

【被服衛生学関連文献リスト】

1. 国内文献リスト (2006 - 2007)

編集幹事会

- \* 3次元着装シミュレーションによる若年女子の婦人服選択支援情報の抽出(その1) 若年女子の衣服感とデザインイメージ要因の特徴: 増田智恵・八尾嵩士・村上かおり・後藤大介, 47巻 212-220 2006
- \* 3次元着装シミュレーションによる若年女子の婦人服選択支援情報の抽出(その2) デザインイメージ分類と予測による衣服情報の抽出: 増田智恵・八尾嵩士・村上かおり・後藤大介, 47巻 221-230 2006
- \* 肌着素材の手触りに及ぼす気温の影響 -第1報 手触りのよる評価-: 須田理恵・田村照子, 繊維製品消費科学 47巻 471-478 2006
- \* ガードルの圧迫が身体に及ぼす影響について: 横井亮子・吉田美奈子・笹川栄子・平田耕造, 繊維製品消費科学 47巻 537-547 2006
- \* 浴衣着用時の被服圧とその圧感覚 -ウエストベルト着用時の季節と月経周期の位相に関連させて-: 丹羽寛子・三野たまき, 繊維製品消費科学 47巻 731-739 2006
- \* 肌着素材の手触りに及ぼす気温の影響 -着用感のよる評価-: 須田理恵・田村照子, 繊維製品消費科学 47巻 740-748 2006
- \* 暑熱環境下におけるテニスシャツの着用快適感 -戸外活動中の快適感と衣服素材物性との関係- (英文): 潮田ひとみ・吉澤知佐, 繊維製品消費科学 47巻 749-755 2006
- \* 着心地の良い授乳期のブラジャー設計に関する基礎研究(第1報) 実験室での被験者実験の結果: 薩本弥生・望月真理, 繊維製品消費科学 47巻 756-763 2006
- \* 衣服による皮膚障害と肌に優しい衣服の認知度 -東海地区の女子大生-: 成瀬正春・内田有紀・平岩暁子, 繊維製品消費科学 47巻 764-771 2006
- \* 心理状態と生理計測値との対応関係の検討, および蝕刺激が心理・生理反応に及ぼす影響に関する研究: 石丸園子, 繊維製品消費科学 47巻 772-784 2006

- \* 成人女子の3次元体形とデザインのイメージ評価を用いた婦人服選択支援情報の抽出（その1）  
—3次元体形のイメージによる体型分類—（英文）：増田智恵・岡部秀彦・村上かおり・平林由果，  
48巻 327-336 2007
- \* 成人女子の3次元体形とデザインのイメージ評価を用いた婦人服選択支援情報の抽出（その2）  
—3次元体形のイメージ予測—（英文）：増田智恵・村上かおり・平林由果・岡部秀彦，48巻  
337-346 2007
- \* 成人女子プロポーションの年齢および身長による差異：川上梅，48巻 397-408 2007
- \* 衣服の色彩と呈示方法が着装者に及ぼす心理的・生理的影響：内藤章江・橋本令子・加藤雪枝，  
48巻 853-862 2007
- \* 子ども用ウエストゴム圧と圧感覚：伊藤紀子，日本衣服学会誌 50巻 1号 27-31 2006
- \* 補正下着，化粧，美容整形に対する意識についての事例的研究 —若年群と中年群との比較—：  
斉藤秀子・柳澤元子・呑山委佐子，日本衣服学会誌 50巻 1号 43-51 2006
- \* 若年女子の和服着用時の着心地と着方による衣服圧の相違：岡部和代・大槻尚子・伊藤紀子，日  
本衣服学会誌 50巻 1号 53-60 2006
- \* セリシン加工スポーツウェアが人体整理および疲労抑制に及ぼす影響：諸岡 晴美・不破順清・  
長田勝栄・諸岡 英雄，繊維学会誌 Vol.62 6-11 2006
- \* 補整用ブラジャーのカップ台素材の伸び特性が衣服圧および快適性に及ぼす影響：諸岡 晴美・  
福田玲子・佐々木ヒサエ・諸岡 英雄，繊維学会誌 Vol.62 287-292 2006
- \* 紙おむつ用トップシートにおける風合い評価：吉田淳一・喜成年泰・松平光男，繊維学会誌 Vol.63  
47-52 2007
- \* シリンダー方式による弾性靴下のための衣服圧測定装置の開発：諸岡 晴美・野阪美貴子・古賀  
英文・諸岡 英雄，繊維学会誌 Vol.63 130-137 2007
- \* 繊維の皮膚刺激性評価法 —閉塞法と河合法の比較—：出口潤子・市位政嗣・神田和三・村上悟・  
五十嵐亮介・大島邦裕・河合淳・川原太一・北尾朱美・柴田英夫・田代和泉・鶴留貴之・西川哲  
二・福田稔・松下千恵・宮崎仁・宮澤清・森洋介，繊維学会誌 Vol.63 200-204 2007

