectric nanofibers. *Journal of the Textile Institute*, **2015**, 1-19	1.5	24
131	Nanofiber alignment tuning: An engineering design tool in fabricating wearable power harvesting devices. *Journal of Industrial Textiles*, **2017**, 47, 535-550	1.6	23
130	Ligand & band gap engineering: tailoring the protocol synthesis for achieving high-quality CsPbI quantum dots. *Nanoscale*, **2020**, 12, 14194-14203	7.7	23
129	Application of low modulus polymeric fibers in engineered cementitious composites. *Journal of Industrial Textiles*, **2014**, 43, 511-524	1.6	23
128	Advances in electrospinning: The production and application of nanofibres and nanofibrous structures. *Textile Progress*, **2016**, 48, 119-219	2.9	23
127	Piezoelectric electrospun nanofibrous energy harvesting devices: Influence of the electrodes position and finite variation of dimensions. *Journal of Industrial Textiles*, **2017**, 47, 348-362	1.6	21
126	Synthesis of mesoporous functional hematite nanofibrous photoanodes by electrospinning. *Polymers for Advanced Technologies*, **2016**, 27, 358-365	3.2	21

125	PEG-PLA-PCL based electrospun yarns with curcumin control release property as suture. *Polymer Engineering and Science*, **2020**, 60, 1520-1529	2.3	20
124	The experimental and numerical study on the effect of PVB nanofiber mat thickness on interlaminar fracture toughness of glass/phenolic composites. *Engineering Fracture Mechanics*, **2018**, 194, 145-153	4.2	20
123	The effect of hydrophilic (polyvinyl alcohol) fiber content on the flexural behavior of engineered cementitious composites (ECC). *Journal of the Textile Institute*, **2018**, 109, 79-84	1.5	20
122	The effect of hybridization and geometry of polypropylene fibers on engineered cementitious composites reinforced by polyvinyl alcohol fibers. *Journal of Composite Materials*, **2016**, 50, 1007-1020	2.7	20
121	Innovative method for electrospinning of continuous TiO2 nanofiber yarns: Importance of auxiliary polymer and solvent selection. *Journal of Industrial and Engineering Chemistry*, **2014**, 20, 1886-1891	6.3	20
120	An Investigation on Adding Polypropylene Fibers to Reinforce Lightweight Cement Composites (LWC). *Journal of Engineered Fibers and Fabrics*, **2012**, 7, 155892501200700	0.9	20
119	Nanofibers-Based Piezoelectric Energy Harvester for Self-Powered Wearable Technologies. *Polymers*, **2020**, 12,	4.5	18
118	Enhancement of β-Phase Crystalline Structure and Piezoelectric Properties of Flexible PVDF/Ionic Liquid Surfactant Composite Nanofibers for Potential Application in Sensing and Self-Powering. *Macromolecular Materials and Engineering*, **2020**, 305, 1900796	3.9	17
117	Characterizing bulkiness and hairiness of air-jet textured yarn using imaging techniques. *Journal of the Textile Institute*, **2005**, 96, 251-255	1.5	17
116	Multi-layer electrospun nanofiber mats with chemical agent sensor function. *Journal of Industrial Textiles*, **2015**, 45, 467-480	1.6	16
115	Integrated Optical Amplifier–Photodetector on a Wearable Nanocellulose Substrate. *Advanced Optical Materials*, **2018**, 6, 1800201	8.1	16
114	A New Aspect of Geometrical and Physical Principles Applicable to the Estimation of Textile Structures: An Ideal Model for the Plain-knitted Loop. *Journal of the Textile Institute*, **2003**, 94, 202-211	1.5	16
113	Effects of PLGA nanofibrous scaffolds structure on nerve cell directional proliferation and morphology. *Fibers and Polymers*, **2013**, 14, 698-702	2	15
112	Contributions of in-plane fabric tensile properties in woven fabric bagging behaviour using a new developed test method. *International Journal of Clothing Science and Technology*, **2004**, 16, 418-433	0.7	15
