

Chi Wai Kan

List of Publications by Year in Descending Order

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

253
papers

3,885
citations

33
h-index

44
g-index

263
ext. papers

4,495
ext. citations

2.9
avg, IF

6.03
L-index

#	Paper	IF	Citations
253	A salt-free, zero-discharge and dyebath-recyclable circular coloration technology based on cationic polyelectrolyte complex for cotton fabric dyeing. <i>Cellulose</i> , 2022 , 29, 1249-1262	5.5	1
252	Review on the Development and Application of Directional Water Transport Textile Materials. <i>Coatings</i> , 2022 , 12, 301	2.9	0
251	Review on Development and Application of 3D-Printing Technology in Textile and Fashion Design. <i>Coatings</i> , 2022 , 12, 267	2.9	2
250	Effect of Laser Treatment on Pigment Printing on Denim Fabric [A Study of Colour Properties. <i>Fibers and Polymers</i> , 2022 , 23, 728-735	2	0
249	Application of artificial intelligence techniques in textile wastewater decolorisation fields: A systematic and citation network analysis review. <i>Coloration Technology</i> , 2022 , 138, 117-136	2	0
248	Dyeing Wool Knitted Fabric in Nano-scale Reverse Micelle with Reactive Dyes [A Computer Colour Matching Study. <i>Fibers and Polymers</i> , 2021 , 22, 1320-1332	2	
247	Comparison of Performance of Fabrics made of Torque-free and Conventional Ring Spun Yarn with Different Varieties of Cotton Fibres. <i>Fibers and Polymers</i> , 2021 , 22, 2036-2043	2	1
246	Biosafety evaluation and quantitative determination of poly(hexamethylene biguanide) (PHMB) coated on cellulosic fabrics by KubelkaMunk equation. <i>Cellulose</i> , 2021 , 28, 6651	5.5	3
245	Effect of Heat Setting and Dyeing on Tensile Strength and Shrinkage Properties of Poly(Lactic Acid) Fibre. <i>Fibers and Polymers</i> , 2021 , 22, 2388-2393	2	2
244	Moisture-Wicking and Solar-Heated Coaxial Fibers with a Bark-like Appearance for Fabric Comfort Management. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 26590-26600	9.5	5
243	Influence of pH-responsive compounds synthesized from chitosan and hyaluronic acid on dual-responsive (pH/temperature) hydrogel drug delivery systems of Cortex Moutan. <i>International Journal of Biological Macromolecules</i> , 2021 , 168, 163-174	7.9	16
242	Plasma treatment for sustainable functionalization of textiles 2021 , 265-277		0
241	Non-aqueous dyeing of cotton fibre with reactive dyes: A review. <i>Coloration Technology</i> , 2020 , 136, 214-223		10
240	Instrumentation for Measuring the Wet Frictional Property of Sanitary Pads. <i>Fibers and Polymers</i> , 2020 , 21, 216-223	2	0
239	Application of laser technology 2020 , 163-187		0
238	The Effect of Plasma Pretreatment of Dyeability of Silk with Acid Dye. <i>Key Engineering Materials</i> , 2020 , 831, 165-170	0.4	1
237	An eco-friendly dyeing method: bromophenol blue (BPB) applied for dyeing cotton fabrics coated with cationic finishing agents. <i>Cellulose</i> , 2020 , 27, 9045-9059	5.5	5

