Chi Wai Kan

List of Publications by Citations

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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 new modified laser pretreatment for porcelain zirconia bonding. *Dental Materials*, **2013**, 29, 559-65	5.7	79
252	Thermoresponsive Hydrogels and Their Biomedical Applications: Special Insight into Their Applications in Textile Based Transdermal Therapy. *Polymers*, **2018**, 10,	4.5	66
251	Using atmospheric pressure plasma for enhancing the deposition of printing paste on cotton fabric for digital ink-jet printing. *Cellulose*, **2011**, 18, 827-839	5.5	65
250	Tuning the donor-acceptor strength of low-bandgap platinum-acetylide polymers for near-infrared photovoltaic applications. *Macromolecular Rapid Communications*, **2011**, 32, 1472-7	4.8	65
249	Dual-responsive (pH/temperature) Pluronic F-127 hydrogel drug delivery system for textile-based transdermal therapy. *Scientific Reports*, **2019**, 9, 11658	4.9	63
248	Plasma technology in wool. *Textile Progress*, **2007**, 39, 121-187	2.9	60
247	Chemical Silver Plating on Cotton and Polyester Fabrics and its Application on Fabric Design. *Textile Reseach Journal*, **2006**, 76, 57-65	1.7	60
246	Dual-functional transdermal drug delivery system with controllable drug loading based on thermosensitive poloxamer hydrogel for atopic dermatitis treatment. *Scientific Reports*, **2016**, 6, 24112	4.9	57
245	Using atmospheric pressure plasma treatment for treating grey cotton fabric. *Carbohydrate Polymers*, **2014**, 102, 167-73	10.3	56
244	Antitumor activity of diethynylfluorene derivatives of gold(I). *Bioorganic and Medicinal Chemistry*, **2009**, 17, 7872-7	3.4	56
243	Chemical silver plating and its application to textile fabric design. *Journal of Applied Polymer Science*, **2005**, 96, 919-926	2.9	50
242	Effects of TiO and curing temperatures on flame retardant finishing of cotton. *Carbohydrate Polymers*, **2015**, 121, 457-67	10.3	49
241	Phyllanthus urinaria extract attenuates acetaminophen induced hepatotoxicity: involvement of cytochrome P450 CYP2E1. *Phytomedicine*, **2009**, 16, 751-60	6.5	49
240	A Review on Development and Applications of Bio-Inspired Superhydrophobic Textiles. *Materials*, **2016**, 9,	3.5	49
239	Evaluation of water absorption and transport property of fabrics. *Textile Progress*, **2014**, 46, 1-132	2.9	48
238	Corilagin is a potent inhibitor of NF-kappaB activity and downregulates TNF-alpha induced expression of IL-8 gene in cystic fibrosis IB3-1 cells. *International Immunopharmacology*, **2012**, 13, 308-15	5.8	48
237	Effect of zinc oxide on flame retardant finishing of plasma pre-treated cotton fabric. *Cellulose*, **2011**, 18, 151-165	5.5	47

236	Technical study of the effect of CO2 laser surface engraving on the colour properties of denim fabric. *Coloration Technology*, **2010**, 126, 365-371	2	47
235	Developments in functional finishing of cotton fibres wrinkle-resistant, flame-retardant and antimicrobial treatments. *Textile Progress*, **2012**, 44, 175-249	2.9	43
234	Enhancing the capacitive performance of a textile-based CNT supercapacitor. *RSC Advances*, **2014**, 4, 64890-64900	3.7	41
233	Cosmetic textiles with biological benefits: gelatin microcapsules containing vitamin C. *International Journal of Molecular Medicine*, **2009**, 24, 411-9	4.4	41
232	Electroless nickel plating of polyester fiber. *Journal of Applied Polymer Science*, **2008**, 108, 2630-2637	2.9	41
231	USING NANO-TiO2 AS CO-CATALYST FOR IMPROVING WRINKLE-RESISTANCE OF COTTON FABRIC. *Surface Review and Letters*, **2007**, 14, 571-575	1.1	39
230	Microencapsulation of Traditional Chinese Herbs-PentaHerbs extracts and potential application in healthcare textiles. *Colloids and Surfaces B: Biointerfaces*, **2013**, 111, 156-61	6	38
