

# Masoud Latifi

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2409271/masoud-latifi-publications-by-year.pdf>

**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 multilayered piezoelectric energy harvesters with non-piezoelectric layers. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2022</b> , 33, 1783	2.1	1
159	Investigation of Microclimate Ventilation of Simulated Garment in Terms of Wind Speed and Air Gap Thickness. <i>Fibers and Polymers</i> , <b>2021</b> , 22, 2063-2069	2	0
158	Effect of Geometrical Parameters on Piezoresponse of Nanofibrous Wearable Piezoelectric Nanofabrics Under Low Impact Pressure. <i>Macromolecular Materials and Engineering</i> , <b>2021</b> , 306, 2000510	3.9	7
157	Design and fabrication of a piezoelectric out-put evaluation system for sensitivity measurements of fibrous sensors and actuators. <i>Journal of Industrial Textiles</i> , <b>2021</b> , 50, 1643-1659	1.6	12
156	Ligand & band gap engineering: tailoring the protocol synthesis for achieving high-quality CsPbI quantum dots. <i>Nanoscale</i> , <b>2020</b> , 12, 14194-14203	7.7	23
155	Tuning energy harvesting devices with different layout angles to robust the mechanical-to-electrical energy conversion performance. <i>Journal of Industrial Textiles</i> , <b>2020</b> , 152808372091583	1.6	2
154	Enhancement of Phase Crystalline Structure and Piezoelectric Properties of Flexible PVDF/Ionic Liquid Surfactant Composite Nanofibers for Potential Application in Sensing and Self-Powering. <i>Macromolecular Materials and Engineering</i> , <b>2020</b> , 305, 1900796	3.9	17
153	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. <i>Construction and Building Materials</i> , <b>2020</b> , 245, 118394	6.7	9
152	Expected lifetime of fibrous nanogenerator exposed to cyclic compressive pressure. <i>Journal of Industrial Textiles</i> , <b>2020</b> , 152808372091583	1.6	2
151	PEG-PLA-PCL based electrospun yarns with curcumin control release property as suture. <i>Polymer Engineering and Science</i> , <b>2020</b> , 60, 1520-1529	2.3	20
150	Feasibility of Using Vitamin E-Loaded Poly(-caprolactone)/Gelatin Nanofibrous Mat to Prevent Oxidative Stress in Skin. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2020</b> , 20, 3554-3562	1.3	13
149	Effect of stimuli-responsive polydiacetylene on the crystallization and mechanical properties of PVDF nanofibers. <i>Polymer Bulletin</i> , <b>2020</b> , 77, 5373-5388	2.4	2
148	Nanofibers-Based Piezoelectric Energy Harvester for Self-Powered Wearable Technologies. <i>Polymers</i> , <b>2020</b> , 12,	4.5	18
147	Elastic behavior of composites reinforced by 3D printed tubular lattice braid textures. <i>Rapid Prototyping Journal</i> , <b>2020</b> , 26, 1277-1288	3.8	0
146	Photo and Bio Activities of Magnetic Electrospun Recycled Polyester Mat. <i>Journal of Polymers and the Environment</i> , <b>2020</b> , 28, 3235-3243	4.5	0
145	Experimental investigation and modelling of flexural properties of carbon textile reinforced concrete. <i>Construction and Building Materials</i> , <b>2020</b> , 262, 120877	6.7	13
144	Electrospun ZnO/Poly(Vinylidene Fluoride-Trifluoroethylene) Scaffolds for Lung Tissue Engineering. <i>Tissue Engineering - Part A</i> , <b>2020</b> , 26, 1312-1331	3.9	14

143	Response surface methodology optimization of electrospinning process parameters to fabricate aligned polyvinyl butyral nanofibers for interlaminar toughening of phenolic-based composite laminates. <i>Journal of Industrial Textiles</i> , <b>2020</b> , 49, 858-874	1.6	8