236	Effect of laser treatment on pigment printing on denim fabric: low stress mechanical properties. <i>Cellulose</i> , 2020 , 27, 10385-10405	5.5	5
235	Atmospheric pressure plasma-induced decolorisation of cotton knitted fabric dyed with reactive dye. <i>Coloration Technology</i> , 2019 , 135, 516-528	2	3
234	Reactive Blue-25 dye/TiO ₂ coated cotton fabrics with self-cleaning and UV blocking properties. <i>Cellulose</i> , 2019 , 26, 2821-2832	5.5	9
233	A Computer Color-Matching Study of Reverse Micellar Dyeing of Wool with Reactive Dyes. <i>Polymers</i> , 2019 , 11,	4.5	2
232	A Review of Chitosan Textile Applications. <i>AATCC Journal of Research</i> , 2019 , 6, 8-14	1	7
231	Instrumental and Sensory Evaluations of Drying and Stickiness Properties of Fabrics. <i>Fibers and Polymers</i> , 2019 , 20, 177-190	2	0
230	Preparation of an associative thickener for digital printing of nylon carpet. <i>Pigment and Resin Technology</i> , 2019 , 48, 216-222	1	1
229	An Orthogonal Study of Industrial Scale Colour Fading Process of Cotton Fabric. <i>Fibers and Polymers</i> , 2019 , 20, 588-594	2	2
228	A study of PEG-based reverse micellar dyeing of cotton fabric: reactive dyes with different reactive groups. <i>Cellulose</i> , 2019 , 26, 4159-4173	5.5	12
227	Dual-responsive (pH/temperature) Pluronic F-127 hydrogel drug delivery system for textile-based transdermal therapy. <i>Scientific Reports</i> , 2019 , 9, 11658	4.9	63
226	Reverse Micellar Dyeing of Cotton Fiber with Reactive Dyes: A Study of the Effect of Water pH and Hardness. <i>ACS Omega</i> , 2019 , 4, 11808-11814	3.9	6
225	Photoactive cotton fabric for UV protection and self-cleaning.. <i>RSC Advances</i> , 2019 , 9, 18106-18114	3.7	24
224	Effect of Plasma Pre-Treatment on the Dyeability of Silk Fabric with Metal-Complex Dye. <i>Key Engineering Materials</i> , 2019 , 818, 21-25	0.4	2
223	Measurement of Liquid Transport Properties of Sanitary Napkin with Modified Forced Flow Water Transport Tester. <i>Fibers and Polymers</i> , 2019 , 20, 2646-2653	2	2
222	Reverse Micellar Dyeing of Wool Fabric with Reactive Dyes. <i>Fibers and Polymers</i> , 2019 , 20, 2367-2375	2	5
221	Effect of reverse micelle-encapsulated reactive dyes agglomeration in dyeing properties of cotton. <i>Dyes and Pigments</i> , 2019 , 161, 51-57	4.6	16
220	Dyeing cotton with reactive dyes: a comparison between conventional water-based and solvent-assisted PEG-based reverse micellar dyeing systems. <i>Cellulose</i> , 2019 , 26, 1399-1408	5.5	15
219	Dyeing Properties of Cotton with Reactive Dye in Nonane Nonaqueous Reverse Micelle System. <i>ACS Omega</i> , 2018 , 3, 2812-2819	3.9	15

218	Relationship Between Physical and Low-stress Mechanical Properties to Fabric Hand of Woollen Fabric with Fusible Interlinings. <i>Fibers and Polymers</i> , 2018 , 19, 230-237	2	11
217	Comparison of computer colour matching of water-based and solvent-based reverse micellar dyeing of cotton fibre. <i>Coloration Technology</i> , 2018 , 134, 258-265	2	8
216	Constant Temperature Drying Rate Tester: Real-Time Water Evaporation Measurement of Fabrics. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2018 , 67, 2635-2648	5.2	6
215	A statistical analysis of low-stress mechanical properties of warp-knitted fabrics. <i>Textile Reseach Journal</i> , 2018 , 88, 467-479	1.7	4
214	Effect of softener in home laundering of cotton fabric: a study of low-stress mechanical properties. <i>Cellulose</i> , 2018 , 25, 6161-6173	5.5	3
213	Pigment Dyeing of Atmospheric Pressure Plasma-Treated Cotton Fabric. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 552	2.6	5
212	An Analysis of Effect of CO2 Laser Treatment on Carbon Fibre Fabric. <i>Coatings</i> , 2018 , 8, 178	2.9	1
211	Atmospheric Pressure Plasma Treatment for Grey Cotton Knitted Fabric. <i>Polymers</i> , 2018 , 10,	4.5	8
210	Thermoresponsive Hydrogels and Their Biomedical Applications: Special Insight into Their Applications in Textile Based Transdermal Therapy. <i>Polymers</i> , 2018 , 10,	4.5	66
209	A Parameter Study of the Effect of a Plasma-Induced Ozone Colour-Fading Process on Sulphur-Dyed Cotton Fabric. <i>Processes</i> , 2018 , 6, 81	2.9	7
208	Liquid Spreading Speed Measurement of Fabric-Foam-Fabric Plied Material. <i>Key Engineering Materials</i> , 2018 , 772, 3-7	0.4	2
207	Textile dyes and human health: a systematic and citation network analysis review. <i>Coloration Technology</i> , 2018 , 134, 245-257	2	27
206	. <i>IEEE Access</i> , 2018 , 6, 24777-24792	3.5	9
205	Assessing the accumulated stickiness magnitude from fabric-skin friction: effect of wetness level of various fabrics. <i>Royal Society Open Science</i> , 2018 , 5, 180860	3.3	13
204	A Review of Fusible Interlinings Usage in Garment Manufacture. <i>Polymers</i> , 2018 , 10,	4.5	6
203	Absorption Rate Evaluation of Fabric-Foam-Fabric Plied Material. <i>Materials Science Forum</i> , 2018 , 932, 97-101	0.4	
202	Magnitude Estimation Approach for Assessing Stickiness Sensation Perceived in Wet Fabrics. <i>Fibers and Polymers</i> , 2018 , 19, 2418-2430	2	8
201	Surface Characterisation of Atmospheric Pressure Plasma Treated Cotton Fabric-Effect of Operation Parameters. <i>Polymers</i> , 2018 , 10,	4.5	8

