

Jiri Militky

List of Publications by Year in descending order

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232
papers

4,932
citations

101384

36
h-index

155451

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all docs

236
docs citations

236
times ranked

3808
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal and thermo-mechanical characterization of MWCNTs integrated E-glass/carbon fabric reinforced composites. <i>Journal of Industrial Textiles</i> , 2022, 51, 8845S-8864S.	1.1	3
2	Highly stretchable durable electro-thermal conductive yarns made by deposition of carbon nanotubes. <i>Journal of the Textile Institute</i> , 2022, 113, 80-89.	1.0	9
3	Investigation of thermal comfort properties of fabrics containing mohair. <i>Journal of the Textile Institute</i> , 2022, 113, 616-627.	1.0	4
4	Conductive Heat Transfer Prediction of Plain Socks in Wet State. <i>Autex Research Journal</i> , 2022, 22, 391-403.	0.6	3
5	Determination of the permeability coefficient and airflow resistivity of nonwoven materials. <i>Textile Reseach Journal</i> , 2022, 92, 126-142.	1.1	10
6	Adaptive Neuro-Fuzzy Inference System to Predict the Release of Microplastic Fibers during Domestic Washing. <i>Journal of Testing and Evaluation</i> , 2022, 50, 91-104.	0.4	5
7	A facile approach to develop multifunctional cotton fabrics with hydrophobic, self-cleaning and UV protection properties using ZnO particles and fluorocarbon. <i>Journal of the Textile Institute</i> , 2022, 113, 2238-2248.	1.0	9
8	Investigation of the stab resistance mechanism and performance of uncoated and SiO ₂ coated high-performance aramid fabrics. <i>Journal of the Textile Institute</i> , 2022, 113, 2143-2158.	1.0	7
9	Acoustical Evaluation and Comparative Study of Maple Leaves and Coir and Polyester Fibers. <i>Journal of Natural Fibers</i> , 2022, 19, 10813-10818.	1.7	2
10	Sound Absorption Properties and Accuracy of Prediction Models on Natural Fiber Based Nonwoven Materials. <i>Journal of Natural Fibers</i> , 2022, 19, 10588-10600.	1.7	1
11	Review: incorporation of organic PCMs into textiles. <i>Journal of Materials Science</i> , 2022, 57, 798-847.	1.7	29
12	Hybrid Prepreg Tapes for Composite Manufacturing: A Case Study. <i>Materials</i> , 2022, 15, 619.	1.3	2
13	Crystallization mechanism of micro flake Cu particle-filled poly(ethylene glycol) composites. <i>Thermochimica Acta</i> , 2022, 710, 179172.	1.2	8
14	Simple determination of key structural parameters for fibrous materials enabled by Ergun-Type and Kozeny-type equations. <i>Polymer Testing</i> , 2022, 108, 107514.	2.3	9
15	Hydrophobicity, water moisture transfer and breathability of PTFE-coated viscose fabrics prepared by electrospraying technology and sintering process. <i>Progress in Organic Coatings</i> , 2022, 165, 106775.	1.9	10
16	The Effect of Mask Style and Fabric Selection on the Comfort Properties of Fabric Masks. <i>Materials</i> , 2022, 15, 2559.	1.3	8
17	Fabrication of Conductive, High Strength and Electromagnetic Interference (EMI) Shielded Green Composites Based on Waste Materials. <i>Polymers</i> , 2022, 14, 1289.	2.0	4
18	Functional Coatings by Natural and Synthetic Agents for Insect Control and Their Applications. <i>Coatings</i> , 2022, 12, 476.	1.2	3