142	Investigation of worsted woven fabric's static friction coefficient considering fabric direction. <i>Journal of the Textile Institute</i> , <b>2020</b> , 111, 164-171	1.5	1
141	The Effect of Fabric Structure and Strain Percentage on the Tensile Stress Relaxation of Rib Weft Knitted Fabrics. <i>Fibers and Polymers</i> , <b>2020</b> , 21, 921-929	2	3
140	Analysis of longitudinal and innovative transversal 3D printed lattice tubular braid textures subjected to internal compression as reinforcement. <i>Journal of Industrial Textiles</i> , <b>2020</b> , 152808372091221	1.6	1
139	Evaluation resistance levels of the PCL/Gt nanofiber mats during exposure to PAHs for use in the occupational setting. <i>SN Applied Sciences</i> , <b>2019</b> , 1, 1	1.8	4
138	Effects of a Nano-Interleave on the Interlaminar Fracture Toughness for Autoclave and Out-of-Autoclave Processed Glass/Phenolic Composites. <i>International Journal of Applied Mechanics</i> , <b>2019</b> , 11, 1950047	2.4	2
137	Prototyping and analyzing physical properties of Weft knitted spacer fabrics as a substitute for wound dressings. <i>Journal of the Textile Institute</i> , <b>2019</b> , 110, 1246-1256	1.5	1
136	Wearable Technologies in Sportswear <b>2019</b> , 123-160		6
135	Microwave absorption and photocatalytic properties of magnetic nickel nanoparticles/recycled PET nanofibers web. <i>Journal of the Textile Institute</i> , <b>2019</b> , 110, 1606-1614	1.5	9
134	Assessment of Single-Layer and Three-Layer Reusable Surgical Gowns Performance in Terms of Bacterial Penetration in Wet State. <i>Fibers and Polymers</i> , <b>2019</b> , 20, 555-561	2	2
133	Highly porous TiO <sub>2</sub> nanofibers by humid-electrospinning with enhanced photocatalytic properties. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 790, 257-265	5.7	42
132	Flexible hybrid structure piezoelectric nanogenerator based on ZnO nanorod/PVDF nanofibers with improved output.. <i>RSC Advances</i> , <b>2019</b> , 9, 10117-10123	3.7	45
131	Electrospun metal oxide nanofibrous mat as a transparent conductive layer. <i>Organic Electronics</i> , <b>2019</b> , 70, 131-139	3.5	11
130	Effect of PA66 nanofiber yarn on tensile fracture toughness of reinforced epoxy nanocomposite. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , <b>2019</b> , 233, 2033-2043	1.3	11
129	Investigating the relation of fabric's buckling behaviour and tension seam pucker formation. <i>Journal of the Textile Institute</i> , <b>2019</b> , 110, 562-574	1.5	2
128	Effect of nanofiber diameter and arrangement on fracture toughness of out of autoclave glass/phenolic composites - Experimental and numerical study. <i>Thin-Walled Structures</i> , <b>2019</b> , 143, 106251	4.7	11
127	Potential core-shell designed scaffolds with a gelatin-based shell in achieving controllable release rates of proteins for tissue engineering approaches. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2019</b> , 107, 1393-1405	5.4	5
126	Characterization of the effect of fabric structure on the optical properties of woven fabrics. <i>Research Journal of Textile and Apparel</i> , <b>2019</b> , 23, 58-70	1.1	

125	Microwave absorption characterization and wettability of magnetic nano iron oxide/recycled PET nanofibers web. <i>Journal of the Textile Institute</i> , <b>2019</b> , 110, 989-999	1.5	8
124	The outstanding effect of nanomat geometry on the interlaminar fracture toughness behavior out of autoclave made glass/phenolic composites under mode-I loading. <i>Engineering Fracture Mechanics</i> , <b>2019</b> , 205, 108-119	4.2	8