200	Review on Fabrication of Structurally Colored Fibers by Electrospinning. <i>Fibers</i> , 2018 , 6, 70	3.7	10
199	Parametric Study of Effects of Atmospheric Pressure Plasma Treatment on the Wettability of Cotton Fabric. <i>Polymers</i> , 2018 , 10,	4.5	24
198	Subjective wet perception assessment of fabrics with different drying time. <i>Royal Society Open Science</i> , 2018 , 5, 180798	3.3	4
197	Preparation and Characterization of Electrospun PAN/PSA Carbonized Nanofibers: Experiment and Simulation Study. <i>Nanomaterials</i> , 2018 , 8,	5.4	12
196	Constant Power Drying Rate Tester: Measurement of Water Evaporation from Textiles with Heat. <i>Fibers and Polymers</i> , 2018 , 19, 2208-2217	2	2
195	Characteristics of Fabric-Foam-Fabric Plied Material: Water Transport Capability. <i>Key Engineering Materials</i> , 2018 , 777, 13-16	0.4	
194	Examining the Overall Moisture Management Capability of Fabric-Foam-Fabric Plied Material. <i>Solid State Phenomena</i> , 2018 , 279, 109-112	0.4	1
193	Effect of graphene oxide inclusion on the optical reflection of a silica photonic crystal film.. <i>RSC Advances</i> , 2018 , 8, 16593-16602	3.7	9
192	Property Comparison of Woollen Fabrics with Fusible and Printable Interlinings. <i>Fibers and Polymers</i> , 2018 , 19, 987-996	2	7
191	Effect of Hydrophilic-lipophilic Balance (HLB) Values of PEG-based Non-ionic Surfactant on Reverse Micellar Dyeing of Cotton Fibre with Reactive Dyes in Non-aqueous Medium. <i>Fibers and Polymers</i> , 2018 , 19, 894-904	2	14
190	Hydrophobic Coatings on Cotton Obtained by in Situ Plasma Polymerization of a Fluorinated Monomer in Ethanol Solutions. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 5513-5521	9.5	24
189	Some properties of a thickener for preparing inkjet printing ink for nylon carpet. <i>Coloration Technology</i> , 2017 , 133, 116-121	2	3
188	An investigation of color fading of sulfur-dyed cotton fabric by plasma treatment. <i>Fibers and Polymers</i> , 2017 , 18, 767-772	2	11
187	Effect of softener and wetting agent on improving the flammability, comfort, and mechanical properties of flame-retardant finished cotton fabric. <i>Cellulose</i> , 2017 , 24, 2619-2634	5.5	19
186	Biosorption Performance of Encapsulated <i>Candida krusei</i> for the removal of Copper(II). <i>Scientific Reports</i> , 2017 , 7, 2159	4.9	11
185	Microscopic study of the surface morphology of CO ₂ laser-treated cotton and cotton/polyester blended fabric. <i>Textile Reseach Journal</i> , 2017 , 87, 1107-1120	1.7	10
184	Effect of Low Temperature Plasma Treatment on the Dyeability of Regenerated Bamboo/Cotton Blended Fabrics. <i>AATCC Journal of Research</i> , 2017 , 4, 20-26	1	1
183	Doing textiles experiments in game-based virtual reality. <i>International Journal of Information and Learning Technology</i> , 2017 , 34, 242-258	1.9	10

