

Kit-Lun Yick

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

1,860
citations

430874

18
h-index

276875

41
g-index

92
all docs

92
docs citations

92
times ranked

1552
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and properties of microcapsules and nanocapsules containing n-octadecane. <i>Materials Chemistry and Physics</i> , 2004, 88, 300-307.	4.0	268
2	Crystallization and prevention of supercooling of microencapsulated n-alkanes. <i>Journal of Colloid and Interface Science</i> , 2005, 281, 299-306.	9.4	251
3	Structure and thermal stability of microencapsulated phase-change materials. <i>Colloid and Polymer Science</i> , 2004, 282, 330-336.	2.1	182
4	Improving quality of teaching and learning in classes by using augmented reality video. <i>Computers and Education</i> , 2019, 128, 88-101.	8.3	113
5	Energy storage polymer/MicroPCMs blended chips and thermo-regulated fibers. <i>Journal of Materials Science</i> , 2005, 40, 3729-3734.	3.7	96
6	Structures and Properties of Wet Spun Thermo-Regulated Polyacrylonitrile-Vinylidene Chloride Fibers. <i>Textile Research Journal</i> , 2006, 76, 351-359.	2.2	75
7	Application of the Boxâ€œBehnken design to the optimization of process parameters in foam cup molding. <i>Expert Systems With Applications</i> , 2012, 39, 8059-8065.	7.6	73
8	Expansion space and thermal stability of microencapsulated n-octadecane. <i>Journal of Applied Polymer Science</i> , 2005, 97, 390-396.	2.6	67
9	2D and 3D anatomical analyses of hand dimensions for custom-made gloves. <i>Applied Ergonomics</i> , 2013, 44, 381-392.	3.1	48
10	Scoliosis brace design: influence of visual aesthetics on user acceptance and compliance. <i>Ergonomics</i> , 2017, 60, 876-886.	2.1	36
11	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.	1.9	30
12	Postural Screening for Adolescent Idiopathic Scoliosis with Infrared Thermography. <i>Scientific Reports</i> , 2017, 7, 14431.	3.3	28
13	Tunable carbon nanotube ionic polymer actuators that are operable in dry conditions. <i>Sensors and Actuators B: Chemical</i> , 2012, 162, 76-81.	7.8	27
14	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.	2.2	27
15	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
16	Comparison of Mechanical Properties of Shirting Materials Measured on the KES-F and FAST Instruments. <i>Textile Research Journal</i> , 1996, 66, 622-633.	2.2	23
17	3D bra and human interactive modeling using finite element method for bra design. <i>CAD Computer Aided Design</i> , 2019, 114, 13-27.	2.7	23
18	Subjective and objective evaluation of menâ€™s shirting fabrics. <i>International Journal of Clothing Science and Technology</i> , 1995, 7, 17-29.	1.1	21

