

Joanne Yip

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.

110
papers

1,735
citations

20
h-index

37
g-index

121
ext. papers

2,046
ext. citations

3.3
avg, IF

5.02
L-index

#	Paper	IF	Citations
110	Graphene nucleation on transition metal surface: structure transformation and role of the metal step edge. <i>Journal of the American Chemical Society</i> , 2011 , 133, 5009-15	16.4	273
109	Study of three-dimensional spacer fabrics:: Physical and mechanical properties. <i>Journal of Materials Processing Technology</i> , 2008 , 206, 359-364	5.3	110
108	Low temperature plasma-treated nylon fabrics. <i>Journal of Materials Processing Technology</i> , 2002 , 123, 5-12	5.3	110
107	Comparative study of liquefaction process and liquefied products from bamboo using different organic solvents. <i>Bioresource Technology</i> , 2009 , 100, 6674-8	11	102
106	How does visual merchandising affect consumer affective response?. <i>European Journal of Marketing</i> , 2012 , 46, 112-133	4.4	65
105	Characterization of metallic textiles deposited by magnetron sputtering and traditional metallic treatments. <i>Surface and Coatings Technology</i> , 2009 , 204, 380-385	4.4	56
104	Application of the BoxBehnken design to the optimization of process parameters in foam cup molding. <i>Expert Systems With Applications</i> , 2012 , 39, 8059-8065	7.8	51
103	Improving quality of teaching and learning in classes by using augmented reality video. <i>Computers and Education</i> , 2019 , 128, 88-101	9.5	49
102	Chitosan microcapsules loaded with either miconazole nitrate or clotrimazole, prepared via emulsion technique. <i>Carbohydrate Polymers</i> , 2012 , 89, 795-801	10.3	38
101	Investigation of antifungal and antibacterial effects of fabric padded with highly stable selenium nanoparticles. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	37
100	Study of three-dimensional spacer fabrics: Molding properties for intimate apparel application. <i>Journal of Materials Processing Technology</i> , 2009 , 209, 58-62	5.3	34
99	2D and 3D anatomical analyses of hand dimensions for custom-made gloves. <i>Applied Ergonomics</i> , 2013 , 44, 381-92	4.2	33
98	Reusable Face Masks as Alternative for Disposable Medical Masks: Factors that Affect their Wear-Comfort. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	33
97	Mechanism of Transition-Metal Nanoparticle Catalytic Graphene Cutting. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 1192-7	6.4	31
96	Study on the surface chemical properties of UV excimer laser irradiated polyamide by XPS, ToF-SIMS and CFM. <i>Applied Surface Science</i> , 2003 , 205, 151-159	6.7	30
95	A Comprehensive Study on Adsorption Behaviour of Direct, Reactive and Acid Dyes on Crosslinked and Non-crosslinked Chitosan Beads. <i>Journal of Fiber Bioengineering and Informatics</i> , 2014 , 7, 35-52	2	29
94	Study of physico-chemical surface treatments on dyeing properties of polyamides. Part 1: Effect of tetrafluoromethane low temperature plasma. <i>Coloration Technology</i> , 2002 , 118, 26-30	2	27