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19	Tailored expanded graphite based PVDF porous composites for potential electrostatic dissipation applications. <i>Diamond and Related Materials</i> , 2022, 125, 108972.	1.8	4
20	Preparation and Characterization of Electrospayed Aerogel/Polytetrafluoroethylene Microporous Materials. <i>Polymers</i> , 2022, 14, 48.	2.0	0
21	Fabrication and Performance of Phase Change Thermoregulated Fiber from Bicomponent Melt Spinning. <i>Polymers</i> , 2022, 14, 1895.	2.0	2
22	Neural network model applied to electromagnetic shielding effectiveness of ultra-light Ni/Cu coated polyester fibrous materials. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
23	The novel approach of EMI shielding simulation for metal coated nonwoven textiles with optimized textile module. <i>Polymer Testing</i> , 2022, 114, 107706.	2.3	15
24	An experimental evaluation of convective heat transfer in multi-layered fibrous materials composed by different middle layer structures. <i>Journal of Industrial Textiles</i> , 2021, 51, 362-379.	1.1	10
25	Development of durable superhydrophobic and UV protective cotton fabric via TiO ₂ /trimethoxy(octadecyl)silane nanocomposite coating. <i>Journal of the Textile Institute</i> , 2021, 112, 1639-1650.	1.0	20
26	Effect of Temperature on the Structure and Filtration Performance of Polypropylene Melt-Blown Nonwovens. <i>Autex Research Journal</i> , 2021, 21, 207-217.	0.6	16
27	Structural analysis of embedding polyethylene glycol in silica aerogel. <i>Microporous and Mesoporous Materials</i> , 2021, 310, 110636.	2.2	26
28	Development of tree-like nanofibrous air filter with durable antibacterial property. <i>Separation and Purification Technology</i> , 2021, 259, 118135.	3.9	50
29	Electromagnetic Interference Shielding of Metal Coated Ultrathin Nonwoven Fabrics and Their Factorial Design. <i>Polymers</i> , 2021, 13, 484.	2.0	11
30	Utility of whiskerized carbon fabric surfaces in resistive heating of composites. <i>Polymer Composites</i> , 2021, 42, 2774-2786.	2.3	7
31	Single-Step Green Synthesis of Highly Concentrated and Stable Colloidal Dispersion of Core-Shell Silver Nanoparticles and Their Antimicrobial and Ultra-High Catalytic Properties. <i>Nanomaterials</i> , 2021, 11, 1007.	1.9	17
32	A Review of Impact of Textile Research on Protective Face Masks. <i>Materials</i> , 2021, 14, 1937.	1.3	13
33	Effect of moisture content on the electromagnetic shielding ability of non-conductive textile structures. <i>Scientific Reports</i> , 2021, 11, 11032.	1.6	5
34	Experimental and Modelling Studies on Thermal Insulation and Sound Absorption Properties of Cross-Laid Nonwoven Fabrics. <i>Autex Research Journal</i> , 2021, .	0.6	1
35	Geopolymers and Fiber-Reinforced Concrete Composites in Civil Engineering. <i>Polymers</i> , 2021, 13, 2099.	2.0	47
36	Development of Antimicrobial Multifunctional Textiles to Avoid from Hospital-Acquired Infections. <i>Fibers and Polymers</i> , 2021, 22, 3055-3067.	1.1	10