111	Characterizing Fabric Pilling Due to Fabric-to-Fabric Abrasion. *Textile Reseach Journal*, **2001**, 71, 640-644	1.7	15
110	Modeling of electrospun PVDF/LiCl nanogenerator by the energy approach method: determining piezoelectric constant. *Journal of the Textile Institute*, **2017**, 108, 1917-1925	1.5	14
109	Vibration electrospinning of Polyamide-66/Multiwall Carbon Nanotube Nanocomposite: introducing electrically conductive, ultraviolet blocking and antibacterial properties. *Polish Journal of Chemical Technology*, **2017**, 19, 56-60	1	14
108	Experimental and numerical analysis of fiber characteristics effects on fiber dispersion for wet-laid nonwoven. *Fibers and Polymers*, **2009**, 10, 231-236	2	14

107	Electrospun ZnO/Poly(Vinylidene Fluoride-Trifluoroethylene) Scaffolds for Lung Tissue Engineering. *Tissue Engineering - Part A*, **2020**, 26, 1312-1331	3.9	14
106	Ductility improvement of cementitious composites reinforced with polyvinyl alcohol-polypropylene hybrid fibers. *Journal of Industrial Textiles*, **2016**, 45, 637-651	1.6	13
105	The application of Cd Se/ZnS quantum dots and confocal laser scanning microscopy for three-dimensional imaging of nanofibrous structures. *Journal of Industrial Textiles*, **2014**, 43, 496-510	1.6	13
104	Grading of Yarn Appearance Using Image Analysis and an Artificial Intelligence Technique. *Textile Reseach Journal*, **2006**, 76, 187-196	1.7	13
103	Effect of yarn appearance on apparent quality of weft knitted fabric. *Journal of the Textile Institute*, **2005**, 96, 295-301	1.5	13
102	Feasibility of Using Vitamin E-Loaded Poly(-caprolactone)/Gelatin Nanofibrous Mat to Prevent Oxidative Stress in Skin. *Journal of Nanoscience and Nanotechnology*, **2020**, 20, 3554-3562	1.3	13
101	Experimental investigation and modelling of flexural properties of carbon textile reinforced concrete. *Construction and Building Materials*, **2020**, 262, 120877	6.7	13
100	Investigation of the mechanical and dispersible properties of wood pulp/Danufil wetlaid nonwovens with/without hydroentanglement. *Journal of the Textile Institute*, **2018**, 109, 647-655	1.5	12
99	Effect of through-the-thickness areal density and yarn fineness on the mechanical performance of three-dimensional carbon□phenolic composites. *Journal of Reinforced Plastics and Composites*, **2016**, 35, 1447-1459	2.9	12
98	Investigation on pullout behavior of different polymeric fibers from fine aggregates concrete. *Journal of Industrial Textiles*, **2016**, 45, 995-1008	1.6	12
97	Experimental verification of theoretical prediction of fiber to fiber contacts in electrospun multilayer nano-microfibrous assemblies: Effect of fiber diameter and network porosity. *Journal of Industrial Textiles*, **2014**, 43, 483-495	1.6	12
96	Relationship between the surface free energy of hardened cement paste and chemical phase composition. *Journal of Industrial and Engineering Chemistry*, **2014**, 20, 1737-1740	6.3	12
95	Evaluation of adhesion in polymeric fibre reinforced cementitious composites. *International Journal of Adhesion and Adhesives*, **2012**, 32, 53-60	3.4	12
94	Compressibility Behaviour of Warp Knitted Spacer Fabrics Based on Elastic Curved Bar Theory. *Journal of Engineered Fibers and Fabrics*, **2011**, 6, 155892501100600	0.9	12
93	Design and fabrication of a piezoelectric out-put evaluation system for sensitivity measurements of fibrous sensors and actuators. *Journal of Industrial Textiles*, **2021**, 50, 1643-1659	1.6	12
92	Electrospun metal oxide nanofibrous mat as a transparent conductive layer. *Organic Electronics*, **2019**, 70, 131-139	3.5	11