229	Chitosan microcapsules loaded with either miconazole nitrate or clotrimazole, prepared via emulsion technique. *Carbohydrate Polymers*, **2012**, 89, 795-801	10.3	38
228	Effect of concentration of titanium dioxide acting as catalyst or co-catalyst on the wrinkle-resistant finishing of cotton fabric. *Fibers and Polymers*, **2010**, 11, 551-558	2	38
227	The effect of the pretreatment print paste contents on colour yield of an ink-jet printed cotton fabric. *Fibers and Polymers*, **2004**, 5, 117-121	2	38
226	Assessing and predicting the subjective wetness sensation of textiles: subjective and objective evaluation. *Textile Reseach Journal*, **2015**, 85, 838-849	1.7	37
225	Characterizing the transplanar and in-plane water transport properties of fabrics under different sweat rate: Forced Flow Water Transport Tester. *Scientific Reports*, **2015**, 5, 17012	4.9	37
224	Using artificial neural network to predict colour properties of laser-treated 100% cotton fabric. *Fibers and Polymers*, **2011**, 12, 1069-1076	2	35
223	Colour fading effect of indigo-dyed cotton denim fabric by CO2 laser. *Fibers and Polymers*, **2014**, 15, 426-429	2	34
222	A comprehensive study of silicone-based cosmetic textile agent. *Fibers and Polymers*, **2009**, 10, 132-140	2	34
221	Low Temperature Plasma Treatment for Wool Fabric. *Textile Reseach Journal*, **2006**, 76, 309-314	1.7	34
220	CO2 laser treatment as a clean process for treating denim fabric. *Journal of Cleaner Production*, **2014**, 66, 624-631	10.3	33
219	Improvement of wrinkle-resistant treatment by nanotechnology. *Journal of the Textile Institute*, **2009**, 100, 173-180	1.5	33

218	Evaluating antistatic performance of plasma-treated polyester. *Fibers and Polymers*, **2007**, 8, 629-634	2	33
217	Dyeing cotton in alkane solvent using polyethylene glycol-based reverse micelle as reactive dye carrier. *Cellulose*, **2016**, 23, 965-980	5.5	33
216	Plasma-assisted regenerable chitosan antimicrobial finishing for cotton. *Cellulose*, **2014**, 21, 2951-2962	5.5	32
215	Physical and chemical analysis of plasma-treated cotton fabric subjected to wrinkle-resistant finishing. *Cellulose*, **2011**, 18, 493-503	5.5	32
214	Flame-retardant finishing in cotton fabrics using zinc oxide co-catalyst. *Journal of Applied Polymer Science*, **2011**, 121, 612-621	2.9	32
213	The preparation and in vitro antiproliferative activity of phthalimide based ketones on MDAMB-231 and SKHep-1 human carcinoma cell lines. *European Journal of Medicinal Chemistry*, **2009**, 44, 2736-40	6.8	31
212	Digital ink-jet printing for chitosan-treated cotton fabric. *Fibers and Polymers*, **2005**, 6, 229-234	2	30
211	Low Stress Mechanical Properties of Plasma-Treated Cotton Fabric Subjected to Zinc Oxide-Anti-Microbial Treatment. *Materials*, **2013**, 6, 314-333	3.5	29
210	A study of plasma-induced ozone treatment on the colour fading of dyed cotton. *Journal of Cleaner Production*, **2016**, 112, 3514-3524	10.3	28
209	Plasma-enhanced regenerable 5,5-dimethylhydantoin (DMH) antibacterial finishing for cotton fabric. *Applied Surface Science*, **2015**, 328, 410-417	6.7	28
208	Textile dyes and human health: a systematic and citation network analysis review. *Coloration Technology*, **2018**, 134, 245-257	2	27
207	Light-emitting dyes derived from bifunctional chromophores of diarylamine and oxadiazole: Synthesis, crystal structure, photophysics and electroluminescence. *Dyes and Pigments*, **2011**, 88, 333-343	4.6	27
206	Fabric objective measurement of the plasma-treated cotton fabric subjected to wrinkle-resistant finishing with BTCA and TiO2 system. *Fibers and Polymers*, **2011**, 12, 626-634	2	27
205	Effect of titanium dioxide on the flame-retardant finishing of cotton fabric. *Journal of Applied Polymer Science*, **2011**, 121, 267-278	2.9	27
204	In vitro drug release and percutaneous behavior of poloxamer-based hydrogel formulation containing traditional Chinese medicine. *Colloids and Surfaces B: Biointerfaces*, **2016**, 148, 526-532	6	27