123	Application of modified carpet waste cuttings for production of eco-efficient lightweight concrete. <i>Construction and Building Materials</i> , <b>2019</b> , 198, 629-637	6.7	6
122	Align and random electrospun mat of PEDOT:PSS and PEDOT:PSS/RGO <b>2018</b> ,		2
121	Integrated Optical Amplifier Photodetector on a Wearable Nanocellulose Substrate. <i>Advanced Optical Materials</i> , <b>2018</b> , 6, 1800201	8.1	16
120	The experimental and numerical study on the effect of PVB nanofiber mat thickness on interlaminar fracture toughness of glass/phenolic composites. <i>Engineering Fracture Mechanics</i> , <b>2018</b> , 194, 145-153	4.2	20
119	The effect of hydrophilic (polyvinyl alcohol) fiber content on the flexural behavior of engineered cementitious composites (ECC). <i>Journal of the Textile Institute</i> , <b>2018</b> , 109, 79-84	1.5	20
118	Experimental and theoretical investigation of hollow polyester fibers effect on impact behavior of composites. <i>Journal of Industrial Textiles</i> , <b>2018</b> , 47, 1528-1542	1.6	3
117	Characterization of photocatalytic composite nanofiber yarns with respect to their tensile properties. <i>Journal of Industrial Textiles</i> , <b>2018</b> , 47, 921-937	1.6	0
116	Study of the microstructure and flexural behavior of cementitious composites reinforced by surface modified carbon textiles. <i>Construction and Building Materials</i> , <b>2018</b> , 158, 243-256	6.7	4
115	Investigation of the mechanical and dispersible properties of wood pulp/Danufil wetlaid nonwovens with/without hydroentanglement. <i>Journal of the Textile Institute</i> , <b>2018</b> , 109, 647-655	1.5	12
114	Modifying mechanical properties of carbon textiles reinforced epoxy composite using multi-wall carbon nanotubes (MWCNT). <i>Journal of the Textile Institute</i> , <b>2018</b> , 109, 1076-1082	1.5	2
113	Fabrication and characterization of polydiacetylene supramolecules in electrospun polyvinylidene fluoride nanofibers with dual colorimetric and piezoelectric responses. <i>Polymer</i> , <b>2018</b> , 134, 211-220	3.9	10
112	Predictive model for the frictional characteristics of woven fabrics optimized by the genetic algorithm. <i>Journal of the Textile Institute</i> , <b>2018</b> , 109, 1083-1090	1.5	5
111	Polymer Halide Perovskites-Waveguides Integrated in Nanocellulose as a Wearable Amplifier-Photodetector System <b>2018</b> ,		1
110	Tunable effect of polyvinyl butyral nanofiber veil on fracture toughness of glass reinforced phenolic composites manufactured with out of autoclave method. <i>Polymer Testing</i> , <b>2018</b> , 71, 255-261	4.5	11
109	Simulation of conductivity made by inkjet-printed silver tracks in E-textiles with different weave patterns. <i>Journal of Industrial Textiles</i> , <b>2017</b> , 47, 173-196	1.6	2
108	Overview of wearable electronics and smart textiles. <i>Journal of the Textile Institute</i> , <b>2017</b> , 108, 631-652	1.5	86

107	Piezoelectric electrospun nanofibrous energy harvesting devices: Influence of the electrodes position and finite variation of dimensions. <i>Journal of Industrial Textiles</i> , <b>2017</b> , 47, 348-362	1.6	21
106	Nanofiber alignment tuning: An engineering design tool in fabricating wearable power harvesting devices. <i>Journal of Industrial Textiles</i> , <b>2017</b> , 47, 535-550	1.6	23
105	Modeling of electrospun PVDF/LiCl nanogenerator by the energy approach method: determining piezoelectric constant. <i>Journal of the Textile Institute</i> , <b>2017</b> , 108, 1917-1925	1.5	14
104	Nanofibrous and nanoparticle materials as drug-delivery systems <b>2017</b> , 239-270		8