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37	Fabrication of Manganese Oxide/PTFE Hollow Fiber Membrane and Its Catalytic Degradation of Phenol. <i>Materials</i> , 2021, 14, 3651.	1.3	4
38	A comparison of fabric structures for carbon fiber reinforced composite: Laminated and orthogonal woven structures. <i>Polymer Composites</i> , 2021, 42, 5300-5309.	2.3	11
39	A Silver Yarn-Incorporated Song Brocade Fabric with Enhanced Electromagnetic Shielding. <i>Materials</i> , 2021, 14, 3779.	1.3	4
40	Preparation of core-sheath nanofibers with high latent heat by thermal cross-linking and coaxial electrospinning. <i>Polymer</i> , 2021, 228, 123958.	1.8	12
41	Development of Novel Antimicrobial and Antiviral Green Synthesized Silver Nanocomposites for the Visual Detection of Fe ³⁺ Ions. <i>Nanomaterials</i> , 2021, 11, 2076.	1.9	10
42	Thermal analysis of PEG/Metal particle-coated viscose fabric. <i>Polymer Testing</i> , 2021, 100, 107231.	2.3	19
43	Sandwich Structures Reflecting Thermal Radiation Produced by the Human Body. <i>Polymers</i> , 2021, 13, 3309.	2.0	6
44	Supercooling suppression and mechanical property improvement of phase change nanofibers by optimizing core distribution. <i>Polymer</i> , 2021, 233, 124176.	1.8	4
45	Nanotechnology in Textile Finishing: Recent Developments. , 2021, , 2509-2539.		0
46	Application of Acoustical Method to Characterize Nonwoven Material. <i>Fibers and Polymers</i> , 2021, 22, 831-840.	1.1	3
47	Textile Branch and Main Breakthroughs of the Czech Republic in the Field of Textile Machinery: An Illustrated Review. <i>Textiles</i> , 2021, 1, 466-482.	1.8	2
48	Thermal Behavior of Aerogel-Embedded Nonwovens in Cross Airflow. <i>Autex Research Journal</i> , 2021, 21, 115-124.	0.6	4
49	Activated Carbon Derived from Carbonization of Kevlar Waste Materials: A Novel Single Stage Method. <i>Materials</i> , 2021, 14, 6433.	1.3	12
50	Ultra-Fast Growth of ZnO Nanorods on Cotton Fabrics and Their Self-Cleaning and Physiological Comfort Properties. <i>Coatings</i> , 2021, 11, 1309.	1.2	9
51	Nanotechnology in Textile Finishing: Recent Developments. , 2021, , 1-31.		0
52	Multifunctional Electrically Conductive Copper Electroplated Fabrics Sensitized by In-Situ Deposition of Copper and Silver Nanoparticles. <i>Nanomaterials</i> , 2021, 11, 3097.	1.9	12
53	Ultrathin Multilayer Textile Structure with Enhanced EMI Shielding and Air-Permeable Properties. <i>Polymers</i> , 2021, 13, 4176.	2.0	17
54	Unmasking the Mask: Investigating the Role of Physical Properties in the Efficacy of Fabric Masks to Prevent the Spread of the COVID-19 Virus. <i>Materials</i> , 2021, 14, 7756.	1.3	5

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55	Mechanical, thermo-mechanical and thermal characteristics of multi-walled carbon nanotubes-added textile-reinforced composites. <i>Journal of Industrial Textiles</i> , 2020, 50, 692-715.	1.1	9
56	Self-cleaning properties of polyester fabrics coated with flower-like TiO ₂ particles and trimethoxy (octadecyl)silane. <i>Journal of Industrial Textiles</i> , 2020, 50, 543-565.	1.1	24
57	Effect of silanization on copper coated milife fabric with improved EMI shielding effectiveness. <i>Materials Chemistry and Physics</i> , 2020, 239, 122008.	2.0	28
58	Development of electrically conductive composites based on recycled resources. <i>Journal of the Textile Institute</i> , 2020, 111, 16-25.	1.0	7
59	Copper electroless plating of cotton fabrics after surface activation with deposition of silver and copper nanoparticles. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 137, 109181.	1.9	63
60	A novel method for producing bi-component thermo-regulating alginate fiber from phase change material microemulsion. <i>Textile Reseach Journal</i> , 2020, 90, 1038-1044.	1.1	7
61	Effect of particulate fillers on creep behaviour of epoxy composites. <i>Materials Today: Proceedings</i> , 2020, 31, S217-S220.	0.9	2
62	One-Pot Sonochemical Synthesis of ZnO Nanoparticles for Photocatalytic Applications, Modelling and Optimization. <i>Materials</i> , 2020, 13, 14.	1.3	59
63	Growth of ZnO nanorods on cotton fabrics via microwave hydrothermal method: effect of size and shape of nanorods on superhydrophobic and UV-blocking properties. <i>Cellulose</i> , 2020, 27, 10519-10539.	2.4	30
64	Sound Absorption Properties of Natural Fibers: A Review. <i>Sustainability</i> , 2020, 12, 8477.	1.6	101
65	Transport Properties of Electro-Sprayed Polytetrafluoroethylene Fibrous Layer Filled with Aerogels/Phase Change Materials. <i>Nanomaterials</i> , 2020, 10, 2042.	1.9	6
66	Characterization on Polyester Fibrous Panels and Their Homogeneity Assessment. <i>Polymers</i> , 2020, 12, 2098.	2.0	9
67	Resistance against Penetration of Electromagnetic Radiation for Ultra-light Cu/Ni-Coated Polyester Fibrous Materials. <i>Polymers</i> , 2020, 12, 2029.	2.0	17
68	Co-solvent free interfacial polycondensation and properties of polyurea PCM microcapsules with dodecanol dodecanoate as core material. <i>Solar Energy</i> , 2020, 199, 721-730.	2.9	43
69	Preparation of Electrosprayed, Microporous Particle Filled Layers. <i>Polymers</i> , 2020, 12, 1352.	2.0	7
70	Exceptional Electromagnetic Shielding Properties of Lightweight and Porous Multifunctional Layers. <i>ACS Applied Electronic Materials</i> , 2020, 2, 1138-1144.	2.0	7
71	Bio-Composites Reinforced with Natural Fibers: Comparative Analysis of Thermal, Static and Dynamic-Mechanical Properties. <i>Fibers and Polymers</i> , 2020, 21, 619-627.	1.1	42
72	Influence of Nanoparticles on Thermal and Electrical Conductivity of Composites. <i>Polymers</i> , 2020, 12, 742.	2.0	89