203	The preparation of 2,6-disubstituted pyridinyl phosphine oxides as novel anti-cancer agents. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 2266-9	2.9	26
202	Hydrophobic Coatings on Cotton Obtained by in Situ Plasma Polymerization of a Fluorinated Monomer in Ethanol Solutions. *ACS Applied Materials & Interfaces*, **2017**, 9, 5513-5521	9.5	24
201	Photoactive cotton fabric for UV protection and self-cleaning.. *RSC Advances*, **2019**, 9, 18106-18114	3.7	24

200	Visible-Light-Driven, Dye-Sensitized TiO2 Photo-Catalyst for Self-Cleaning Cotton Fabrics. *Coatings*, **2017**, 7, 192	2.9	24
199	Dyeing behavior of low temperature plasma treated wool. *Fibers and Polymers*, **2006**, 7, 262-269	2	24
198	Evaluation of some of the properties of plasma treated wool fabric. *Journal of Applied Polymer Science*, **2006**, 102, 5958-5964	2.9	24
197	Parametric Study of Effects of Atmospheric Pressure Plasma Treatment on the Wettability of Cotton Fabric. *Polymers*, **2018**, 10,	4.5	24
196	Preparation and characterization of chitosan/sodium alginate (CSA) microcapsule containing Cortex Moutan. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2013**, 434, 95-101	5.1	23
195	Optimizing color fading effect of cotton denim fabric by enzyme treatment. *Journal of Applied Polymer Science*, **2011**, 120, 3596-3603	2.9	22
194	Artificial neural network approach for predicting colour properties of laser-treated denim fabrics. *Fibers and Polymers*, **2014**, 15, 1330-1336	2	21
193	Computer Color Matching and Levelness of PEG-Based Reverse Micellar Decamethyl cyclopentasiloxane (D5) Solvent-Assisted Reactive Dyeing on Cotton Fiber. *Applied Sciences (Switzerland)*, **2017**, 7, 682	2.6	21
192	Surface characterization of sputter silver-coated polyester fiber. *Fibers and Polymers*, **2011**, 12, 616-619	2	21
191	Chemical silver plating on polyester/cotton blended fabric. *Journal of Applied Polymer Science*, **2006**, 100, 4383-4387	2.9	21
190	Environmentally friendly aspects in coloration. *Coloration Technology*, **2016**, 132, 4-8	2	21
189	The effect of plasma treatment on the dyeing properties of silk fabric. *Coloration Technology*, **2016**, 132, 9-16	2	21
188	Psychophysical Measurement of Wet and Clingy Sensation of Fabrics by the Volar Forearm Test. *Journal of Sensory Studies*, **2015**, 30, 329-347	2.2	20
187	Influence of knitted fabric construction on the ultraviolet protection factor of greige and bleached cotton fabrics. *Textile Reseach Journal*, **2013**, 83, 683-699	1.7	20
186	Enhancing textile ink-jet printing with chitosan. *Coloration Technology*, **2007**, 123, 267-270	2	20
185	Effect of softener and wetting agent on improving the flammability, comfort, and mechanical properties of flame-retardant finished cotton fabric. *Cellulose*, **2017**, 24, 2619-2634	5.5	19
184	Studies on quinoline type dyes and their characterisation studies on acrylic fabric. *Coloration Technology*, **2012**, 128, 192-198	2	19
183	Effect of CO2 laser treatment on cotton surface. *Cellulose*, **2011**, 18, 1635-1641	5.5	19

182	Enhanced Transdermal Permeability via Constructing the Porous Structure of Poloxamer-Based Hydrogel. *Polymers*, **2016**, 8,	4.5	19
181	Characterizing the transplanar and in-plane water transport of textiles with gravimetric and image analysis technique: Spontaneous Uptake Water Transport Tester. *Scientific Reports*, **2015**, 5, 9689	4.9	17
180	Inducing hydrophobic surface on polyurethane synthetic leather by atmospheric pressure plasma. *Fibers and Polymers*, **2014**, 15, 1596-1600	2	16
179	Preparation and characterisation of chitosan microcapsules loaded with Cortex Moutan. *International Journal of Biological Macromolecules*, **2013**, 55, 32-8	7.9	16