103	PMMA/PS coaxial electrospinning: core-shell fiber morphology as a function of material parameters. <i>Materials Research Express</i> , <b>2017</b> , 4, 035304	1.7	6
102	Hybrid short fiber reinforcement system in concrete: A review. <i>Construction and Building Materials</i> , <b>2017</b> , 142, 280-294	6.7	140
101	Interactions between PA6 Ratio and Tensile Properties in PVA/PA6 Hybrid Nanofiber Yarns. <i>Nano Hybrids and Composites</i> , <b>2017</b> , 14, 25-37	0.7	2
100	Vibration electrospinning of Polyamide-66/Multiwall Carbon Nanotube Nanocomposite: introducing electrically conductive, ultraviolet blocking and antibacterial properties. <i>Polish Journal of Chemical Technology</i> , <b>2017</b> , 19, 56-60	1	14
99	Crystal polymorphism in polydiacetylene-embedded electrospun polyvinylidene fluoride nanofibers. <i>Soft Matter</i> , <b>2017</b> , 13, 8178-8187	3.6	10
98	PMMA/PS coaxial electrospinning: a statistical analysis on processing parameters. <i>Materials Research Express</i> , <b>2017</b> , 4, 085024	1.7	5
97	How fracture toughness of epoxy-based nanocomposite is affected by PA66 electrospun nanofiber yarn. <i>Engineering Fracture Mechanics</i> , <b>2017</b> , 182, 62-73	4.2	29
96	Comparative evaluation of piezoelectric response of electrospun PVDF (polyvinylidene fluoride) nanofiber with various additives for energy scavenging application. <i>Journal of the Textile Institute</i> , <b>2017</b> , 108, 906-914	1.5	30
95	Abdominopelvic CT in a Patient With Seizure, Anemia, and Hypocalcemia. <i>Gastroenterology</i> , <b>2017</b> , 152, 27-28	13.3	10
94	Effect of through-the-thickness areal density and yarn fineness on the mechanical performance of three-dimensional carbon/phenolic composites. <i>Journal of Reinforced Plastics and Composites</i> , <b>2016</b> , 35, 1447-1459	2.9	12
93	Investigation on pullout behavior of different polymeric fibers from fine aggregates concrete. <i>Journal of Industrial Textiles</i> , <b>2016</b> , 45, 995-1008	1.6	12
92	Fabrication of electrospun polyamide-66 nanofiber layer for high-performance nanofiltration in clean room applications. <i>Journal of Industrial Textiles</i> , <b>2016</b> , 45, 1100-1114	1.6	9
91	Evaluating silver tracks conductivity on flexible surfaces. <i>Journal of Industrial Textiles</i> , <b>2016</b> , 46, 530-548	1.6	1
90	Strength properties of fine aggregate concretes reinforced by polyamide fibers. <i>Journal of Industrial Textiles</i> , <b>2016</b> , 46, 684-697	1.6	4

89	Ductility improvement of cementitious composites reinforced with polyvinyl alcohol-polypropylene hybrid fibers. <i>Journal of Industrial Textiles</i> , <b>2016</b> , 45, 637-651	1.6	13
88	Analysis of twist level and take-up speed impact on the tensile properties of PVA/PA6 hybrid nanofiber yarns. <i>E-Polymers</i> , <b>2016</b> , 16, 125-135	2.7	9
87	Study on fiber hybridization effect of engineered cementitious composites with low- and high-modulus polymeric fibers. <i>Construction and Building Materials</i> , <b>2016</b> , 112, 739-746	6.7	42
86	The effect of hybridization and geometry of polypropylene fibers on engineered cementitious composites reinforced by polyvinyl alcohol fibers. <i>Journal of Composite Materials</i> , <b>2016</b> , 50, 1007-1020	2.7	20
85	Effects of Hybridization of Carbon and Polypropylene Short Fibers as Reinforcement on Flexural Properties of Fine Aggregate Concretes. <i>Civil Engineering Journal (Iran)</i> , <b>2016</b> , 2, 520-528	5.2	2
84	Synthesis of mesoporous functional hematite nanofibrous photoanodes by electrospinning. <i>Polymers for Advanced Technologies</i> , <b>2016</b> , 27, 358-365	3.2	21