- \* 筋電位測定による筋疲労軽減タイプ弾力靴下の衣服圧設計：野阪美貴子・諸岡 晴美・鳥海清司・諸岡 英雄, Journal of textile engineering Vol.52 205-210 2006
- \* 段階的弾性ストッキング着用による下腿圧増加が下腿静脈コンプライアンスを増加させる：早田剛・三浦隆・岩寄徹治・宮地元彦, 体力科学 55 巻 421-428 2006
- \* 下肢冷却時の胸部皮膚血流量に及ぼす血圧変化の影響：今田尚美・平田耕造, 日本生気象学会雑誌 43 巻 1 号 35-42 2006
- \* 蒸気温熱シートによる腰部加温が体温調節反応と感覚に及ぼす効果：小田英志・井垣通人・宇賀神徹 他, 日本生気象学会雑誌 43 巻 1 号 43-50 2006
- \* 温熱感覚の個人差に関わる環境要因についての実証的研究：松山洋・堀江祐圭・泉岳樹 他, 日本生気象学会雑誌 43 巻 2 号 67-77 2006
- \* 濡れた衣服の体温調節反応への影響：前田亜紀子・山崎和彦・野尻佳代子 他, 日本生気象学会雑誌 43 巻 2 号 103-112 2006
- \* 水灌流スーツによる皮膚冷却の面積比率が胸部皮膚血流量に及ぼす影響：今田尚美・平田耕造, 日本生気象学会雑誌 43 巻 4 号 137-143 2007
- \* 機能的スポーツウェア設計のための基礎研究--人体加圧の生体影響：田村照子・岡本法子, デサントスポーツ科学 Vol.27 3-14 2006
- \* スポーツブラジャー設計のための走行中の乳房振動, 衣服圧変動, ブラジャーと乳房のズレの相互関係の解明：岡部和代・黒川隆夫, デサントスポーツ科学 Vol.27 75-85 2006
- \* 撥水加工によるスポーツウェアの吸水性低減が体温調節反応におよぼす影響：田中香利・平田耕造, デサントスポーツ科学 Vol.27 86-93 2006
- \* 野外スポーツにおける紫外線カット処理ウェアの開発と評価：織田博則・斉藤昌子・谷田貝麻美子 他, デサントスポーツ科学 Vol.27 94-102 2006
- \* 素材布の通気性, 衣服の開口部とゆとりが衣服換気に及ぼす影響--身体部位差に着目して：上田博之・井上芳光, デサントスポーツ科学 Vol.28 81-88 2007
- \* 靴底の磨耗が歩行中の下肢に与える影響：齋藤誠二・村木里志, 人間工学 42 巻 243-250 2006

- \* 靴底の磨耗が高齢者の歩行中の下肢に与える影響：齋藤誠二・村木里志・栢原裕，人間工学 43 巻 245-251 2007
- \* 日本人成人女子の体温調節反応における暑がりや寒がりの比較：山崎和彦・野尻佳代子・横井麻理・石橋圭太・樋口重和・前田亨史，日本生理人類学会誌 11 巻 13-20 2006
- \* 日本人成人の体温調節反応における性、季節および暑がりや寒がりの影響：山崎和彦・野尻佳代子・佐藤庸子・石橋圭太・樋口重和・前田亨史，日本生理人類学会誌 11 巻 21-28 2006
- \* マットレスの通気性が睡眠感に及ぼす影響：木暮貴政・田中良・西村章・白川修一郎，日本生理人類学会誌 12 巻 19-24 2007
- \* マットレスの通気性が寝床内気候に及ぼす影響：木暮貴政・久保田富夫・村山陵子，日本生理人類学会誌 12 巻 37-42 2007
- \* ウェストベルト圧の季節変動 ―特に体型の変化と関連させて―：三野たまき・丹羽寛子，日本生理人類学会誌 12 巻 43-48 2007
- \* 登山のための装備品および被服類に関する調査：前田亜紀子・山崎和彦・栢原裕，日本生理人類学会誌 12 巻 49-56 2007
- \* マットレスの幅が睡眠に及ぼす影響：木暮貴政・白川修一郎，日本生理人類学会誌 12 巻 147-151 2007
- \* 入眠姿勢での寝心地が睡眠に及ぼす影響：木暮貴政・西村泰昭・西村章・白川修一郎，日本生理人類学会誌 12 巻 171-176 2007
- \* 衣服設計のための三次元人体形状における計測点設定―頸側点および肩先点の自動設定：柳田佳子，感性工学研究論文集 6 巻 2 号 1-10 2006
- \* 染色テキスタイルの視覚印象評価に及ぼす糸密度の影響：小林未佳・森川陽，感性工学研究論文集 6 巻 2 号 39-44 2006
- \* 若年女子の靴への意識と靴の履き心地―高齢者との比較：土肥麻佐子・持丸正明・河内まき子，感性工学研究論文集 6 巻 2 号 53-58 2006

【被服衛生学関連文献リスト】

2. 海外文献リスト (2007-2008)

編集幹事会

採録データベース : Blackwell Synergy, Google scholar, Ingentaconnect, PubMed, Sage Journals online, ScienceDirect & SpringerLink