178	Effect of reverse micelle-encapsulated reactive dyes agglomeration in dyeing properties of cotton. *Dyes and Pigments*, **2019**, 161, 51-57	4.6	16
177	Influence of pH-responsive compounds synthesized from chitosan and hyaluronic acid on dual-responsive (pH/temperature) hydrogel drug delivery systems of Cortex Moutan. *International Journal of Biological Macromolecules*, **2021**, 168, 163-174	7.9	16
176	The effect of plasma treatment on water absorption properties of silk fabrics. *Fibers and Polymers*, **2015**, 16, 1705-1714	2	15
175	Dyeing Properties of Cotton with Reactive Dye in Nonane Nonaqueous Reverse Micelle System. *ACS Omega*, **2018**, 3, 2812-2819	3.9	15
174	Effect of biopolishing and UV absorber treatment on the UV protection properties of cotton knitted fabrics. *Carbohydrate Polymers*, **2014**, 101, 451-6	10.3	15
173	Hydrophilic□leophobic coatings on cellulosic materials by plasma assisted polymerization in liquid phase and fluorosurfactant complexation. *Cellulose*, **2014**, 21, 729-739	5.5	15
172	Effective Photodegradation of Methyl Orange Using Fluidized Bed Reactor Loaded with Cross-Linked Chitosan Embedded Nano-CdS Photocatalyst. *International Journal of Chemical Engineering*, **2014**, 2014, 1-16	2.2	15
171	Effect of CO2 laser irradiation on the properties of cotton fabric. *Textile Reseach Journal*, **2012**, 82, 1220-1234	1.7	15
170	Dyeing cotton with reactive dyes: a comparison between conventional water-based and solvent-assisted PEG-based reverse micellar dyeing systems. *Cellulose*, **2019**, 26, 1399-1408	5.5	15
169	The Effect of Stretching on Ultraviolet Protection of Cotton and Cotton/Coolmax-Blended Weft Knitted Fabric in a Dry State. *Materials*, **2013**, 6, 4985-4999	3.5	14
168	Plasma Pretreatment for Polymer Deposition□mproving Antifelting Properties of Wool. *IEEE Transactions on Plasma Science*, **2010**, 38, 1505-1511	1.3	14
167	A comparative study of wool fibre surface modified by physical and chemical methods. *Fibers and Polymers*, **2009**, 10, 681-686	2	14
166	Characterization of nanoscale wool particles. *Journal of Applied Polymer Science*, **2007**, 104, 803-808	2.9	14
165	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. *Fibers and Polymers*, **2018**, 19, 894-904	2	14

164	Effect of plasma pretreatment on enhancing wrinkle resistant property of cotton fiber treated with BTCA and TiO2 System. *Journal of Applied Polymer Science*, **2012**, 124, 3341-3347	2.9	13
163	Octane-Assisted Reverse Micellar Dyeing of Cotton with Reactive Dyes. *Polymers*, **2017**, 9,	4.5	13
162	Regenerable Antibacterial Cotton Fabric by Plasma Treatment with Dimethylhydantoin: Antibacterial Activity against S. aureus. *Coatings*, **2017**, 7, 11	2.9	13
161	Influence of Plasma Gas on the Quality-Related Properties of Wool Fabric. *IEEE Transactions on Plasma Science*, **2009**, 37, 653-658	1.3	13
160	Changes in surface morphology of Tencel fabric during the fibrillation process. *Journal of the Textile Institute*, **2006**, 97, 241-246	1.5	13
159	Assessing the accumulated stickiness magnitude from fabric-skin friction: effect of wetness level of various fabrics. *Royal Society Open Science*, **2018**, 5, 180860	3.3	13
158	A study of PEG-based reverse micellar dyeing of cotton fabric: reactive dyes with different reactive groups. *Cellulose*, **2019**, 26, 4159-4173	5.5	12
157	Polyester metallisation with electroless silver plating process. *Fibers and Polymers*, **2013**, 14, 82-88	2	12
156	An analysis of some physical and chemical properties of CO2 laser-treated cotton-based fabrics. *Cellulose*, **2017**, 24, 363-381	5.5	12
155	A study on ultraviolet protection of 100% cotton knitted fabric: effect of fabric parameters. *Scientific World Journal, The*, **2014**, 2014, 506049	2.2	12
154	Objective measurement of hand properties of plasma pre-treated cotton fabrics subjected to flame-retardant finishing catalyzed by zinc oxide. *Fibers and Polymers*, **2014**, 15, 1880-1886	2	12