182	Effect of the CO ₂ laser treatment on properties of 100% cotton knitted fabrics. <i>Cellulose</i> , 2017 , 24, 1915-1926	5.3	26
181	Flammability, comfort and mechanical properties of a novel fabric structure: plant-structured fabric. <i>Cellulose</i> , 2017 , 24, 4017-4031	5.5	11
180	Comparison of test methods for measuring water absorption and transport test methods of fabrics. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017 , 97, 126-137	4.6	7
179	An analysis of some physical and chemical properties of CO ₂ laser-treated cotton-based fabrics. <i>Cellulose</i> , 2017 , 24, 363-381	5.5	12
178	Effect of CO ₂ Laser Treatment on the Fabric Hand of Cotton and Cotton/Polyester Blended Fabric. <i>Polymers</i> , 2017 , 9,	4.5	9
177	Octane-Assisted Reverse Micellar Dyeing of Cotton with Reactive Dyes. <i>Polymers</i> , 2017 , 9,	4.5	13
176	Computer Color Matching and Levelness of PEG-Based Reverse Micellar Decamethyl cyclopentasiloxane (D5) Solvent-Assisted Reactive Dyeing on Cotton Fiber. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 682	2.6	21
175	Regenerable Antibacterial Cotton Fabric by Plasma Treatment with Dimethylhydantoin: Antibacterial Activity against <i>S. aureus</i> . <i>Coatings</i> , 2017 , 7, 11	2.9	13
174	A Study of CO ₂ Laser Treatment on Colour Properties of Cotton-Based Fabrics. <i>Coatings</i> , 2017 , 7, 131	2.9	4
173	Visible-Light-Driven, Dye-Sensitized TiO ₂ Photo-Catalyst for Self-Cleaning Cotton Fabrics. <i>Coatings</i> , 2017 , 7, 192	2.9	24
172	A study of reusing vinyl sulfone based reactive dye for dyeing cotton fiber. <i>Fibers and Polymers</i> , 2017 , 18, 2176-2186	2	4
171	Influence of reactive dyes on ultraviolet protection of cotton knitted fabrics with different fabric constructions. <i>Textile Reseach Journal</i> , 2016 , 86, 512-532	1.7	4
170	Hydrophobisation of hydrophilic imitation leather with polyester surface by atmospheric pressure plasma treatment. <i>Journal of the Textile Institute</i> , 2016 , 107, 91-94	1.5	3
169	Moisture Properties Analysis of Commercially Available Innerwear. <i>Applied Mechanics and Materials</i> , 2016 , 848, 182-186	0.3	
168	Low-Stress Mechanical Properties of Cotton Fabric Treated with Titanium Dioxide-Catalyzed Wrinkle-Resistant Finishing. <i>Journal of Natural Fibers</i> , 2016 , 13, 451-457	1.8	3
167	Dual-functional transdermal drug delivery system with controllable drug loading based on thermosensitive poloxamer hydrogel for atopic dermatitis treatment. <i>Scientific Reports</i> , 2016 , 6, 24112	4.9	57
166	Rheological properties of thickener for preparing digital printing ink for nylon carpets. <i>Fibers and Polymers</i> , 2016 , 17, 1475-1479	2	3
165	Effect of reactive dyeing on the UV protection affected by knitted fabric made from different types of cotton fibre. <i>Coloration Technology</i> , 2016 , 132, 114-120	2	2