83	Effect of fiber geometry and tenacity on the mechanical properties of fine aggregates concrete. <i>Journal of Industrial Textiles</i> , <b>2016</b> , 45, 1083-1099	1.6	4
82	Optimization of electrospinning parameters for polyacrylonitrile-MgO nanofibers applied in air filtration. <i>Journal of the Air and Waste Management Association</i> , <b>2016</b> , 66, 912-21	2.4	45
81	Advances in electrospinning: The production and application of nanofibres and nanofibrous structures. <i>Textile Progress</i> , <b>2016</b> , 48, 119-219	2.9	23
80	Investigation of phase formation in piezoelectric response of electrospun polyvinylidene fluoride nanofibers: LiCl additive and increasing fibers tension. <i>Polymer Engineering and Science</i> , <b>2016</b> , 56, 61-70	2.3	41
79	Interfacial bonding of fine aggregate concrete to low modulus fibers. <i>Construction and Building Materials</i> , <b>2015</b> , 95, 117-123	6.7	7
78	Fabrication of composite PVDF-ZnO nanofiber mats by electrospinning for energy scavenging application with enhanced efficiency. <i>Journal of Polymer Research</i> , <b>2015</b> , 22, 1	2.7	118
77	Multi-layer electrospun nanofiber mats with chemical agent sensor function. <i>Journal of Industrial Textiles</i> , <b>2015</b> , 45, 467-480	1.6	16
76	Electrospinning/electrospray of polyvinylidene fluoride (PVDF): piezoelectric nanofibers. <i>Journal of the Textile Institute</i> , <b>2015</b> , 1-19	1.5	24
75	TiO <sub>2</sub> nanofiber yarns: A prospective candidate as a photocatalyst. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2015</b> , 23, 182-187	6.3	8
74	Determining Formability Function of Worsted Woven Fabrics in Terms of Fabric Direction. <i>Journal of Engineered Fibers and Fabrics</i> , <b>2015</b> , 10, 155892501501000	0.9	
73	Analysis of Frictional Behavior of Woven Fabrics by a Multi-directional Tactile Sensing Mechanism. <i>Journal of Engineered Fibers and Fabrics</i> , <b>2015</b> , 10, 155892501501000	0.9	2
72	A new approach to theoretical modeling of heat transfer through fibrous layers incorporated with microcapsules of phase change materials. <i>Thermochimica Acta</i> , <b>2015</b> , 604, 24-32	2.9	10



71	Surface Roughness Assessment of Woven Fabrics Using Fringe Projection Moiré Techniques. <i>Fibres and Textiles in Eastern Europe</i> , <b>2015</b> , 23, 76-84	0.9	5
70	Experimental verification of theoretical prediction of fiber to fiber contacts in electrospun multilayer nano-microfibrous assemblies: Effect of fiber diameter and network porosity. <i>Journal of Industrial Textiles</i> , <b>2014</b> , 43, 483-495	1.6	12
69	Innovative method for electrospinning of continuous TiO <sub>2</sub> nanofiber yarns: Importance of auxiliary polymer and solvent selection. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2014</b> , 20, 1886-1891	6.3	20
68	Drug release profile in core-shell nanofibrous structures: a study on Peppas equation and artificial neural network modeling. <i>Computer Methods and Programs in Biomedicine</i> , <b>2014</b> , 113, 92-100	6.9	37
67	The application of Cd Se/ZnS quantum dots and confocal laser scanning microscopy for three-dimensional imaging of nanofibrous structures. <i>Journal of Industrial Textiles</i> , <b>2014</b> , 43, 496-510	1.6	13
66	Evaluation of dynamic thermal behavior of fibrous layers in presence of phase change material microcapsules. <i>Thermochimica Acta</i> , <b>2014</b> , 594, 16-23	2.9	10
65	Piezoelectric electrospun nanofibrous materials for self-powering wearable electronic textiles applications. <i>Journal of Polymer Research</i> , <b>2014</b> , 21, 1	2.7	64