153	Effect of enzymatic treatment and reactive dyeing on the low stress mechanical properties of linen fabric. *Fibers and Polymers*, **2009**, 10, 325-332	2	12
152	Effect of enzyme treatment and dyeing on the mechanical properties of linen. *Coloration Technology*, **2009**, 125, 269-276	2	12
151	Development of Calendula Oil/Chitosan Microcapsules and their Biological Safety Evaluation. *Australian Journal of Chemistry*, **2012**, 65, 72	1.2	12
150	Effects of laser irradiation on polyester textile properties. *Journal of Applied Polymer Science*, **2008**, 107, 1584-1589	2.9	12
149	The use of plasma pre-treatment for enhancing the performance of textile ink-jet printing. *Journal of Adhesion Science and Technology*, **2007**, 21, 911-921	2	12
148	Ultraviolet protection of weft-knitted fabrics. *Textile Progress*, **2016**, 48, 1-54	2.9	12
147	Preparation and Characterization of Electrospun PAN/PSA Carbonized Nanofibers: Experiment and Simulation Study. *Nanomaterials*, **2018**, 8,	5.4	12

146	An investigation of color fading of sulfur-dyed cotton fabric by plasma treatment. *Fibers and Polymers*, **2017**, 18, 767-772	2	11
145	Biosorption Performance of Encapsulated Candida krusei for the removal of Copper(II). *Scientific Reports*, **2017**, 7, 2159	4.9	11
144	Relationship Between Physical and Low-stress Mechanical Properties to Fabric Hand of Woollen Fabric with Fusible Interlinings. *Fibers and Polymers*, **2018**, 19, 230-237	2	11
143	Plasma treatment applied in the pad-dry-cure process for making rechargeable antimicrobial cotton fabric that inhibits S. Aureus. *Textile Reseach Journal*, **2016**, 86, 2202-2215	1.7	11
142	A study of metal oxide on antimicrobial effect of plasma pre-treated cotton fabric. *Fibers and Polymers*, **2013**, 14, 52-58	2	11
141	Flammability, comfort and mechanical properties of a novel fabric structure: plant-structured fabric. *Cellulose*, **2017**, 24, 4017-4031	5.5	11
140	Parametric study of CF4-plasma on the hydrophobicity of polyester synthetic leather. *Fibers and Polymers*, **2013**, 14, 1608-1613	2	11
139	Effect of Nature of Gas on Some Surface Physico-Chemical Properties of Plasma-Treated Wool Fiber. *Journal of Adhesion Science and Technology*, **2010**, 24, 99-111	2	11
138	Influence of low-temperature plasma on the ink-jet-printed cotton fabric. *Journal of Applied Polymer Science*, **2007**, 104, 3214-3219	2.9	11
137	Effect of low temperature plasma treatment on the electroless nickel plating of polyester fabric. *Journal of Applied Polymer Science*, **2007**, 105, 2046-2053	2.9	11
136	Evaluation of keratin fibre damages. *Fibers and Polymers*, **2007**, 8, 414-420	2	11
135	A study of the oxygen plasma treatment on the serviceability of a wool fabric. *Fibers and Polymers*, **2004**, 5, 213-218	2	11
134	Microscopic study of the surface morphology of CO2 laser-treated cotton and cotton/polyester blended fabric. *Textile Reseach Journal*, **2017**, 87, 1107-1120	1.7	10
133	Doing textiles experiments in game-based virtual reality. *International Journal of Information and Learning Technology*, **2017**, 34, 242-258	1.9	10
132	Non-aqueous dyeing of cotton fibre with reactive dyes: A review. *Coloration Technology*, **2020**, 136, 214-223	2	10
131	Effect of softeners and crosslinking conditions on the performance of easy-care cotton fabrics with different weave constructions. *Fibers and Polymers*, **2013**, 14, 822-831	2	10
130	Comparative study of cellulase treatment on low stress mechanical properties of cotton denim fabric made by torque-free ring spun yarn. *Fibers and Polymers*, **2013**, 14, 669-675	2	10
129	Effect of plasma pretreatment on the wrinkle-resistance properties of cotton fibers treated with a 1,2,3,4-butanetetracarboxylic acid–sodium hypophosulfite system with titanium dioxide as a cocatalyst. *Journal of Applied Polymer Science*, **2011**, 120, 1403-1410	2.9	10