164	An Artificial Neural Network Model for Prediction of Colour Properties of Knitted Fabrics Induced by Laser Engraving. <i>Neural Processing Letters</i> , 2016 , 44, 639-650	2.4	9
163	Plasma treatment applied in the pad-dry-cure process for making rechargeable antimicrobial cotton fabric that inhibits <i>S. Aureus</i> . <i>Textile Research Journal</i> , 2016 , 86, 2202-2215	1.7	11
162	A study of plasma-induced ozone treatment on the colour fading of dyed cotton. <i>Journal of Cleaner Production</i> , 2016 , 112, 3514-3524	10.3	28
161	Atmospheric Pressure Plasma Surface Treatment of Rayon Flock Synthetic Leather with Tetramethylsilane. <i>Applied Sciences (Switzerland)</i> , 2016 , 6, 59	2.6	6
160	A Review on Development and Applications of Bio-Inspired Superhydrophobic Textiles. <i>Materials</i> , 2016 , 9,	3.5	49
159	Enhanced Transdermal Permeability via Constructing the Porous Structure of Poloxamer-Based Hydrogel. <i>Polymers</i> , 2016 , 8,	4.5	19
158	Application of Thermosensitive Poloxamer-Based Hydrogel in the Development of Transdermal Therapy Containing Herbal Medicine. <i>Key Engineering Materials</i> , 2016 , 719, 57-61	0.4	0
157	Impacts of yarn twist and staple length on UV protection of plain-knitted cotton fabrics. <i>Journal of the Textile Institute</i> , 2016 , 107, 1533-1542	1.5	6
156	Ultraviolet protection of weft-knitted fabrics. <i>Textile Progress</i> , 2016 , 48, 1-54	2.9	12
155	Dyeing cotton in alkane solvent using polyethylene glycol-based reverse micelle as reactive dye carrier. <i>Cellulose</i> , 2016 , 23, 965-980	5.5	33
154	Relationship between curing temperature and low stress mechanical properties of titanium dioxide catalyzed flame retardant finished cotton fabric. <i>Fibers and Polymers</i> , 2016 , 17, 380-388	2	9
153	In vitro drug release and percutaneous behavior of poloxamer-based hydrogel formulation containing traditional Chinese medicine. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 148, 526-532	6	27
152	Environmentally friendly aspects in coloration. <i>Coloration Technology</i> , 2016 , 132, 4-8	2	21
151	The effect of plasma treatment on the dyeing properties of silk fabric. <i>Coloration Technology</i> , 2016 , 132, 9-16	2	21
150	Introducing variations in colour of cotton fabric reactive dye systems through irradiation with a carbon dioxide laser. <i>Coloration Technology</i> , 2016 , 132, 35-48	2	4
149	Characterizing the transplanar and in-plane water transport of textiles with gravimetric and image analysis technique: Spontaneous Uptake Water Transport Tester. <i>Scientific Reports</i> , 2015 , 5, 9689	4.9	17
148	Effect of direct dyes on the UV protection property of 100% cotton knitted fabric. <i>Fibers and Polymers</i> , 2015 , 16, 1262-1268	2	6
147	Optimizing rechargeable antimicrobial performance of cotton fabric coated with 5,5-dimethylhydantoin (DMH). <i>Cellulose</i> , 2015 , 22, 879-886	5.5	8

146	Effect of plasma treatment on the hydrophobicity of imitation leather with 100% polyurethane surface. <i>Fibers and Polymers</i> , 2015 , 16, 702-704	2	5
145	Relationship between bursting strength and ultraviolet protection property of 100% cotton-knitted fabrics. <i>Journal of the Textile Institute</i> , 2015 , 106, 978-985	1.5	4
144	Effect of nature of gas in plasma treatment on thermomechanical properties of polyester fibres. <i>Fibers and Polymers</i> , 2015 , 16, 1696-1704	2	2
143	Orthogonal analysis for rechargeable antimicrobial finishing of plasma pretreated cotton. <i>Cellulose</i> , 2015 , 22, 3465-3475	5.5	8
142	The effect of plasma treatment on water absorption properties of silk fabrics. <i>Fibers and Polymers</i> , 2015 , 16, 1705-1714	2	15
141	Assessing and predicting the subjective wetness sensation of textiles: subjective and objective evaluation. <i>Textile Research Journal</i> , 2015 , 85, 838-849	1.7	37
140	Effects of laser treatment on fabric characteristics and performance. <i>Surface Innovations</i> , 2015 , 3, 228-236	3	3
139	Characterizing the transplanar and in-plane water transport properties of fabrics under different sweat rate: Forced Flow Water Transport Tester. <i>Scientific Reports</i> , 2015 , 5, 17012	4.9	37
138	A Study of Paper Towel Hand Properties. <i>AATCC Review</i> , 2015 , 15, 38-47	1.3	6
137	Psychophysical Measurement of Wet and Clingy Sensation of Fabrics by the Volar Forearm Test. <i>Journal of Sensory Studies</i> , 2015 , 30, 329-347	2.2	20
136	In-Vitro Analysis of the Effect of Constructional Parameters and Dye Class on the UV Protection Property of Cotton Knitted Fabrics. <i>PLoS ONE</i> , 2015 , 10, e0133416	3.7	4
135	Regenerable Antimicrobial Finishing of Cotton with Nitrogen Plasma Treatment. <i>BioResources</i> , 2015 , 11,	1.3	2
134	A study on ultraviolet protection properties of 100% cotton knit fabric: effect of fabric structure. <i>Journal of the Textile Institute</i> , 2015 , 106, 648-654	1.5	5
133	In vitro assessment of ultraviolet protection of coloured cotton knitted fabrics with different structures under stretched and wet conditions. <i>Radiation Protection Dosimetry</i> , 2015 , 164, 325-34	0.9	4
132	Application of Chinese herbal medicine onto cotton fabric by dyeing methods. <i>Fibers and Polymers</i> , 2015 , 16, 2401-2408	2	1
131	Plasma-enhanced regenerable 5,5-dimethylhydantoin (DMH) antibacterial finishing for cotton fabric. <i>Applied Surface Science</i> , 2015 , 328, 410-417	6.7	28
130	Effects of TiO ₂ and curing temperatures on flame retardant finishing of cotton. <i>Carbohydrate Polymers</i> , 2015 , 121, 457-67	10.3	49
129	Chitosan/Clotrimazole microcapsules for Tinea pedis treatment: in-vitro antifungal and cytotoxicity study. <i>Journal of the Textile Institute</i> , 2015 , 106, 641-647	1.5	3