91	Effect of PA66 nanofiber yarn on tensile fracture toughness of reinforced epoxy nanocomposite. *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*, **2019**, 233, 2033-2043	1.3	11
90	Effect of nanofiber diameter and arrangement on fracture toughness of out of autoclave glass/phenolic composites - Experimental and numerical study. *Thin-Walled Structures*, **2019**, 143, 106251	4.7	11

89	Polymeric fibers pull-out behavior and microstructure as cementitious composites reinforcement. *Journal of the Textile Institute*, **2013**, 104, 1056-1064	1.5	11
88	Tunable effect of polyvinyl butyral nanofiber veil on fracture toughness of glass reinforced phenolic composites manufactured with out of autoclave method. *Polymer Testing*, **2018**, 71, 255-261	4.5	11
87	Crystal polymorphism in polydiacetylene-embedded electrospun polyvinylidene fluoride nanofibers. *Soft Matter*, **2017**, 13, 8178-8187	3.6	10
86	Evaluation of dynamic thermal behavior of fibrous layers in presence of phase change material microcapsules. *Thermochimica Acta*, **2014**, 594, 16-23	2.9	10
85	Abdominopelvic CT in a Patient With Seizure, Anemia, and Hypocalcemia. *Gastroenterology*, **2017**, 152, 27-28	13.3	10
84	A new approach to theoretical modeling of heat transfer through fibrous layers incorporated with microcapsules of phase change materials. *Thermochimica Acta*, **2015**, 604, 24-32	2.9	10
83	Fabrication and characterization of polydiacetylene supramolecules in electrospun polyvinylidene fluoride nanofibers with dual colorimetric and piezoelectric responses. *Polymer*, **2018**, 134, 211-220	3.9	10
82	Microwave absorption and photocatalytic properties of magnetic nickel nanoparticles/recycled PET nanofibers web. *Journal of the Textile Institute*, **2019**, 110, 1606-1614	1.5	9
81	Effects of volume fraction and length of carbon short fibers on flexural properties of carbon textile reinforced engineered cementitious composites (ECCs); an experimental and computational study. *Construction and Building Materials*, **2020**, 245, 118394	6.7	9
80	Fabrication of electrospun polyamide-66 nanofiber layer for high-performance nanofiltration in clean room applications. *Journal of Industrial Textiles*, **2016**, 45, 1100-1114	1.6	9
79	Analysis of twist level and take-up speed impact on the tensile properties of PVA/PA6 hybrid nanofiber yarns. *E-Polymers*, **2016**, 16, 125-135	2.7	9
78	Shadow Moir□aided 3-D reconstruction of fabric drape. *Fibers and Polymers*, **2012**, 13, 928-935	2	9
77	Three-dimensional analysis of segmented pie bicomponent nonwovens. *Journal of the Textile Institute*, **2010**, 101, 773-787	1.5	9
76	Nanofibrous and nanoparticle materials as drug-delivery systems **2017**, 239-270		8
75	TiO2 nanofiber yarns: A prospective candidate as a photocatalyst. *Journal of Industrial and Engineering Chemistry*, **2015**, 23, 182-187	6.3	8
74	Adhesion of Polypropylene Fiber to Cement Matrix. *Journal of Adhesion Science and Technology*, **2012**, 26, 1383-1393	2	8
73	A Note on the 3D Structural Design of Electrospun Nanofibers. *Journal of Engineered Fibers and Fabrics*, **2012**, 7, 155892501200700	0.9	8
72	Interactive genetic algorithm-aided generation of carpet pattern. *Journal of the Textile Institute*, **2009**, 100, 556-564	1.5	8

71	Microwave absorption characterization and wettability of magnetic nano iron oxide/recycled PET nanofibers web. *Journal of the Textile Institute*, **2019**, 110, 989-999	1.5	8
70	The outstanding effect of nanomat geometry on the interlaminar fracture toughness behavior out of autoclave made glass/phenolic composites under mode-I loading. *Engineering Fracture Mechanics* , **2019**, 205, 108-119	4.2	8