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73	Theoretical and Experimental Studies on Thermal Properties of Polyester Nonwoven Fibrous Material. <i>Materials</i> , 2020, 13, 2882.	1.3	11
74	Shape-Stabilized Cellulose Nanocrystal-Based Phase-Change Materials for Energy Storage. <i>ACS Applied Nano Materials</i> , 2020, 3, 1741-1748.	2.4	35
75	Progress in Sol-Gel Technology for the Coatings of Fabrics. <i>Materials</i> , 2020, 13, 1838.	1.3	69
76	Sustainability in Textile Dyeing: Recent Developments. <i>Sustainable Textiles</i> , 2020, , 37-79.	0.4	15
77	LCA (Life Cycle Assessment) on Recycled Polyester. <i>Textile Science and Clothing Technology</i> , 2020, , 1-30.	0.4	6
78	Study on the Relationship Between Structure Parameters and Filtration Performance of Polypropylene Meltblown Nonwovens. <i>Autex Research Journal</i> , 2020, 20, 366-371.	0.6	11
79	Performance of Electrospun Polyvinylidene Fluoride Nanofibrous Membrane in Air Filtration. <i>Autex Research Journal</i> , 2020, 20, 552-559.	0.6	7
80	Multicriteria Decision-Making in Complex Quality Evaluation of Ladies Dress Material. <i>Autex Research Journal</i> , 2020, 20, 288-298.	0.6	4
81	Investigation on sound absorption properties of aerogel/polymer nonwovens. <i>Journal of the Textile Institute</i> , 2019, 110, 196-201.	1.0	23
82	Improvement and evenness of the side illuminating effect of side emitting optical fibers by fluorescent polyester fabric. <i>Textile Reseach Journal</i> , 2019, 89, 2010-2018.	1.1	4
83	Compression resilience and impact resistance of fiber-reinforced sandwich composites. <i>Polymers for Advanced Technologies</i> , 2019, 30, 3073-3082.	1.6	5
84	Metal Coating on Ultrafine Polyester Non-woven Fabrics and Their Ageing Properties. <i>Fibers and Polymers</i> , 2019, 20, 1347-1359.	1.1	9
85	Aerogel Based High Performance Thermal Insulation Materials. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 553, 012043.	0.3	0
86	Nanocomposites. , 2019, , 263-310.		6
87	Flame Retardancy, Physiological Comfort and Durability of Casein Treated Cotton Fabrics. <i>Fibers and Polymers</i> , 2019, 20, 1011-1020.	1.1	5
88	Green one-step synthesis of ZnO/cellulose nanocrystal hybrids with modulated morphologies and superfast absorption of cationic dyes. <i>International Journal of Biological Macromolecules</i> , 2019, 132, 51-62.	3.6	78
89	Flame resistance behavior of cotton fabrics coated with bilayer assemblies of ammonium polyphosphate and casein. <i>Cellulose</i> , 2019, 26, 3557-3574.	2.4	19
90	Nanoporous materials. , 2019, , 311-353.		17