93	Tunable carbon nanotube ionic polymer actuators that are operable in dry conditions. <i>Sensors and Actuators B: Chemical</i> , 2012 , 162, 76-81	8.5	24
92	Exploring use of warp-knitted spacer fabric as a substitute for the absorbent layer for advanced wound dressing. <i>Textile Research Journal</i> , 2015 , 85, 1258-1268	1.7	22
91	Evaluation of Myoelectric Activity of Paraspinal Muscles in Adolescents with Idiopathic Scoliosis during Habitual Standing and Sitting. <i>BioMed Research International</i> , 2015 , 2015, 958450	3	21
90	Study of physico-chemical surface treatments on dyeing properties of polyamides. Part 2: Effect of UV excimer laser irradiation. <i>Coloration Technology</i> , 2002 , 118, 31-34	2	18
89	Case study on the effects of fit and material of sports gloves on hand performance. <i>Applied Ergonomics</i> , 2019 , 75, 17-26	4.2	18
88	Development of phyllanthin containing microcapsules and their improved biological activity towards skin cells and <i>Staphylococcus aureus</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 468-479	7.9	16
87	Scoliosis brace design: influence of visual aesthetics on user acceptance and compliance. <i>Ergonomics</i> , 2017 , 60, 876-886	2.9	16
86	New methods for evaluating physical and thermal comfort properties of orthotic materials used in insoles for patients with diabetes. <i>Journal of Rehabilitation Research and Development</i> , 2014 , 51, 311-24		16
85	Influence of appearance orientation, BI and purchase intention on customer expectations of service quality in Hong Kong intimate apparel retailing. <i>Total Quality Management and Business Excellence</i> , 2011 , 22, 1105-1118	2.7	16
84	Comprehensive study of polymer fiber surface modifications Part 2: low-temperature oxygen-plasma treatment. <i>Polymer International</i> , 2004 , 53, 634-639	3.3	16
83	Parametric design and process parameter optimization for bra cup molding via response surface methodology. <i>Expert Systems With Applications</i> , 2012 , 39, 162-171	7.8	15
82	Prediction of fabric tension and pressure decay for the development of pressure therapy gloves. <i>Textile Research Journal</i> , 2013 , 83, 269-287	1.7	15
81	Comprehensive study of polymer fiber surface modifications Part 1: high-fluence UV-excimer-laser-induced structures. <i>Polymer International</i> , 2004 , 53, 627-633	3.3	15
80	Formation of periodic structures by surface treatments of polyamide fiber. <i>Applied Surface Science</i> , 2006 , 253, 2493-2497	6.7	14
79	Characterization and Actuation of Ionic Polymer Metal Composites with Various Thicknesses and Lengths. <i>Polymers</i> , 2019 , 11,	4.5	13
78	Tunable electronic and optical properties of monolayer silicane under tensile strain: a many-body study. <i>Journal of Chemical Physics</i> , 2014 , 141, 064707	3.9	13
77	Experimentally validated improvement of IPMC performance through alternation of pretreatment and electroless plating processes. <i>Smart Materials and Structures</i> , 2011 , 20, 015009	3.4	13
76	Study of thermal/mechanical properties of polyurethane foam and the three-dimensional shape of molded bra cups. <i>Journal of Materials Processing Technology</i> , 2010 , 210, 116-121	5.3	13

75	Study of plasma-etched and laser-irradiated polyamide materials. <i>Materials Research Innovations</i> , 2002 , 6, 44-50	1.9	13
74	Numerical simulation of pressure therapy glove by using Finite Element Method. <i>Burns</i> , 2016 , 42, 141-151	3	12
73	Biosorption Performance of Encapsulated <i>Candida krusei</i> for the removal of Copper(II). <i>Scientific Reports</i> , 2017 , 7, 2159	4.9	11
72	Postural Screening for Adolescent Idiopathic Scoliosis with Infrared Thermography. <i>Scientific Reports</i> , 2017 , 7, 14431	4.9	11
71	The biomechanical effects and perceived comfort of textile-fabricated insoles during straight line walking. <i>Prosthetics and Orthotics International</i> , 2018 , 42, 153-162	1.5	10
70	Orthopaedic textile inserts for pressure treatment of hypertrophic scars. <i>Textile Research Journal</i> , 2016 , 86, 1549-1562	1.7	10
69	Evaluating aesthetic experience through personal-appearance styles: a behavioral and electrophysiological study. <i>PLoS ONE</i> , 2014 , 9, e115112	3.7	10
68	Development of miconazole nitrate containing chitosan microcapsules and their anti- <i>Aspergillus niger</i> activity. <i>Journal of Microencapsulation</i> , 2012 , 29, 505-10	3.4	10
67	Microencapsulation technologies for antimicrobial textiles 2016 , 19-46		10
66	Emotional Responses to Visual Art and Commercial Stimuli: Implications for Creativity and Aesthetics. <i>Frontiers in Psychology</i> , 2019 , 10, 14	3.4	9
65	Influence of Textured Indoor Footwear on Posture Stability of Older Women Based on Center-of-Pressure Measurements. <i>Human Factors</i> , 2019 , 61, 1247-1260	3.8	8
64	Development of Durable Antibacterial Textile Fabrics for Potential Application in Healthcare Environment. <i>Coatings</i> , 2020 , 10, 520	2.9	8
63	Effects of custom-made textile insoles on plantar pressure distribution and lower limb EMG activity during turning. <i>Journal of Foot and Ankle Research</i> , 2016 , 9, 22	3.2	8
62	Microcurrent stimulation at shenmen acupoint facilitates EEG associated with sleepiness and positive mood: a randomized controlled electrophysiological study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 182837	2.3	8
61	Mechanical and Clinical Evaluation of a Shape Memory Alloy and Conventional Struts in a Flexible Scoliotic Brace. <i>Annals of Biomedical Engineering</i> , 2018 , 46, 1194-1205	4.7	7
60	Profiling Chinese Hong Kong consumers' attitudes on the atmospheric management strategies adopted by intimate apparel retailers. <i>Journal of the Textile Institute</i> , 2010 , 101, 173-181	1.5	7
59	Addressing COVID-19 Spread: Development of Reliable Testing System for Mask Reuse. <i>Aerosol and Air Quality Research</i> , 2020 , 20, 2309-2317	4.6	7
58	Effects of indoor slippers on plantar pressure and lower limb EMG activity in older women. <i>Applied Ergonomics</i> , 2016 , 56, 153-9	4.2	7