69	Response surface methodology optimization of electrospinning process parameters to fabricate aligned polyvinyl butyral nanofibers for interlaminar toughening of phenolic-based composite laminates. *Journal of Industrial Textiles*, **2020**, 49, 858-874	1.6	8
68	Interfacial bonding of fine aggregate concrete to low modulus fibers. *Construction and Building Materials*, **2015**, 95, 117-123	6.7	7
67	Inhibition of Cracks on the Surface of Cement Mortar Using Estabragh Fibers. *Advances in Materials Science and Engineering*, **2013**, 2013, 1-5	1.5	7
66	Rank ordering and image processing methods aided fabric wrinkle evaluation. *Fibers and Polymers*, **2011**, 12, 830-835	2	7
65	Definition of structural features of nano coated webs by image processing methods. *International Journal of Nanotechnology*, **2009**, 6, 1131	1.5	7
64	Effect of Geometrical Parameters on Piezoresponse of Nanofibrous Wearable Piezoelectric Nanofabrics Under Low Impact Pressure. *Macromolecular Materials and Engineering*, **2021**, 306, 2000510	3.9	7
63	PMMA/PS coaxial electrospinning: core□shell fiber morphology as a function of material parameters. *Materials Research Express*, **2017**, 4, 035304	1.7	6
62	Wearable Technologies in Sportswear **2019**, 123-160		6
61	Tuning energy harvesting devices with different layout angles to robust the mechanical-to-electrical energy conversion performance. *Journal of Industrial Textiles*, **2020**, 152808372092882	1.6	6
60	Application of modified carpet waste cuttings for production of eco-efficient lightweight concrete. *Construction and Building Materials*, **2019**, 198, 629-637	6.7	6
59	PMMA/PS coaxial electrospinning: a statistical analysis on processing parameters. *Materials Research Express*, **2017**, 4, 085024	1.7	5
58	Formability analysis of worsted woven fabrics considering fabric direction. *Fibers and Polymers*, **2013**, 14, 1933-1942	2	5
57	Surface Roughness Assessment of Woven Fabrics Using Fringe Projection Moir□Techniques. *Fibres and Textiles in Eastern Europe*, **2015**, 23, 76-84	0.9	5
56	Potential core-shell designed scaffolds with a gelatin-based shell in achieving controllable release rates of proteins for tissue engineering approaches. *Journal of Biomedical Materials Research - Part A*, **2019**, 107, 1393-1405	5.4	5
55	Predictive model for the frictional characteristics of woven fabrics optimized by the genetic algorithm. *Journal of the Textile Institute*, **2018**, 109, 1083-1090	1.5	5
54	Evaluation resistance levels of the PCL/Gt nanofiber mats during exposure to PAHs for use in the occupational setting. *SN Applied Sciences*, **2019**, 1, 1	1.8	4

53	Study of the microstructure and flexural behavior of cementitious composites reinforced by surface modified carbon textiles. *Construction and Building Materials*, **2018**, 158, 243-256	6.7	4
52	Strength properties of fine aggregate concretes reinforced by polyamide fibers. *Journal of Industrial Textiles*, **2016**, 46, 684-697	1.6	4
51	Polymeric fibre adhesion to the cementitious matrix related to the fibres type, water to cement ratio and curing time. *International Journal of Adhesion and Adhesives*, **2012**, 35, 102-107	3.4	4
50	Simulation of ballistic impact on fabric armour using finite-element method. *Journal of the Textile Institute*, **2009**, 100, 314-318	1.5	4
49	Nondestructive Identification of Knot Types in Hand-Made Carpet. Part I: Feature Extraction from Grey Images. *Journal of Nondestructive Evaluation*, **2009**, 28, 55-62	2.1	4
48	Effect of fiber geometry and tenacity on the mechanical properties of fine aggregates concrete. *Journal of Industrial Textiles*, **2016**, 45, 1083-1099	1.6	4
