

Joanne Yip

List of Publications by Year in descending order

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116
papers

2,390
citations

279487

23
h-index

253896

43
g-index

121
all docs

121
docs citations

121
times ranked

2895
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 5009-5015.	6.6	315
2	Study of three-dimensional spacer fabrics:. <i>Journal of Materials Processing Technology</i> , 2008, 206, 359-364.	3.1	130
3	Low temperature plasma-treated nylon fabrics. <i>Journal of Materials Processing Technology</i> , 2002, 123, 5-12.	3.1	125
4	Comparative study of liquefaction process and liquefied products from bamboo using different organic solvents. <i>Bioresource Technology</i> , 2009, 100, 6674-6678.	4.8	113
5	Improving quality of teaching and learning in classes by using augmented reality video. <i>Computers and Education</i> , 2019, 128, 88-101.	5.1	113
6	How does visual merchandising affect consumer affective response?. <i>European Journal of Marketing</i> , 2012, 46, 112-133.	1.7	88
7	Application of the Boxâ€Behnken design to the optimization of process parameters in foam cup molding. <i>Expert Systems With Applications</i> , 2012, 39, 8059-8065.	4.4	73
8	Characterization of metallic textiles deposited by magnetron sputtering and traditional metallic treatments. <i>Surface and Coatings Technology</i> , 2009, 204, 380-385.	2.2	64
9	Investigation of antifungal and antibacterial effects of fabric padded with highly stable selenium nanoparticles. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	54
10	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, 6623.	1.2	52
11	2D and 3D anatomical analyses of hand dimensions for custom-made gloves. <i>Applied Ergonomics</i> , 2013, 44, 381-392.	1.7	48
12	Chitosan microcapsules loaded with either miconazole nitrate or clotrimazole, prepared via emulsion technique. <i>Carbohydrate Polymers</i> , 2012, 89, 795-801.	5.1	45
13	Study of three-dimensional spacer fabrics: Molding properties for intimate apparel application. <i>Journal of Materials Processing Technology</i> , 2009, 209, 58-62.	3.1	43
14	Scoliosis brace design: influence of visual aesthetics on user acceptance and compliance. <i>Ergonomics</i> , 2017, 60, 876-886.	1.1	36
15	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.	3.1	33
16	Mechanism of Transition-Metal Nanoparticle Catalytic Graphene Cutting. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1192-1197.	2.1	33
17	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.	0.2	33
18	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.	0.7	32

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19	Evaluation of Myoelectric Activity of Paraspinal Muscles in Adolescents with Idiopathic Scoliosis during Habitual Standing and Sitting. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	30
20	Postural Screening for Adolescent Idiopathic Scoliosis with Infrared Thermography. <i>Scientific Reports</i> , 2017, 7, 14431.	1.6	28
21	Tunable carbon nanotube ionic polymer actuators that are operable in dry conditions. <i>Sensors and Actuators B: Chemical</i> , 2012, 162, 76-81.	4.0	27
22	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.	1.1	27
23	Emotional Responses to Visual Art and Commercial Stimuli: Implications for Creativity and Aesthetics. <i>Frontiers in Psychology</i> , 2019, 10, 14.	1.1	27
24	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, 311-324.	1.6	24
25	Case study on the effects of fit and material of sports gloves on hand performance. <i>Applied Ergonomics</i> , 2019, 75, 17-26.	1.7	23
26	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.	0.7	22
27	Development of Durable Antibacterial Textile Fabrics for Potential Application in Healthcare Environment. <i>Coatings</i> , 2020, 10, 520.	1.2	21
28	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.	3.1	20
29	3D Printing Auxetic Architectures for Hypertrophic Scar Therapy. <i>Macromolecular Materials and Engineering</i> , 2022, 307, .	1.7	20
30	Parametric design and process parameter optimization for bra cup molding via response surface methodology. <i>Expert Systems With Applications</i> , 2012, 39, 162-171.	4.4	19
31	Comprehensive study of polymer fiber surface modifications Part 2: low-temperature oxygen-plasma treatment. <i>Polymer International</i> , 2004, 53, 634-639.	1.6	18
32	Numerical simulation of pressure therapy glove by using Finite Element Method. <i>Burns</i> , 2016, 42, 141-151.	1.1	18
33	Study of plasma-etched and laser-irradiated polyamide materials. <i>Materials Research Innovations</i> , 2002, 6, 44-50.	1.0	17
34	Comprehensive study of polymer fiber surface modifications Part 1: high-fluence UV-excimer-laser-induced structures. <i>Polymer International</i> , 2004, 53, 627-633.	1.6	17
35	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.	2.4	17
36	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, 468-471.	1.0	17