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91	Energy harvesting performance of silver electroplated fabrics. <i>Materials Chemistry and Physics</i> , 2019, 231, 33-40.	2.0	14
92	Selected Application of Linear Composites Containing Side Emitting Optical Fibres. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 553, 012002.	0.3	2
93	Tensile Properties of Glass Roving and Hybrid Tapes. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 553, 012055.	0.3	1
94	Preparation and evaluation of thermo-regulating bamboo fabric treated by microencapsulated phase change materials. <i>Textile Research Journal</i> , 2019, 89, 3387-3393.	1.1	11
95	Study on the sound absorption behavior of multi-component polyester nonwovens: experimental and numerical methods. <i>Textile Research Journal</i> , 2019, 89, 3342-3361.	1.1	36
96	Effect of surface modification and knife penetration angle on the Quasi-Static Knife Penetration Resistance of para-aramid fabrics. <i>Journal of the Textile Institute</i> , 2019, 110, 590-599.	1.0	5
97	Noise attenuation performance of warp knitted spacer fabrics. <i>Textile Research Journal</i> , 2019, 89, 281-293.	1.1	7
98	Sound absorption and compression properties of perpendicular-laid nonwovens. <i>Textile Research Journal</i> , 2019, 89, 612-624.	1.1	25
99	Multifunctional polylactic acid composites filled with activated carbon particles obtained from acrylic fibrous wastes. <i>Polymer Composites</i> , 2019, 40, 578-590.	2.3	7
100	Comparative performance of flame retardancy, physiological comfort, and durability of cotton textiles treated with alkaline and acidic casein suspension. <i>Journal of Industrial Textiles</i> , 2019, 48, 969-991.	1.1	12
101	Sophisticated Glass Tapes for Fabrication of Composites. <i>Journal of Fiber Bioengineering and Informatics</i> , 2019, 12, 35-42.	0.2	2
102	Utility of silver-coated fabrics as electrodes in electrotherapy applications. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46357.	1.3	32
103	Elevated temperature properties of basalt microfibril filled geopolymer composites. <i>Construction and Building Materials</i> , 2018, 163, 850-860.	3.2	70
104	Comparative Performance of Copper and Silver Coated Stretchable Fabrics. <i>Fibers and Polymers</i> , 2018, 19, 607-619.	1.1	28
105	Reinforcement of enzyme hydrolyzed longer jute microcrystals in polylactic acid. <i>Polymer Composites</i> , 2018, 39, 1089-1097.	2.3	4
106	Hydrophobic treatment of natural fibers and their composites – A review. <i>Journal of Industrial Textiles</i> , 2018, 47, 2153-2183.	1.1	292
107	Thermal and compression characteristics of aerogel-encapsulated textiles. <i>Journal of Industrial Textiles</i> , 2018, 47, 1998-2013.	1.1	29
108	Fiber-based structures for electromagnetic shielding – comparison of different materials and textile structures. <i>Textile Research Journal</i> , 2018, 88, 1992-2012.	1.1	42

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109	Sonochemical synthesis of highly crystalline photocatalyst for industrial applications. Ultrasonics, 2018, 83, 203-213.	2.1	37
110	Thermal and water vapor transmission through porous warp knitted 3D spacer fabrics for car upholstery applications. Journal of the Textile Institute, 2018, 109, 345-357.	1.0	21
111	Acoustic evaluation of Struto nonwovens and their relationship with thermal properties. Textile Reseach Journal, 2018, 88, 426-437.	1.1	36
112	Investigation of Mechanical and Thermomechanical Properties of Nanocellulose Coated Jute/Green Epoxy Composites. , 2018, , 175-194.		1
113	Electrical conductivity and physiological comfort of silver coated cotton fabrics. Journal of the Textile Institute, 2018, 109, 620-628.	1.0	44
114	Interfacial performance and durability of textile reinforced concrete. Journal of the Textile Institute, 2018, 109, 879-890.	1.0	28
115	Copper coated multifunctional cotton fabrics. Journal of Industrial Textiles, 2018, 48, 448-464.	1.1	44
116	In-plane shear behavior of 3D warp-knitted spacer fabrics: Part II – Effect of structural parameters. Journal of Industrial Textiles, 2018, 48, 772-801.	1.1	7
117	Microstructure and mechanical properties of carbon microfiber reinforced geopolymers at elevated temperatures. Construction and Building Materials, 2018, 160, 733-743.	3.2	60
118	Optical Attenuation of Linear Composites Containing SEPOF. IOP Conference Series: Materials Science and Engineering, 2018, 460, 012035.	0.3	2
119	Preparation of Electrosprayed Microporous Membranes. IOP Conference Series: Materials Science and Engineering, 2018, 460, 012017.	0.3	3
120	Tensile failure of polyester fibers. , 2018, , 421-514.		10
121	Enhancement in ageing and functional properties of copper-coated fabrics by subsequent electroplating. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	19
122	Superhydrophobicity, UV protection and oil/water separation properties of fly ash/Trimethoxy(octadecyl)silane coated cotton fabrics. Carbohydrate Polymers, 2018, 202, 571-580.	5.1	51
123	Basalt fibers. , 2018, , 805-840.		10
124	Electrospun nanofibrous membranes embedded with aerogel for advanced thermal and transport properties. Polymers for Advanced Technologies, 2018, 29, 2583-2592.	1.6	32
125	Development of Multilayered Nanocomposites for Applications in Personal Protection. Fibers and Polymers, 2018, 19, 1288-1294.	1.1	7
126	Micro-lensed polymeric optical fiber by CO2 laser cutting. Journal of Laser Applications, 2018, 30, .	0.8	3