64	Electrospinning of chitosan/sericin/PVA nanofibers incorporated with in situ synthesis of nano silver. <i>Carbohydrate Polymers</i> , <b>2014</b> , 113, 231-9	10.3	95
63	Relationship between the surface free energy of hardened cement paste and chemical phase composition. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2014</b> , 20, 1737-1740	6.3	12
62	Promotion of spinal cord axon regeneration by 3D nanofibrous core-sheath scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2014</b> , 102, 506-13	5.4	54
61	Characterizing cotton yarn appearance due to yarn-to-yarn abrasion by image processing. <i>Journal of the Textile Institute</i> , <b>2014</b> , 105, 477-482	1.5	0
60	Electrical power generation from piezoelectric electrospun nanofibers membranes: electrospinning parameters optimization and effect of membranes thickness on output electrical voltage. <i>Journal of Polymer Research</i> , <b>2014</b> , 21, 1	2.7	47
59	Application of low modulus polymeric fibers in engineered cementitious composites. <i>Journal of Industrial Textiles</i> , <b>2014</b> , 43, 511-524	1.6	23
58	Three-dimensional pore structure analysis of polycaprolactone nano-microfibrous scaffolds using theoretical and experimental approaches. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2014</b> , 102, 903-10	5.4	32
57	A theoretical analysis and prediction of pore size and pore size distribution in electrospun multilayer nanofibrous materials. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2013</b> , 101, 2107-17	5.4	46
56	The influence of surface nanoroughness of electrospun PLGA nanofibrous scaffold on nerve cell adhesion and proliferation. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2013</b> , 24, 1551-60	4.5	89
55	Effects of PLGA nanofibrous scaffolds structure on nerve cell directional proliferation and morphology. <i>Fibers and Polymers</i> , <b>2013</b> , 14, 698-702	2	15
54	Polymeric fibers pull-out behavior and microstructure as cementitious composites reinforcement. <i>Journal of the Textile Institute</i> , <b>2013</b> , 104, 1056-1064	1.5	11

53	Electrospun core-shell nanofibers for drug encapsulation and sustained release. <i>Polymer Engineering and Science</i> , <b>2013</b> , 53, 1770-1779	2.3	57
52	Synthesis of nano copper/nylon composite using ascorbic acid and CTAB. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2013</b> , 439, 167-175	5.1	70
51	Formability analysis of worsted woven fabrics considering fabric direction. <i>Fibers and Polymers</i> , <b>2013</b> , 14, 1933-1942	2	5
50	Three-dimensional pore structure analysis of nano/microfibrous scaffolds using confocal laser scanning microscopy. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2013</b> , 101, 765-74	5.4	41
49	Effect of Cross Sectional Shape of Polypropylene Fibers on Flexural Toughness of Composites and Fiber-to-Cement Matrix Adhesion. <i>Advanced Materials Research</i> , <b>2013</b> , 687, 485-489	0.5	3
48	Performance of Low Modulus Fibers in Engineered Cementitious Composites (ECCs): Flexural Strength and Pull out Resistance. <i>Advanced Materials Research</i> , <b>2013</b> , 687, 495-501	0.5	2
47	Inhibition of Cracks on the Surface of Cement Mortar Using Estabragh Fibers. <i>Advances in Materials Science and Engineering</i> , <b>2013</b> , 2013, 1-5	1.5	7
46	A Study on Electrospun Nanofibrous Mats for Local Antibiotic Delivery. <i>Advanced Materials Research</i> , <b>2013</b> , 829, 510-514	0.5	3
45	Seam pucker rating by deconvolution residual method. <i>International Journal of Clothing Science and Technology</i> , <b>2013</b> , 25, 150-170	0.7	3