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37	Evaluating Aesthetic Experience through Personal-Appearance Styles: A Behavioral and Electrophysiological Study. PLoS ONE, 2014, 9, e115112.	1.1	17
38	Biosorption Performance of Encapsulated <i>Candida krusei</i> for the removal of Copper(II). Scientific Reports, 2017, 7, 2159.	1.6	17
39	Formation of periodic structures by surface treatments of polyamide fiber. Applied Surface Science, 2006, 253, 2493-2497.	3.1	16
40	Experimentally validated improvement of IPMC performance through alternation of pretreatment and electroless plating processes. Smart Materials and Structures, 2011, 20, 015009.	1.8	16
41	Prediction of fabric tension and pressure decay for the development of pressure therapy gloves. Textile Research Journal, 2013, 83, 269-287.	1.1	16
42	Characterization and Actuation of Ionic Polymer Metal Composites with Various Thicknesses and Lengths. Polymers, 2019, 11, 91.	2.0	16
43	Mechanical and Clinical Evaluation of a Shape Memory Alloy and Conventional Struts in a Flexible Scoliotic Brace. Annals of Biomedical Engineering, 2018, 46, 1194-1205.	1.3	15
44	Addressing COVID-19 Spread: Development of Reliable Testing System for Mask Reuse. Aerosol and Air Quality Research, 2020, 20, 2309-2317.	0.9	15
45	Tunable electronic and optical properties of monolayer silicane under tensile strain: A many-body study. Journal of Chemical Physics, 2014, 141, 064707.	1.2	14
46	Microencapsulation technologies for antimicrobial textiles. , 2016, , 19-46.		14
47	Microcurrent Stimulation at Shenmen Acupoint Facilitates EEG Associated with Sleepiness and Positive Mood: A Randomized Controlled Electrophysiological Study. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-11.	0.5	13
48	Influence of Textured Indoor Footwear on Posture Stability of Older Women Based on Center-of-Pressure Measurements. Human Factors, 2019, 61, 1247-1260.	2.1	13
49	The effect of support surface and footwear condition on postural sway and lower limb muscle action of the older women. PLoS ONE, 2020, 15, e0234140.	1.1	13
50	Effects of custom-made textile insoles on plantar pressure distribution and lower limb EMG activity during turning. Journal of Foot and Ankle Research, 2016, 9, 22.	0.7	12
51	The biomechanical effects and perceived comfort of textile-fabricated insoles during straight line walking. Prosthetics and Orthotics International, 2018, 42, 153-162.	0.5	12
52	Orthopaedic textile inserts for pressure treatment of hypertrophic scars. Textile Research Journal, 2016, 86, 1549-1562.	1.1	11
53	Intimate apparel with special functions. , 2006, , 171-195.		10
54	Development of miconazole nitrate containing chitosan microcapsules and their anti- <i>Aspergillus niger</i> activity. Journal of Microencapsulation, 2012, 29, 505-510.	1.2	10