57	Colour Properties of Plasma-Induced Ozone Fading of Cotton Fabric. <i>Advanced Materials Research</i> , 2013 , 811, 3-8	0.5	6
56	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
55	Intimate apparel with special functions 2006 , 171-195		6
54	Formation of periodic structures by surface treatments of polyamide fiber: Part I. UV excimer laser irradiation. <i>Applied Surface Science</i> , 2006 , 253, 2637-2643	6.7	6
53	Surface Modification of Polyamides Materials with Low Temperature Plasma. <i>Research Journal of Textile and Apparel</i> , 2001 , 5, 10-18	1.1	6
52	An Ergonomic Flexible Girdle Design for Preteen and Teenage Girls with Early Scoliosis. <i>Journal of Fiber Bioengineering and Informatics</i> , 2014 , 7, 233-246	2	6
51	Numerical simulation of nonlinear material behaviour: Application to sports bra design. <i>Materials and Design</i> , 2019 , 183, 108177	8.1	5
50	The effect of support surface and footwear condition on postural sway and lower limb muscle action of the older women. <i>PLoS ONE</i> , 2020 , 15, e0234140	3.7	5
49	Treatment of interdigital-type tinea pedis with a 2-week regimen of wearing hygienic socks loaded with antifungal microcapsules: a randomized, double-blind, placebo-controlled study. <i>Journal of the American Academy of Dermatology</i> , 2013 , 69, 495-6	4.5	5
48	The effect of pressure and fabrication of pressure therapy gloves on hand sensitivity and dexterity. <i>Journal of Burn Care and Research</i> , 2015 , 36, e162-75	0.8	5
47	Comprehensive study of pulsed UV-laser modified polyamide fibers. <i>Materials Research Innovations</i> , 2003 , 7, 302-307	1.9	5
46	An understanding of bra design features to improve bra fit and design for older Chinese women. <i>Textile Reseach Journal</i> , 2021 , 91, 406-420	1.7	5
45	The Effect of Pressure Glove Tightness on Forearm Muscle Activity and Psychophysical Responses. <i>Human Factors</i> , 2015 , 57, 988-1001	3.8	4
44	Effects of different heel angles in sleep mode on heel interface pressure in the elderly. <i>Clinical Biomechanics</i> , 2016 , 32, 229-35	2.2	4
43	An evaluation of the three-dimensional geometric shape of moulded bra cups. <i>Fibers and Polymers</i> , 2011 , 12, 556-563	2	4
42	A novel 3D evaluation method for assessing bone to bone relationships in clubfoot. <i>European Review for Medical and Pharmacological Sciences</i> , 2019 , 23, 1882-1890	2.9	4
41	Numerical Simulation of Orthotic Insole Deformation for Diabetic Foot. <i>Journal of Fiber Bioengineering and Informatics</i> , 2015 , 8, 401-411	2	4
40	Investigation of Microclimate in Sports Shoes with the Integration of Human Subjective Sensations. <i>Key Engineering Materials</i> , 2018 , 765, 140-146	0.4	4

39	The excitonic effects in single and double-walled boron nitride nanotubes. <i>Journal of Chemical Physics</i> , 2014 , 140, 244701	3.9	3
38	Effects of a tailor-made girdle on posture of adolescents with early scoliosis. <i>Textile Research Journal</i> , 2015 , 85, 1234-1246	1.7	3
37	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
36	School scoliosis screening in Hong Kong: trunk asymmetry of girls with scoliosis. <i>MOJ Orthopedics & Rheumatology</i> , 2020 , 12, 7-10	2	3
35	Customized Fabrication Approach for Hypertrophic Scar Treatment: 3D Printed Fabric Silicone Composite. <i>International Journal of Bioprinting</i> , 2020 , 6, 262	6.2	3
34	Advanced textiles for intimate apparel 2016 , 3-23		3
33	Effect of Contacting Surface on the Performance of Thin-Film Force and Pressure Sensors. <i>Sensors</i> , 2020 , 20,	3.8	2
32	Exploring mass customization and textile application in medical products: re-designing scoliosis brace for shorter production lead time and better quality of life. <i>Textile Research Journal</i> , 2020 , 90, 2304-2321	1.7	2
31	Reply to Letter to the Editor: "Effects of Different Heel Angles in Sleep Mode on Heel Interface Pressure in the Elderly". <i>Clinical Biomechanics</i> , 2016 , 33, 32-33	2.2	2
30	Developing a Three-Dimensional (3D) Assessment Method for Clubfoot-A Study Protocol. <i>Frontiers in Physiology</i> , 2017 , 8, 1098	4.6	2
29	Enhancing the process of idea generation in Hong Kong Chinese university students: The Fashion Visual Merchandising experience. <i>Art, Design and Communication in Higher Education</i> , 2013 , 12, 103-121	1	2
28	Customized Fabrication Approach for Hypertrophic Scar Treatment: 3D Printed Fabric Silicone Composite. <i>International Journal of Bioprinting</i> , 2020 , 6,	6.2	2
27	Foot Anthropometric Measurements of Hong Kong Elderly: Implications for Footwear Design. <i>Journal of Fiber Bioengineering and Informatics</i> , 2016 , 9, 133-143	2	2
26	HEALTH-RELATED QUALITY OF LIFE IN ADOLESCENTS WITH MILD SCOLIOSIS		2
25	Impact of postural variation on hand measurements: Three-dimensional anatomical analysis. <i>PLoS ONE</i> , 2021 , 16, e0250428	3.7	2
24	Narrow fabric elastic tapes 2016 , 25-35		2
23	Effects of Slipper Features and Properties on Walking and Sit-to-Stand Tasks of Older Women. <i>Journal of Aging and Physical Activity</i> , 2017 , 25, 587-595	1.6	1
22	Innovative accessories for intimate apparel 2016 , 37-51		1