47	Experimental and theoretical investigation of hollow polyester fibers effect on impact behavior of composites. *Journal of Industrial Textiles*, **2018**, 47, 1528-1542	1.6	3
46	Prediction of tension seam pucker formation by finite-element model. *International Journal of Clothing Science and Technology*, **2012**, 24, 129-140	0.7	3
45	Effect of Cross Sectional Shape of Polypropylene Fibers on Flexural Toughness of Composites and Fiber-to-Cement Matrix Adhesion. *Advanced Materials Research*, **2013**, 687, 485-489	0.5	3
44	A Study on Electrospun Nanofibrous Mats for Local Antibiotic Delivery. *Advanced Materials Research*, **2013**, 829, 510-514	0.5	3
43	Seam pucker rating by deconvolution residual method. *International Journal of Clothing Science and Technology*, **2013**, 25, 150-170	0.7	3
42	A note on neurofractal-based defect recognition and classification in nonwoven web images. *Journal of the Textile Institute*, **2010**, 101, 46-51	1.5	3
41	Rotational electromagnetic-field-aided false twisting of metallic filaments. *Journal of the Textile Institute*, **2010**, 101, 514-519	1.5	3
40	Performance of fibers embedded in a cementitious matrix. *Journal of Applied Polymer Science*, **2009** , 116, NA-NA	2.9	3
39	Analysis and Simulation of Fiber Dispersion in Water Using a Theoretical Analogous Model. *Journal of Dispersion Science and Technology*, **2011**, 32, 352-358	1.5	3
38	Interlacing metallic filaments by rotational permanent magnetic field. *Fibers and Polymers*, **2008**, 9, 583-587	1.5	3
37	The effect of polyester fibres on quality of hand-knotted carpets. *Journal of the Textile Institute*, **2005**, 96, 1-9	1.5	3
36	Prediction of Yarn Cross-Sectional Color from Longitudinal Color by Neural Network. *Research Journal of Textile and Apparel*, **2006**, 10, 25-35	1.1	3

35	Development of Appearance Grading Method of Cotton Yarns for Various Types of Yarns. *Research Journal of Textile and Apparel*, **2005**, 9, 86-93	1.1	3
34	The Effect of Fabric Structure and Strain Percentage on the Tensile Stress Relaxation of Rib Weft Knitted Fabrics. *Fibers and Polymers*, **2020**, 21, 921-929	2	3
33	Simulation of conductivity made by inkjet-printed silver tracks in E-textiles with different weave patterns. *Journal of Industrial Textiles*, **2017**, 47, 173-196	1.6	2
32	Interactions between PA6 Ratio and Tensile Properties in PVA/PA6 Hybrid Nanofiber Yarns. *Nano Hybrids and Composites*, **2017**, 14, 25-37	0.7	2
31	Effects of a Nano-Interleave on the Interlaminar Fracture Toughness for Autoclave and Out-of-Autoclave Processed Glass/Phenolic Composites. *International Journal of Applied Mechanics*, **2019**, 11, 1950047	2.4	2
30	Assessment of Single-Layer and Three-Layer Reusable Surgical Gowns Performance in Terms of Bacterial Penetration in Wet State. *Fibers and Polymers*, **2019**, 20, 555-561	2	2
29	Expected lifetime of fibrous nanogenerator exposed to cyclic compressive pressure. *Journal of Industrial Textiles*, **2020**, 152808372091583	1.6	2
28	Align and random electrospun mat of PEDOT:PSS and PEDOT:PSS/RGO **2018**,		2
27	Modifying mechanical properties of carbon textiles reinforced epoxy composite using multi-wall carbon nanotubes (MWCNT). *Journal of the Textile Institute*, **2018**, 109, 1076-1082	1.5	2
26	Investigating the relation of fabric□ buckling behaviour and tension seam pucker formation. *Journal of the Textile Institute*, **2019**, 110, 562-574	1.5	2
25	Analysis of Frictional Behavior of Woven Fabrics by a Multi-directional Tactile Sensing Mechanism. *Journal of Engineered Fibers and Fabrics*, **2015**, 10, 155892501501000	0.9	2
24	Performance of Low Modulus Fibers in Engineered Cementitious Composites (ECCs): Flexural Strength and Pull out Resistance. *Advanced Materials Research*, **2013**, 687, 495-501	0.5	2