128	Development of miconazole nitrate containing chitosan microcapsules and their anti-Aspergillus niger activity. *Journal of Microencapsulation*, **2012**, 29, 505-10	3.4	10
127	Optimum condition of ink-jet printing for wool fabric. *Fibers and Polymers*, **2010**, 11, 229-233	2	10
126	A study of laser treatment on polyester substrates. *Fibers and Polymers*, **2008**, 9, 166-170	2	10
125	Influence of water hardness on acid dyeing with silk. *Fibers and Polymers*, **2008**, 9, 317-322	2	10
124	Low-temperature plasma treatment of Tencel. *Journal of the Textile Institute*, **2006**, 97, 533-540	1.5	10
123	Review on Fabrication of Structurally Colored Fibers by Electrospinning. *Fibers*, **2018**, 6, 70	3.7	10
122	Reactive Blue-25 dye/TiO2 coated cotton fabrics with self-cleaning and UV blocking properties. *Cellulose*, **2019**, 26, 2821-2832	5.5	9
121	An Artificial Neural Network Model for Prediction of Colour Properties of Knitted Fabrics Induced by Laser Engraving. *Neural Processing Letters*, **2016**, 44, 639-650	2.4	9
120	. *IEEE Access*, **2018**, 6, 24777-24792	3.5	9
119	Effect of CO□Laser Treatment on the Fabric Hand of Cotton and Cotton/Polyester Blended Fabric. *Polymers*, **2017**, 9,	4.5	9
118	Comparative study of colour yield of cotton knitted fabric made by torque-free ring-spun yarns. *Coloration Technology*, **2010**, 126, 18-23	2	9
117	Influence of enzymatic treatment on the properties of linen. *Journal of Applied Polymer Science*, **2007**, 104, 286-289	2.9	9
116	Use of a biomaterial as a thickener for textile ink-jet printing. *Journal of Applied Polymer Science*, **2008**, 107, 1057-1065	2.9	9
115	Improving wrinkle resistance of cotton fabric by montmorillonite. *Fibers and Polymers*, **2006**, 7, 139-145	2	9
114	Relationship between curing temperature and low stress mechanical properties of titanium dioxide catalyzed flame retardant finished cotton fabric. *Fibers and Polymers*, **2016**, 17, 380-388	2	9
113	Effect of graphene oxide inclusion on the optical reflection of a silica photonic crystal film.. *RSC Advances*, **2018**, 8, 16593-16602	3.7	9
112	Optimizing rechargeable antimicrobial performance of cotton fabric coated with 5,5-dimethylhydantoin (DMH). *Cellulose*, **2015**, 22, 879-886	5.5	8
111	Orthogonal analysis for rechargeable antimicrobial finishing of plasma pretreated cotton. *Cellulose*, **2015**, 22, 3465-3475	5.5	8

110	Comparison of computer colour matching of water-based and solvent-based reverse micellar dyeing of cotton fibre. *Coloration Technology*, **2018**, 134, 258-265	2	8
109	Atmospheric Pressure Plasma Treatment for Grey Cotton Knitted Fabric. *Polymers*, **2018**, 10,	4.5	8
108	Study on the Relationship between UV Protectionand Knitted Fabric Structure. *Journal of Textile Engineering*, **2013**, 59, 71-74	0.3	8
107	A study of physical modification on grey cotton by laser irradiation. *Fibers and Polymers*, **2011**, 12, 275-280	2	8
106	Influence of low temperature plasma treatment on the properties of ink-jet printed cotton fabric. *Fibers and Polymers*, **2007**, 8, 168-173	2	8
105	Factors Affecting the Color Yield of an Ink-Jet Printed Cotton Fabric. *Textile Reseach Journal*, **2005**, 75, 319-325	1.7	8
104	Magnitude Estimation Approach for Assessing Stickiness Sensation Perceived in Wet Fabrics. *Fibers and Polymers*, **2018**, 19, 2418-2430	2	8
103	Surface Characterisation of Atmospheric Pressure Plasma Treated Cotton Fabric-Effect of Operation Parameters. *Polymers*, **2018**, 10,	4.5	8
102	Effect of the CO2 laser treatment on properties of 100% cotton knitted fabrics. *Cellulose*, **2017**, 24, 1915-1926	5.1	7
101	A Review of Chitosan Textile Applications. *AATCC Journal of Research*, **2019**, 6, 8-14	1	7