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127	The chemistry, manufacture, and tensile behavior of polyamide fibers. , 2018, , 367-419.		7
128	Sulfur-infiltrated yeast-derived nitrogen-rich porous carbon microspheres @ reduced graphene cathode for high-performance lithium-sulfur batteries. Electrochimica Acta, 2018, 285, 317-325.	2.6	35
129	Study on the in-plane shear performance of spacer fabrics in composite forming. Materiali in Tehnologije, 2018, 52, 47-50.	0.3	2
130	Evaluation and Comparison of Acoustic Performance and Thermal Conductivity of Spacer Fabrics. Journal of Fiber Bioengineering and Informatics, 2018, 11, 65-76.	0.2	1
131	Analysis of Basalt and Thermoplastic Hybrid Composites. Journal of Fiber Bioengineering and Informatics, 2018, 11, 163-174.	0.2	1
132	Investigation of electrical properties of basalt and its hybrid structures. Textile Reseach Journal, 2017, 87, 715-725.	1.1	8
133	3D Numerical Simulation of Laminar Flow and Conjugate Heat Transfer through Fabric. Autex Research Journal, 2017, 17, 53-60.	0.6	6
134	Multifunctional metal composite textile shields against electromagnetic radiationâ€™effect of various parameters on electromagnetic shielding effectiveness. Polymer Composites, 2017, 38, 309-323.	2.3	26
135	Ozone treatment of jute fibers. Cellulose, 2017, 24, 1543-1553.	2.4	32
136	Cationization of cellulose fibers for composites. Journal of the Textile Institute, 2017, 108, 1302-1307.	1.0	4
137	Influence of washing/drying cycles on fundamental properties of metal fiber-containing fabrics designed for electromagnetic shielding purposes. Textile Reseach Journal, 2017, 87, 175-192.	1.1	23
138	Fiber optic temperature sensing with enhanced sensitivity based on spectral interferometry. Optical Fiber Technology, 2017, 33, 45-50.	1.4	5
139	Thermal Insulation and Porosityâ€™From Macro- to Nanoscale. Hot Topics in Thermal Analysis and Calorimetry, 2017, , 425-448.	0.5	4
140	Investigation of mechanical properties of basalt woven fabrics by theoretical and image analysis methods. Fibers and Polymers, 2017, 18, 1369-1381.	1.1	5
141	Modelling and simulation of heat transfer by convection in aerogel treated nonwovens. Journal of the Textile Institute, 2017, 108, 1442-1453.	1.0	14
142	Development of porous and electrically conductive activated carbon web for effective EMI shielding applications. Carbon, 2017, 111, 439-447.	5.4	120
143	Acoustic and thermal properties of a cellulose nonwoven natural fabric (barkcloth). Applied Acoustics, 2017, 116, 177-183.	1.7	50
144	Nanocellulose coated woven jute/green epoxy composites: Characterization of mechanical and dynamic mechanical behavior. Composite Structures, 2017, 161, 340-349.	3.1	131