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19	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.	6.3	20
20	Validation of a 3D foot scanning system for evaluation of forefoot shape with elevated heels. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017, 99, 134-144.	5.0	20
21	3D Printing Auxetic Architectures for Hypertrophic Scar Therapy. <i>Macromolecular Materials and Engineering</i> , 2022, 307, .	3.6	20
22	Parametric design and process parameter optimization for bra cup molding via response surface methodology. <i>Expert Systems With Applications</i> , 2012, 39, 162-171.	7.6	19
23	Effectiveness of blended learning in the first year of fashion education. <i>International Journal of Fashion Design, Technology and Education</i> , 2019, 12, 178-188.	1.6	19
24	Numerical simulation of pressure therapy glove by using Finite Element Method. <i>Burns</i> , 2016, 42, 141-151.	1.9	18
25	Prediction of fabric tension and pressure decay for the development of pressure therapy gloves. <i>Textile Research Journal</i> , 2013, 83, 269-287.	2.2	16
26	Wire frame representation of 3D moulded bra cup and its application to example-based design. <i>Fibers and Polymers</i> , 2008, 9, 653-658.	2.1	15
27	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.	2.5	15
28	Effects of heel height and high-heel experience on foot stability during quiet standing. <i>Gait and Posture</i> , 2019, 68, 252-257.	1.4	15
29	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.	3.5	13
30	Optimization method for the determination of Mooney-Rivlin material coefficients of the human breasts in-vivo using static and dynamic finite element models. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 90, 615-625.	3.1	13
31	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.	2.5	13
32	The biomechanical effects and perceived comfort of textile-fabricated insoles during straight line walking. <i>Prosthetics and Orthotics International</i> , 2018, 42, 153-162.	1.0	12
33	Orthopaedic textile inserts for pressure treatment of hypertrophic scars. <i>Textile Research Journal</i> , 2016, 86, 1549-1562.	2.2	11
34	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.	2.2	10
35	Effects of different heel angles in sleep mode on heel interface pressure in the elderly. <i>Clinical Biomechanics</i> , 2016, 32, 229-235.	1.2	9
36	Insights into footwear preferences and insole design to improve thermal environment of footwear. <i>International Journal of Fashion Design, Technology and Education</i> , 2019, 12, 325-334.	1.6	9

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37	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
38	3D printed auxetic heel pads for patients with diabetic mellitus. <i>Computers in Biology and Medicine</i> , 2022, 146, 105582.	7.0	9
39	Effects of indoor slippers on plantar pressure and lower limb EMG activity in older women. <i>Applied Ergonomics</i> , 2016, 56, 153-159.	3.1	8
40	Hallux valgus orthosis characteristics and effectiveness: a systematic review with meta-analysis. <i>BMJ Open</i> , 2021, 11, e047273.	1.9	8
41	Novel weft-knitted spacer structure with silicone tube inlay for enhancing mechanical behavior. <i>Mechanics of Advanced Materials and Structures</i> , 2020, , 1-12.	2.6	7
42	Effect of Contacting Surface on the Performance of Thin-Film Force and Pressure Sensors. <i>Sensors</i> , 2020, 20, 6863.	3.8	7
43	An evaluation of the three-dimensional geometric shape of moulded bra cups. <i>Fibers and Polymers</i> , 2011, 12, 556-563.	2.1	6
44	Effects of a tailor-made girdle on posture of adolescents with early scoliosis. <i>Textile Reseach Journal</i> , 2015, 85, 1234-1246.	2.2	6
45	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
46	Finite Element Analysis on Contact Pressure and 3D Breast Deformation for Application in Womenâ€™s Bras. <i>Fibers and Polymers</i> , 2021, 22, 2910-2921.	2.1	6
47	Foot deformation analysis with different load-bearing conditions to enhance diabetic footwear designs. <i>PLoS ONE</i> , 2022, 17, e0264233.	2.5	6
48	Anthropometric Measurements and Body Motions of Teenagers with Mental Handicap in Hong Kong. <i>Research Journal of Textile and Apparel</i> , 2006, 10, 1-9.	1.1	5
49	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.	0.4	5
50	The Effect of Pressure Glove Tightness on Forearm Muscle Activity and Psychophysical Responses. <i>Human Factors</i> , 2015, 57, 988-1001.	3.5	5
51	Effects of In-Shoe Midsole Cushioning on Leg Muscle Balance and Co-Contraction with Increased Heel Height During Walking. <i>Journal of the American Podiatric Medical Association</i> , 2018, 108, 449-457.	0.3	5
52	Finite-element modelling of elastic woven tapes for bra design applications. <i>Journal of the Textile Institute</i> , 2020, 111, 1470-1480.	1.9	5
53	Impact of postural variation on hand measurements: Three-dimensional anatomical analysis. <i>PLoS ONE</i> , 2021, 16, e0250428.	2.5	5
54	Analysis of length of finger segments with different hand postures to enhance glove design. <i>Applied Ergonomics</i> , 2021, 94, 103409.	3.1	5