23	Improvement of Impact Damage Resistance of Epoxy-Matrix Composites Using Ductile Hollow Fibers. *Journal of Engineered Fibers and Fabrics*, **2013**, 8, 155892501300800	0.9	2
22	Cementitious Composites Reinforced with Polypropylene, Nylon and Polyacrylonitile Fibres. *Materials Science Forum*, **2012**, 730-732, 271-276	0.4	2
21	Analysis of Compressibility Behavior in Warp Knitted Spacer Fabrics: Experiments and Van Wyk Theory. *Journal of Engineered Fibers and Fabrics*, **2013**, 8, 155892501300800	0.9	2
20	Effects of Hybridization of Carbon and Polypropylene Short Fibers as Reinforcement on Flexural Properties of Fine Aggregate Concretes. *Civil Engineering Journal (Iran)*, **2016**, 2, 520-528	5.2	2
19	Enhancing □crystal phase content in electrospun PVDF nanofibers		2
18	Effect of stimuli-responsive polydiacetylene on the crystallization and mechanical properties of PVDF nanofibers. *Polymer Bulletin*, **2020**, 77, 5373-5388	2.4	2

17	Prototyping and analyzing physical properties of Weft knitted spacer fabrics as a substitute for wound dressings. *Journal of the Textile Institute*, **2019**, 110, 1246-1256	1.5	1
16	Evaluating silver tracks conductivity on flexible surfaces. *Journal of Industrial Textiles*, **2016**, 46, 530-548	1.6	1
15	Electro-conductive textile yarns **2010**, 298-328		1
14	A theoretical analysis for fiber contacts in multilayer nanofibrous assemblies. *Textile Reseach Journal*, **2012**, 004051751245676	1.7	1
13	Detecting Defects in Weft-knitted Fabrics Using Texture-Recognition Methods. *Research Journal of Textile and Apparel*, **2004**, 8, 12-20	1.1	1
12	Hybrid multilayered piezoelectric energy harvesters with non-piezoelectric layers. *Journal of Materials Science: Materials in Electronics*, **2022**, 33, 1783	2.1	1
11	Investigation of worsted woven fabric static friction coefficient considering fabric direction. *Journal of the Textile Institute*, **2020**, 111, 164-171	1.5	1
10	Analysis of longitudinal and innovative transversal 3D printed lattice tubular braid textures subjected to internal compression as reinforcement. *Journal of Industrial Textiles*, **2020**, 152808372091221	1.6	1
9	Polymer Halide Perovskites-Waveguides Integrated in Nanocellulose as a Wearable Amplifier-Photodetector System **2018**,		1
8	Objective and subjective evaluation of various aspects of hand performance considering protective gloves constructional parameters. *Journal of Industrial Textiles*,152808372210801	1.6	1
7	Characterization of photocatalytic composite nanofiber yarns with respect to their tensile properties. *Journal of Industrial Textiles*, **2018**, 47, 921-937	1.6	0
6	Characterizing cotton yarn appearance due to yarn-to-yarn abrasion by image processing. *Journal of the Textile Institute*, **2014**, 105, 477-482	1.5	0
5	Elastic behavior of composites reinforced by 3D printed tubular lattice braid textures. *Rapid Prototyping Journal*, **2020**, 26, 1277-1288	3.8	0
4	Photo and Bio Activities of Magnetic Electrospun Recycled Polyester Mat. *Journal of Polymers and the Environment*, **2020**, 28, 3235-3243	4.5	0
3	Investigation of Microclimate Ventilation of Simulated Garment in Terms of Wind Speed and Air Gap Thickness. *Fibers and Polymers*, **2021**, 22, 2063-2069	2	0
2	Determining Formability Function of Worsted Woven Fabrics in Terms of Fabric Direction. *Journal of Engineered Fibers and Fabrics*, **2015**, 10, 155892501501000	0.9	
1	Characterization of the effect of fabric structure on the optical properties of woven fabrics. *Research Journal of Textile and Apparel*, **2019**, 23, 58-70	1.1	