128	Colour fading effect of indigo-dyed cotton denim fabric by CO ₂ laser. <i>Fibers and Polymers</i> , 2014 , 15, 426-429		34
127	Using atmospheric pressure plasma treatment for treating grey cotton fabric. <i>Carbohydrate Polymers</i> , 2014 , 102, 167-73	10.3	56
126	Effect of biopolishing and UV absorber treatment on the UV protection properties of cotton knitted fabrics. <i>Carbohydrate Polymers</i> , 2014 , 101, 451-6	10.3	15
125	CO ₂ laser treatment as a clean process for treating denim fabric. <i>Journal of Cleaner Production</i> , 2014 , 66, 624-631	10.3	33
124	Evaluation of water absorption and transport property of fabrics. <i>Textile Progress</i> , 2014 , 46, 1-132	2.9	48
123	Artificial neural network approach for predicting colour properties of laser-treated denim fabrics. <i>Fibers and Polymers</i> , 2014 , 15, 1330-1336	2	21
122	Inducing hydrophobic surface on polyurethane synthetic leather by atmospheric pressure plasma. <i>Fibers and Polymers</i> , 2014 , 15, 1596-1600	2	16
121	Hydrophilic/oleophobic coatings on cellulosic materials by plasma assisted polymerization in liquid phase and fluorosurfactant complexation. <i>Cellulose</i> , 2014 , 21, 729-739	5.5	15
120	Plasma-assisted regenerable chitosan antimicrobial finishing for cotton. <i>Cellulose</i> , 2014 , 21, 2951-2962	5.5	32
119	A study on ultraviolet protection of 100% cotton knitted fabric: effect of fabric parameters. <i>Scientific World Journal, The</i> , 2014 , 2014, 506049	2.2	12
118	Comparison of Color Properties of CO ₂ Laser Treated Cotton Fabric Before and After Dyeing. <i>Journal of Textile Engineering</i> , 2014 , 60, 23-25	0.3	1
117	A study of pigment application on atmospheric pressure plasma treated cotton fabric. <i>Fibers and Polymers</i> , 2014 , 15, 2313-2318	2	4
116	Effective Photodegradation of Methyl Orange Using Fluidized Bed Reactor Loaded with Cross-Linked Chitosan Embedded Nano-CdS Photocatalyst. <i>International Journal of Chemical Engineering</i> , 2014 , 2014, 1-16	2.2	15
115	Objective measurement of hand properties of plasma pre-treated cotton fabrics subjected to flame-retardant finishing catalyzed by zinc oxide. <i>Fibers and Polymers</i> , 2014 , 15, 1880-1886	2	12
114	Enhancing the capacitive performance of a textile-based CNT supercapacitor. <i>RSC Advances</i> , 2014 , 4, 64890-64900	3.7	41
113	Effect of Enzyme Washing on the Tensile Property of Denim Fabric. <i>Advanced Materials Research</i> , 2014 , 933, 175-178	0.5	1
112	Effect of softeners and crosslinking conditions on the performance of easy-care cotton fabrics with different weave constructions. <i>Fibers and Polymers</i> , 2013 , 14, 822-831	2	10
111	Comparative study of cellulase treatment on low stress mechanical properties of cotton denim fabric made by torque-free ring spun yarn. <i>Fibers and Polymers</i> , 2013 , 14, 669-675	2	10