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55	Novel weft-knitted spacer structure with silicone tube and foam inlays for cushioning insoles. <i>Journal of Industrial Textiles</i> , 2022, 51, 6463S-6483S.	2.4	5
56	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.	1.0	4
57	Modeling of Flexible Polyurethane Foam Shrinkage for Bra Cup Moulding Process Control. <i>Polymers</i> , 2018, 10, 472.	4.5	4
58	Development of laid-in knitted fabric for buoyant swimwear. <i>Journal of Industrial Textiles</i> , 2020, , 152808371990093.	2.4	4
59	The immediate effects of hallux valgus orthoses: A comparison of orthosis designs. <i>Gait and Posture</i> , 2021, 90, 283-288.	1.4	4
60	Anthropometric measurement of premature infants. <i>International Journal of Clothing Science and Technology</i> , 2007, 19, 319-333.	1.1	3
61	Craniofacial measurements of full-term neonates. <i>International Journal of Clothing Science and Technology</i> , 2011, 23, 95-106.	1.1	3
62	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.	0.3	3
63	Soft manikin as tool to evaluate bra features and pressure. <i>International Journal of Fashion Design, Technology and Education</i> , 2020, 13, 204-212.	1.6	3
64	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.	3.4	3
65	Analysis of dynamic vertical breast displacement for the design of seamless moulded bras. <i>Journal of the Textile Institute</i> , 2022, 113, 637-646.	1.9	3
66	Mechanical and Thermal Behaviours of Weft-Knitted Spacer Fabric Structure with Inlays for Insole Applications. <i>Polymers</i> , 2022, 14, 619.	4.5	3
67	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.	2.2	3
68	Effects of textile-fabricated insole on foot skin temperature and humidity for enhancing footwear thermal comfort. <i>Applied Ergonomics</i> , 2022, 104, 103803.	3.1	3
69	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	2
70	Instrumental Evaluation of Dry Heat Loss of Footwear Under Different Activity Levels. <i>IEEE Access</i> , 2019, 7, 65319-65331.	4.2	2
71	Design of novel buoyant swimming vest using inlay knitting technology. <i>Textile Research Journal</i> , 2021, 91, 1155-1166.	2.2	2
72	The use of textiles and materials for orthopedic footwear insoles. , 2021, , 361-388.		2

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73	Foot Anthropometric Measurements of Hong Kong Elderly: Implications for Footwear Design. Journal of Fiber Bioengineering and Informatics, 2016, 9, 133-143.	0.2	2
74	Development of fully fashioned knitted spacer fabric bra cup: one-step production from yarn. Materials and Design, 2022, 219, 110825.	7.0	2
75	Numerical simulation of foam cup molding process for mold head design. International Journal of Clothing Science and Technology, 2017, 29, 504-513.	1.1	1
76	Affective association with and preference for flexible brace colors in older adults with spinal deformities. Color Research and Application, 0, , .	1.6	1
77	Design and fabrication of anisotropic textile brace for exerting corrective forces on spinal curvature. Journal of Industrial Textiles, 0, , 152808372110326.	2.4	1
78	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.	0.6	1
79	Curvature control of weft-knitted spacer fabric through elastic inlay. Textile Reseach Journal, 2022, 92, 3826-3837.	2.2	1
80	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.	1.9	0
81	Study on Factors to Improve Comfort of Stab-Resistant Vests Taking into Account Wearing Pressure and Movement Restriction. Journal of Fiber Bioengineering and Informatics, 2013, 6, 237-251.	0.2	0
82	Compression technology. , 2020, , 119-137.		0
83	Title is missing!. , 2020, 15, e0234140.		0
84	Title is missing!. , 2020, 15, e0234140.		0
85	Title is missing!. , 2020, 15, e0234140.		0
86	Title is missing!. , 2020, 15, e0234140.		0
87	Title is missing!. , 2020, 15, e0234140.		0
88	Title is missing!. , 2020, 15, e0234140.		0