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55	An understanding of bra design features to improve bra fit and design for older Chinese women. <i>Textile Research Journal</i> , 2021, 91, 406-420.	1.1	10
56	Colour Properties of Plasma-Induced Ozone Fading of Cotton Fabric. <i>Advanced Materials Research</i> , 2013, 811, 3-8.	0.3	9
57	Effects of different heel angles in sleep mode on heel interface pressure in the elderly. <i>Clinical Biomechanics</i> , 2016, 32, 229-235.	0.5	9
58	Numerical simulation of nonlinear material behaviour: Application to sports bra design. <i>Materials and Design</i> , 2019, 183, 108177.	3.3	9
59	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.	0.2	9
60	Biofeedback Posture Training for Adolescents with Mild Scoliosis. <i>BioMed Research International</i> , 2022, 2022, 1-8.	0.9	9
61	Surface Modification of Polyamides Materials with Low Temperature Plasma. <i>Research Journal of Textile and Apparel</i> , 2001, 5, 10-18.	0.6	8
62	Comprehensive study of pulsed UV-laser modified polyamide fibers. <i>Materials Research Innovations</i> , 2003, 7, 302-307.	1.0	8
63	Effects of indoor slippers on plantar pressure and lower limb EMG activity in older women. <i>Applied Ergonomics</i> , 2016, 56, 153-159.	1.7	8
64	Hallux valgus orthosis characteristics and effectiveness: a systematic review with meta-analysis. <i>BMJ Open</i> , 2021, 11, e047273.	0.8	8
65	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, Volume 15, 2289-2302.	0.8	8
66	Customized Fabrication Approach for Hypertrophic Scar Treatment: 3D Printed Fabric Silicone Composite. <i>International Journal of Bioprinting</i> , 2020, 6, 262.	1.7	8
67	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.	1.0	7
68	Effect of Plasma-Induced Ozone Treatment on the Colour Yield of Textile Fabric. <i>Applied Mechanics and Materials</i> , 2013, 378, 131-134.	0.2	7
69	Chitosan/Clotrimazole microcapsules for <i>Tinea pedis</i> treatment: <i>in-vitro</i> antifungal and cytotoxicity study. <i>Journal of the Textile Institute</i> , 2015, 106, 641-647.	1.0	7
70	Effect of Contacting Surface on the Performance of Thin-Film Force and Pressure Sensors. <i>Sensors</i> , 2020, 20, 6863.	2.1	7
71	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.	0.5	7
72	Formation of periodic structures by surface treatments of polyamide fiber. <i>Applied Surface Science</i> , 2006, 253, 2637-2643.	3.1	6

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73	An evaluation of the three-dimensional geometric shape of moulded bra cups. <i>Fibers and Polymers</i> , 2011, 12, 556-563.	1.1	6
74	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, 495-496.	0.6	6
75	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.	0.4	6
76	Effects of a tailor-made girdle on posture of adolescents with early scoliosis. <i>Textile Research Journal</i> , 2015, 85, 1234-1246.	1.1	6
77	Investigation of Microclimate in Sports Shoes with the Integration of Human Subjective Sensations. <i>Key Engineering Materials</i> , 2018, 765, 140-146.	0.4	6
78	Developing a Three-Dimensional (3D) Assessment Method for Clubfoot—A Study Protocol. <i>Frontiers in Physiology</i> , 2017, 8, 1098.	1.3	6
79	Numerical Simulation of Orthotic Insole Deformation for Diabetic Foot. <i>Journal of Fiber Bioengineering and Informatics</i> , 2015, 8, 401-411.	0.2	6
80	The excitonic effects in single and double-walled boron nitride nanotubes. <i>Journal of Chemical Physics</i> , 2014, 140, 244701.	1.2	5
81	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-e175.	0.2	5
82	The Effect of Pressure Glove Tightness on Forearm Muscle Activity and Psychophysical Responses. <i>Human Factors</i> , 2015, 57, 988-1001.	2.1	5
83	Impact of postural variation on hand measurements: Three-dimensional anatomical analysis. <i>PLoS ONE</i> , 2021, 16, e0250428.	1.1	5
84	Textile-based fiber optic sensors for health monitoring: A systematic and citation network analysis review. <i>Textile Research Journal</i> , 2022, 92, 2922-2934.	1.1	5
85	Influences of Smartphone and Computer Use on Health-Related Quality of Life of Early Adolescents. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2100.	1.2	5
86	Advanced textiles for intimate apparel. , 2016, , 3-23.		4
87	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.	0.5	4
88	Computational modelling methods for sports bra—body interactions. <i>International Journal of Clothing Science and Technology</i> , 2020, 32, 921-934.	0.5	4
89	The immediate effects of hallux valgus orthoses: A comparison of orthosis designs. <i>Gait and Posture</i> , 2021, 90, 283-288.	0.6	4
90	School scoliosis screening in Hong Kong: trunk asymmetry of girls with scoliosis. <i>MOJ Orthopedics & Rheumatology</i> , 2020, 12, 7-10.	0.2	4