110	Dyeing behavior of laser-treated polyester. <i>Fibers and Polymers</i> , 2013 , 14, 230-235	2	5
109	Preparation and characterization of chitosan/sodium alginate (CSA) microcapsule containing Cortex Moutan. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013 , 434, 95-101	5.1	23
108	A new modified laser pretreatment for porcelain zirconia bonding. <i>Dental Materials</i> , 2013 , 29, 559-65	5.7	79
107	Microencapsulation of Traditional Chinese Herbs-PentaHerbs extracts and potential application in healthcare textiles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 111, 156-61	6	38
106	A study of metal oxide on antimicrobial effect of plasma pre-treated cotton fabric. <i>Fibers and Polymers</i> , 2013 , 14, 52-58	2	11
105	Polyester metallisation with electroless silver plating process. <i>Fibers and Polymers</i> , 2013 , 14, 82-88	2	12
104	Some physical properties of resin-treated 100% light-weight plain knitted cotton fabric. <i>Fibers and Polymers</i> , 2013 , 14, 110-114	2	4
103	Effect of Stretching on Ultraviolet Protection of Cotton and Cotton/Coolmax Blended Weft Knitted Fabric in a Wet State. <i>Materials</i> , 2013 , 7, 58-74	3.5	6
102	Preparation and characterisation of chitosan microcapsules loaded with Cortex Moutan. <i>International Journal of Biological Macromolecules</i> , 2013 , 55, 32-8	7.9	16
101	Effect of heat setting parameters on some properties of PLA knitted fabric. <i>Fibers and Polymers</i> , 2013 , 14, 1347-1353	2	5
100	Modelling tearing behavior of durable press finished woven fabric. <i>Fibers and Polymers</i> , 2013 , 14, 1386-1390		2
99	Parametric study of CF4-plasma on the hydrophobicity of polyester synthetic leather. <i>Fibers and Polymers</i> , 2013 , 14, 1608-1613	2	11
98	Colour Properties of Plasma-Induced Ozone Fading of Cotton Fabric. <i>Advanced Materials Research</i> , 2013 , 811, 3-8	0.5	6
97	The Effect of Stretching on Ultraviolet Protection of Cotton and Cotton/Coolmax-Blended Weft Knitted Fabric in a Dry State. <i>Materials</i> , 2013 , 6, 4985-4999	3.5	14
96	An New Modified Automatic Panoramic Image Stitching Model in Fabric Defect Inspecting Area. <i>Applied Mechanics and Materials</i> , 2013 , 389, 781-788	0.3	
95	Effect of Plasma-Induced Ozone Treatment on the Colour Yield of Textile Fabric. <i>Applied Mechanics and Materials</i> , 2013 , 378, 131-134	0.3	6
94	Chemical analysis of plasma-assisted antimicrobial treatment on cotton. <i>Journal of Physics: Conference Series</i> , 2013 , 441, 012002	0.3	1
93	Low Stress Mechanical Properties of Plasma-Treated Cotton Fabric Subjected to Zinc Oxide-Anti-Microbial Treatment. <i>Materials</i> , 2013 , 6, 314-333	3.5	29

92	Influence of knitted fabric construction on the ultraviolet protection factor of greige and bleached cotton fabrics. <i>Textile Reseach Journal</i> , 2013 , 83, 683-699	1.7	20
91	Study of the cytotoxicity of reactive dyeing effluent treated by Fenton oxidation. <i>Coloration Technology</i> , 2013 , 129, 398-402	2	5
90	Study on the Relationship between UV Protectionand Knitted Fabric Structure. <i>Journal of Textile Engineering</i> , 2013 , 59, 71-74	0.3	8
89	The Relationship between Ultraviolet Protection Factor and Fibre Content. <i>Journal of Textile Engineering</i> , 2013 , 59, 83-86	0.3	6
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2 Plasma deposition for antimicrobial finishing of cellulosic textiles. *Journal of the Textile Institute*,1-8 1.5

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