44	Improvement of Impact Damage Resistance of Epoxy-Matrix Composites Using Ductile Hollow Fibers. <i>Journal of Engineered Fibers and Fabrics</i> , <b>2013</b> , 8, 155892501300800	0.9	2
43	Analysis of Compressibility Behavior in Warp Knitted Spacer Fabrics: Experiments and Van Wyk Theory. <i>Journal of Engineered Fibers and Fabrics</i> , <b>2013</b> , 8, 155892501300800	0.9	2
42	Prediction of tension seam pucker formation by finite-element model. <i>International Journal of Clothing Science and Technology</i> , <b>2012</b> , 24, 129-140	0.7	3
41	Transport properties of multi-layer fabric based on electrospun nanofiber mats as a breathable barrier textile material. <i>Textile Research Journal</i> , <b>2012</b> , 82, 70-76	1.7	89
40	Adhesion of Polypropylene Fiber to Cement Matrix. <i>Journal of Adhesion Science and Technology</i> , <b>2012</b> , 26, 1383-1393	2	8
39	Shadow Moiré aided 3-D reconstruction of fabric drape. <i>Fibers and Polymers</i> , <b>2012</b> , 13, 928-935	2	9
38	An Investigation on Adding Polypropylene Fibers to Reinforce Lightweight Cement Composites (LWC). <i>Journal of Engineered Fibers and Fabrics</i> , <b>2012</b> , 7, 155892501200700	0.9	20
37	A Note on the 3D Structural Design of Electrospun Nanofibers. <i>Journal of Engineered Fibers and Fabrics</i> , <b>2012</b> , 7, 155892501200700	0.9	8
36	Evolution of moisture management behavior of high-wicking 3D warp knitted spacer fabrics. <i>Fibers and Polymers</i> , <b>2012</b> , 13, 529-534	2	50



35	Evaluation of adhesion in polymeric fibre reinforced cementitious composites. <i>International Journal of Adhesion and Adhesives</i> , <b>2012</b> , 32, 53-60	3.4	12
34	Polymeric fibre adhesion to the cementitious matrix related to the fibres type, water to cement ratio and curing time. <i>International Journal of Adhesion and Adhesives</i> , <b>2012</b> , 35, 102-107	3.4	4
33	Utilizing polypropylene fibers to improve physical and mechanical properties of concrete. <i>Textile Reseach Journal</i> , <b>2012</b> , 82, 88-96	1.7	41
32	A theoretical analysis for fiber contacts in multilayer nanofibrous assemblies. <i>Textile Reseach Journal</i> , <b>2012</b> , 004051751245676	1.7	1
31	Investigation on polymeric fibers as reinforcement in cementitious composites: Flexural performance. <i>Journal of Industrial Textiles</i> , <b>2012</b> , 42, 3-18	1.6	26
30	Cementitious Composites Reinforced with Polypropylene, Nylon and Polyacrylonitile Fibres. <i>Materials Science Forum</i> , <b>2012</b> , 730-732, 271-276	0.4	2
29	Compressibility Behaviour of Warp Knitted Spacer Fabrics Based on Elastic Curved Bar Theory. <i>Journal of Engineered Fibers and Fabrics</i> , <b>2011</b> , 6, 155892501100600	0.9	12
28	Rank ordering and image processing methods aided fabric wrinkle evaluation. <i>Fibers and Polymers</i> , <b>2011</b> , 12, 830-835	2	7
27	Producing continuous twisted yarn from well-aligned nanofibers by water vortex. <i>Polymer Engineering and Science</i> , <b>2011</b> , 51, 323-329	2.3	65
26	Analysis and Simulation of Fiber Dispersion in Water Using a Theoretical Analogous Model. <i>Journal of Dispersion Science and Technology</i> , <b>2011</b> , 32, 352-358	1.5	3
25	A note on neurofractal-based defect recognition and classification in nonwoven web images. <i>Journal of the Textile Institute</i> , <b>2010</b> , 101, 46-51	1.5	3
24	Electro-conductive textile yarns <b>2010</b> , 298-328		1
23	Rotational electromagnetic-field-aided false twisting of metallic filaments. <i>Journal of the Textile Institute</i> , <b>2010</b> , 101, 514-519	1.5	3