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91	Customized Fabrication Approach for Hypertrophic Scar Treatment: 3D Printed Fabric Silicone Composite. <i>International Journal of Bioprinting</i> , 2020, 6, 262.	1.7	4
92	Electromyographic Analysis of Paraspinal Muscles of Scoliosis Patients Using Machine Learning Approaches. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1177.	1.2	4
93	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.	0.2	3
94	Soft manikin as tool to evaluate bra features and pressure. <i>International Journal of Fashion Design, Technology and Education</i> , 2020, 13, 204-212.	0.9	3
95	A Novel Bespoke Hypertrophic Scar Treatment: Actualizing Hybrid Pressure and Silicone Therapies with 3D Printing and Scanning. <i>International Journal of Bioprinting</i> , 2020, 7, 327.	1.7	3
96	Analysis of dynamic vertical breast displacement for the design of seamless moulded bras. <i>Journal of the Textile Institute</i> , 2022, 113, 637-646.	1.0	3
97	HEALTH-RELATED QUALITY OF LIFE IN ADOLESCENTS WITH MILD SCOLIOSIS. , 0, , .		3
98	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> , 2022, 92, 3511-3521.	1.1	3
99	Effects of textile-fabricated insole on foot skin temperature and humidity for enhancing footwear thermal comfort. <i>Applied Ergonomics</i> , 2022, 104, 103803.	1.7	3
100	Narrow fabric elastic tapes. , 2016, , 25-35.		2
101	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.	0.5	2
102	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.	0.6	2
103	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.	1.1	2
104	Innovation of girdles. , 2006, , 114-131.		2
105	Kinect-based 3D assessment for clubfoot deformity. , 2020, , .		2
106	Foot Anthropometric Measurements of Hong Kong Elderly: Implications for Footwear Design. <i>Journal of Fiber Bioengineering and Informatics</i> , 2016, 9, 133-143.	0.2	2
107	Innovative accessories for intimate apparel. , 2016, , 37-51.		1
108	Numerical simulation of foam cup molding process for mold head design. <i>International Journal of Clothing Science and Technology</i> , 2017, 29, 504-513.	0.5	1

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109	Affective association with and preference for flexible brace colors in older adults with spinal deformities. <i>Color Research and Application</i> , 0, , .	0.8	1
110	Design and fabrication of anisotropic textile brace for exerting corrective forces on spinal curvature. <i>Journal of Industrial Textiles</i> , 0, , 152808372110326.	1.1	1
111	Study of Freeze-dried Chitosan Beads Encapsulating Live Lactic Acid Bacteria for Removal of Reactive Dyes. <i>Journal of Fiber Bioengineering and Informatics</i> , 2015, 8, 13-23.	0.2	1
112	Effect of a Functional Garment on Postural Control for Adolescents with Early Scoliosis: A Six-Month Wear Trial Study. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 143-154.	0.5	1
113	QUALITY OF LIFE AMONG YOUNG FEMALE ADOLESCENTS WITH REGULAR DAILY USE OF ELECTRONIC/VIDEO GAMES IN HONG KONG. , 0, , .		1
114	Chemical Force Microscopic Study of UV Excimer Laser Irradiated Polyamide. <i>Materials Research Society Symposia Proceedings</i> , 2002, 738, 13161.	0.1	0
115	A study of using a simple 2D image analysis method to monitor the surface area of hypertrophic scars on hand during pressure therapy. <i>Burns</i> , 2020, 46, 1548-1555.	1.1	0
116	Study on Factors to Improve Comfort of Stab-Resistant Vests Taking into Account Wearing Pressure and Movement Restriction. <i>Journal of Fiber Bioengineering and Informatics</i> , 2013, 6, 237-251.	0.2	0