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145	On the eliminating attempts toward ÅestÅ;rkå€“Berggren equation. Journal of Thermal Analysis and Calorimetry, 2017, 127, 1131-1133.	2.0	2
146	Investigation on laser engraving based application of silica aerogel into nonwovens. Fibers and Polymers, 2017, 18, 2469-2475.	1.1	5
147	Basalt nanoparticle reinforced hybrid woven composites: Mechanical and thermo-mechanical performance. Fibers and Polymers, 2017, 18, 2433-2442.	1.1	24
148	Ozone Effect On the Properties of Aramid Fabric. Autex Research Journal, 2017, 17, 164-169.	0.6	8
149	Study on textile comfort properties of polypropylene blended stainless steel woven fabric for the application of electromagnetic shielding effectiveness. IOP Conference Series: Materials Science and Engineering, 2017, 254, 072018.	0.3	7
150	Flame-resistant pure and hybrid woven fabrics from basalt. IOP Conference Series: Materials Science and Engineering, 2017, 254, 022004.	0.3	4
151	Life-cycle assessment of denim. , 2017, , 83-110.		28
152	Denim processing and health hazards. , 2017, , 161-196.		29
153	Mechanical behavior of nanocellulose coated jute/green epoxy composites. IOP Conference Series: Materials Science and Engineering, 2017, 254, 042015.	0.3	5
154	Effect of jute fibre treatment on moisture regain and mechanical performance of composite materials. IOP Conference Series: Materials Science and Engineering, 2017, 254, 042001.	0.3	6
155	Denim and consumersâ€™ phase of life cycle. , 2017, , 257-282.		20
156	Examination of the Thermo-mechanical Properties of E-Glass/Carbon Composites. Tekstilec, 2017, 60, 263-268.	0.3	1
157	Dynamic heat flux measurement for advanced insulation materials. Fibers and Polymers, 2016, 17, 925-931.	1.1	14
158	Investigation on acoustic behavior and air permeability of struto nonwovens. Fibers and Polymers, 2016, 17, 2078-2084.	1.1	13
159	Highly sensitive displacement measurement based on spectral interferometry and Vernier effect. Optics Communications, 2016, 366, 335-339.	1.0	9
160	Thermo-physiological properties of 3D spacer knitted fabrics. International Journal of Clothing Science and Technology, 2016, 28, 328-339.	0.5	14
161	Coating of cellulose-TiO2 nanoparticles on cotton fabric for durable photocatalytic self-cleaning and stiffness. Carbohydrate Polymers, 2016, 150, 107-113.	5.1	86
162	Sorption properties of iron impregnated activated carbon web for removal of methylene blue from aqueous media. Fibers and Polymers, 2016, 17, 1245-1255.	1.1	11

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163	Short-term creep of barkcloth reinforced laminar epoxy composites. <i>Composites Part B: Engineering</i> , 2016, 103, 131-138.	5.9	9
164	Transport properties of aerogel-based nanofibrous nonwoven fabrics. <i>Fibers and Polymers</i> , 2016, 17, 1709-1714.	1.1	29
165	Mechanical, thermal and interfacial properties of green composites from basalt and hybrid woven fabrics. <i>Fibers and Polymers</i> , 2016, 17, 1675-1686.	1.1	45
166	Aerogels for thermal insulation in high-performance textiles. <i>Textile Progress</i> , 2016, 48, 55-118.	1.3	63
167	Reinforcement of ozone pre-treated and enzyme hydrolyzed longer jute micro crystals in poly lactic acid composite films. <i>Composites Part B: Engineering</i> , 2016, 95, 9-17.	5.9	18
168	Impact simulation of three-dimensional woven kevlar-epoxy composites. <i>Journal of Industrial Textiles</i> , 2016, 45, 978-994.	1.1	10
169	Business health characterization: A hybrid regression and support vector machine analysis. <i>Expert Systems With Applications</i> , 2016, 49, 48-59.	4.4	33
170	In-plane shear behavior of 3D spacer knitted fabrics. <i>Journal of Industrial Textiles</i> , 2016, 46, 868-886.	1.1	27
171	Modeling and analysis of the creep behavior of jute/green epoxy composites incorporated with chemically treated pulverized nano/micro jute fibers. <i>Industrial Crops and Products</i> , 2016, 84, 230-240.	2.5	57
172	Effect of enzyme and plasma treatments of bark cloth from <i>Ficus natalensis</i> : morphology and thermal behavior. <i>Journal of the Textile Institute</i> , 2016, 107, 663-671.	1.0	4
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