100	A Parameter Study of the Effect of a Plasma-Induced Ozone Colour-Fading Process on Sulphur-Dyed Cotton Fabric. *Processes*, **2018**, 6, 81	2.9	7
99	Comparison of test methods for measuring water absorption and transport test methods of fabrics. *Measurement: Journal of the International Measurement Confederation*, **2017**, 97, 126-137	4.6	7
98	A two-bath method for digital ink-jet printing of cotton fabric with chitosan. *Fibers and Polymers*, **2007**, 8, 625-628	2	7
97	Property Comparison of Woollen Fabrics with Fusible and Printable Interlinings. *Fibers and Polymers* , **2018**, 19, 987-996	2	7
96	Effect of direct dyes on the UV protection property of 100% cotton knitted fabric. *Fibers and Polymers*, **2015**, 16, 1262-1268	2	6
95	Constant Temperature Drying Rate Tester: Real-Time Water Evaporation Measurement of Fabrics. *IEEE Transactions on Instrumentation and Measurement*, **2018**, 67, 2635-2648	5.2	6
94	Reverse Micellar Dyeing of Cotton Fiber with Reactive Dyes: A Study of the Effect of Water pH and Hardness. *ACS Omega*, **2019**, 4, 11808-11814	3.9	6
93	A Study of Paper Towel Hand Properties. *AATCC Review*, **2015**, 15, 38-47	1.3	6

92	Effect of Stretching on Ultraviolet Protection of Cotton and Cotton/Coolmax Blended Weft Knitted Fabric in a Wet State. *Materials*, **2013**, 7, 58-74	3.5	6
91	Colour Properties of Plasma-Induced Ozone Fading of Cotton Fabric. *Advanced Materials Research*, **2013**, 811, 3-8	0.5	6
90	Effect of Plasma-Induced Ozone Treatment on the Colour Yield of Textile Fabric. *Applied Mechanics and Materials*, **2013**, 378, 131-134	0.3	6
89	Modification of wrinkle resistance of cotton fabric. *Journal of Applied Polymer Science*, **2006**, 99, 3700-3707	2.7	6
88	The Relationship between Ultraviolet Protection Factor and Fibre Content. *Journal of Textile Engineering*, **2013**, 59, 83-86	0.3	6
87	Atmospheric Pressure Plasma Surface Treatment of Rayon Flock Synthetic Leather with Tetramethylsilane. *Applied Sciences (Switzerland)*, **2016**, 6, 59	2.6	6
86	Impacts of yarn twist and staple length on UV protection of plain-knitted cotton fabrics. *Journal of the Textile Institute*, **2016**, 107, 1533-1542	1.5	6
85	A Review of Fusible Interlinings Usage in Garment Manufacture. *Polymers*, **2018**, 10,	4.5	6
84	Effect of plasma treatment on the hydrophobicity of imitation leather with 100% polyurethane surface. *Fibers and Polymers*, **2015**, 16, 702-704	2	5
83	Pigment Dyeing of Atmospheric Pressure Plasma-Treated Cotton Fabric. *Applied Sciences (Switzerland)*, **2018**, 8, 552	2.6	5
82	Dyeing behavior of laser-treated polyester. *Fibers and Polymers*, **2013**, 14, 230-235	2	5
81	A study on ultraviolet protection properties of 100% cotton knit fabric: effect of fabric structure. *Journal of the Textile Institute*, **2015**, 106, 648-654	1.5	5
80	Effect of heat setting parameters on some properties of PLA knitted fabric. *Fibers and Polymers*, **2013**, 14, 1347-1353	2	5
79	Study of the cytotoxicity of reactive dyeing effluent treated by Fenton oxidation. *Coloration Technology*, **2013**, 129, 398-402	2	5
78	Influence of Low Temperature Plasma Treatment on the Properties of Tencel and Viscose Rayon Fibers. *IEEE Transactions on Plasma Science*, **2009**, 37, 1615-1619	1.3	5
77	A study of the properties of ink-jet printed cotton fabric following low-temperature plasma treatment. *Coloration Technology*, **2007**, 123, 96-100	2	5
76	The effect of cellulase treatment on hydrolysis of linen. *Fibers and Polymers*, **2006**, 7, 241-244	2	5
75	An eco-friendly dyeing method: bromophenol blue (BPB) applied for dyeing cotton fabrics coated with cationic finishing agents. *Cellulose*, **2020**, 27, 9045-9059	5.5	5

74	Effect of laser treatment on pigment printing on denim fabric: low stress mechanical properties. *Cellulose*, **2020**, 27, 10385-10405	5.5	5
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