22	Three-dimensional analysis of segmented pie bicomponent nonwovens. <i>Journal of the Textile Institute</i> , <b>2010</b> , 101, 773-787	1.5	9
21	Simulation of ballistic impact on fabric armour using finite-element method. <i>Journal of the Textile Institute</i> , <b>2009</b> , 100, 314-318	1.5	4
20	Performance of fibers embedded in a cementitious matrix. <i>Journal of Applied Polymer Science</i> , <b>2009</b> , 116, NA-NA	2.9	3
19	Nondestructive Identification of Knot Types in Hand-Made Carpet. Part I: Feature Extraction from Grey Images. <i>Journal of Nondestructive Evaluation</i> , <b>2009</b> , 28, 55-62	2.1	4
18	Experimental and numerical analysis of fiber characteristics effects on fiber dispersion for wet-laid nonwoven. <i>Fibers and Polymers</i> , <b>2009</b> , 10, 231-236	2	14

17	Definition of structural features of nano coated webs by image processing methods. <i>International Journal of Nanotechnology</i> , <b>2009</b> , 6, 1131	1.5	7
16	Interactive genetic algorithm-aided generation of carpet pattern. <i>Journal of the Textile Institute</i> , <b>2009</b> , 100, 556-564	1.5	8
15	Interlacing metallic filaments by rotational permanent magnetic field. <i>Fibers and Polymers</i> , <b>2008</b> , 9, 583-587		3
14	Evaluation of comfort properties of polyester knitted spacer fabrics finished with water repellent and antimicrobial agents. <i>Fibers and Polymers</i> , <b>2007</b> , 8, 386-392	2	76
13	Grading of Yarn Appearance Using Image Analysis and an Artificial Intelligence Technique. <i>Textile Reseach Journal</i> , <b>2006</b> , 76, 187-196	1.7	13
12	Prediction of Yarn Cross-Sectional Color from Longitudinal Color by Neural Network. <i>Research Journal of Textile and Apparel</i> , <b>2006</b> , 10, 25-35	1.1	3
11	The effect of polyester fibres on quality of hand-knotted carpets. <i>Journal of the Textile Institute</i> , <b>2005</b> , 96, 1-9	1.5	3
10	Characterizing bulkiness and hairiness of air-jet textured yarn using imaging techniques. <i>Journal of the Textile Institute</i> , <b>2005</b> , 96, 251-255	1.5	17
9	Development of Appearance Grading Method of Cotton Yarns for Various Types of Yarns. <i>Research Journal of Textile and Apparel</i> , <b>2005</b> , 9, 86-93	1.1	3
8	Computer Vision-Aided Fabric Inspection System for On-Circular Knitting Machine. <i>Textile Reseach Journal</i> , <b>2005</b> , 75, 492-497	1.7	32
7	Effect of yarn appearance on apparent quality of weft knitted fabric. <i>Journal of the Textile Institute</i> , <b>2005</b> , 96, 295-301	1.5	13
6	Contributions of in-plane fabric tensile properties in woven fabric bagging behaviour using a new developed test method. <i>International Journal of Clothing Science and Technology</i> , <b>2004</b> , 16, 418-433	0.7	15
5	Detecting Defects in Weft-knitted Fabrics Using Texture-Recognition Methods. <i>Research Journal of Textile and Apparel</i> , <b>2004</b> , 8, 12-20	1.1	1
4	A New Aspect of Geometrical and Physical Principles Applicable to the Estimation of Textile Structures: An Ideal Model for the Plain-knitted Loop. <i>Journal of the Textile Institute</i> , <b>2003</b> , 94, 202-211	1.5	16
3	Characterizing Fabric Pilling Due to Fabric-to-Fabric Abrasion. <i>Textile Reseach Journal</i> , <b>2001</b> , 71, 640-644	1.7	15
2	Enhancing Crystalline phase content in electrospun PVDF nanofibers		2
1	Objective and subjective evaluation of various aspects of hand performance considering protective glove's constructional parameters. <i>Journal of Industrial Textiles</i> , 152808372210801	1.6	1