21	Analysis of Insole Geometry and Deformity by Using a Three-Dimensional Image Processing Technique: A Preliminary Study. <i>Journal of the American Podiatric Medical Association</i> , 2019 , 109, 98-107 ¹	1	1
20	Numerical simulation of foam cup molding process for mold head design. <i>International Journal of Clothing Science and Technology</i> , 2017 , 29, 504-513	0.7	1
19	3D Printing Auxetic Architectures for Hypertrophic Scar Therapy. <i>Macromolecular Materials and Engineering</i> , 2100866	3.9	1
18	Biofeedback Posture Training for Adolescents with Mild Scoliosis.. <i>BioMed Research International</i> , 2022 , 2022, 5918698	3	1
17	Kinect-based 3D assessment for clubfoot deformity 2020 ,		1
16	Innovation of girdles 2006 , 114-131		1
15	Computational modelling methods for sports bra-body interactions. <i>International Journal of Clothing Science and Technology</i> , 2020 , 32, 921-934	0.7	1
14	Analysis of dynamic vertical breast displacement for the design of seamless moulded bras. <i>Journal of the Textile Institute</i> , 1-10	1.5	1
13	A Novel Bespoke Hypertrophic Scar Treatment: Actualizing Hybrid Pressure and Silicone Therapies with 3D Printing and Scanning. <i>International Journal of Bioprinting</i> , 2021 , 7, 327	6.2	1
12	Textile-based fiber optic sensors for health monitoring: A systematic and citation network analysis review. <i>Textile Research Journal</i> , 004051752110362	1.7	1
11	Hallux valgus orthosis characteristics and effectiveness: a systematic review with meta-analysis. <i>BMJ Open</i> , 2021 , 11, e047273	3	1
10	The immediate effects of hallux valgus orthoses: A comparison of orthosis designs. <i>Gait and Posture</i> , 2021 , 90, 283-288	2.6	1
9	Soft manikin as tool to evaluate bra features and pressure. <i>International Journal of Fashion Design, Technology and Education</i> , 2020 , 13, 204-212	1.1	0
8	Evaluation of body geometry and symmetry for adolescent idiopathic scoliosis with 3D body scanning system. <i>Research Journal of Textile and Apparel</i> , 2017 , 21, 276-292	1.1	0
7	Increased Computer Use is Associated with Trunk Asymmetry That Negatively Impacts Health-Related Quality of Life in Early Adolescents. <i>Patient Preference and Adherence</i> , 2021 , 15, 2289-2302 ⁴	2.4	0
6	Design and fabrication of anisotropic textile brace for exerting corrective forces on spinal curvature. <i>Journal of Industrial Textiles</i> , 152808372110326	1.6	0
5	Non-linear finite element model established on pectoralis major muscle to investigate large breast motions of senior women for bra design. <i>Textile Research Journal</i> , 004051752210750	1.7	0
4	Effects of textile-fabricated insole on foot skin temperature and humidity for enhancing footwear thermal comfort. <i>Applied Ergonomics</i> , 2022 , 104, 103803	4.2	0

- 3 A study of using a simple 2D image analysis method to monitor the surface area of hypertrophic scars on hand during pressure therapy. *Burns*, **2020**, 46, 1548-1555 2.3
- 2 Chemical Force Microscopic Study of UV Excimer Laser Irradiated Polyamide. *Materials Research Society Symposia Proceedings*, **2002**, 738, 13161
- 1 Effect of a Functional Garment on Postural Control for Adolescents with Early Scoliosis: A Six-Month Wear Trial Study. *Advances in Intelligent Systems and Computing*, **2016**, 143-154 0.4