検索条件 : (2006 or 2007) and ((cloth\* or textile or fabric or wear\*) and comfort) or (thermal manikin))

その他 : 掲載は雑誌名順

- \* Raju, S., Hollis, K., Neglen, P. (2007). Use of Compression Stockings in Chronic Venous Disease: Patient Compliance and Efficacy. *Annals of Vascular Surgery*, 21(6), 790-795.
- \* Turpin-Legendre, E. & Meyera, J.P. (2007). Comparison of physiological and subjective strains of two protective coveralls in two short physically simulated demanding tasks. *Applied Ergonomics*, 38(2), 249-252.
- \* Lee, Y., Hong, K. & Hong, S. (2007). 3D quantification of microclimate volume in layered clothing for the prediction of clothing insulation. *Applied Ergonomics*, 38(3), 349-355.
- \* Lee, H. & Hong, K. Optimal brassiere wire based on the 3D anthropometric measurements of under breast curve. *Applied Ergonomics*, 38(3), 377-384.
- \* Mathis, J.T. & Clutter, J.K. (2007). Evaluation of orientation and environmental factors on the blast hazards to bomb suit wearers. *Applied Ergonomics*, 38(5), 567-579.
- \* Aua, E.Y.L. & Goonetilleke R.S. (2007). A qualitative study on the comfort and fit of ladies' dress shoes. *Applied Ergonomics*, 38(6), 687-696.
- \* Plamondona, A., Delisle, A., Larue, C., Brouillette, D., McFadden, D., Desjardins, P. and Larivière, C. (2007). Evaluation of a hybrid system for three-dimensional measurement of trunk posture in motion. *Applied Ergonomics*, 38(6), 697-712.
- \* Lämkkull, D., Hanson, L. & Örtengren R. (2007). The influence of virtual human model appearance on visual ergonomics posture evaluation. *Applied Ergonomics*, 38(6), 713-722.
- \* López-Torres, M., Porcar, R., Solaz, J. & Romero T. (2008). Objective firmness, average pressure and subjective perception in mattresses for the elderly. *Applied Ergonomics*, 39(1), 123-130.
- \* Jacobson, B.H., Wallace, T.J., Smith, D.B. & Kolb T. (2008). Grouped comparisons of sleep quality for new and personal bedding systems. *Applied Ergonomics*, 39(2), 247-254.
- \* Tsai, L.-L. & Liu, H.-M. (2008). Effects of bedding systems selected by manual muscle testing on sleep and sleep-related respiratory disturbances. *Applied Ergonomics*, 39(2), 261-270.
- \* Smolander, J., Juuti, T., Kinnunen, M.-L., Laine, K., Louhevaara, V., Männikkö, K. & Rusko, H. (2008). A new heart rate variability-based method for the estimation of oxygen consumption without individual laboratory calibration: Application example on postal workers. *Applied Ergonomics*, 39(3), 325-331.
- \* Brecht, A.V., Nuyttens, D., Aerts, J.M., Quanten, S., Bruyne, G.D. & Berckmans D. (2008). Quantification of ventilation characteristics of a helmet. *Applied Ergonomics*, 39(3), 332-341.
- \* Gao, C., Holmér, I. & Abeysekera, J. (2008). Slips and falls in a cold climate: Underfoot surface, footwear design and worker preferences for preventive measures. *Applied Ergonomics*, 39(3), 385-391.

- \* Al-ajmi, F.F., Loveday, D.L., Bedwell, K.H. & Havenith, G. (2008). Thermal insulation and clothing area factors of typical Arabian Gulf clothing ensembles for males and females: Measurements using thermal manikins. *Applied Ergonomics*, **39**(3), 407-414.
- \* Stephenson, L.A., Vernieuw, C.R., Leammukda, W. & Kolka, M.A. (2007). Skin Temperature Feedback Optimizes Microclimate Cooling. *Aviation, Space, and Environmental Medicine*, **78**(4), 377-382.
- \* Giesbrecht, G.G., Jamieson, C. & Cahill, F. (2007). Cooling Hyperthermic Firefighters by Immersing Forearms and Hands in 10°C and 20°C Water. *Aviation, Space, and Environmental Medicine*, **78**(6), 561-567.
- \* Zhang, Y. & Zhao, R. (2007). Effect of local exposure on human responses. *Building and Environment*, **42**(7), 2737-2745.
- \* Waltona, D., Dravitzkia, V. & Donn, M. (2007). The relative influence of wind, sunlight and temperature on user comfort in urban outdoor spaces. *Building and Environment*, **42**(9), 3166-3175.
- \* Wang, D., Zhanga, H., Arensa, E. & Huizenga, C. (2007). Observations of upper-extremity skin temperature and corresponding overall-body thermal sensations and comfort. *Building and Environment*, **42**(12), 3933-3943.
- \* Carli, M. De, Olesen, B.W., Zarrella, A. & Zecchin R. (2007). People's clothing behaviour according to external weather and indoor environment. *Building and Environment*, **42**(12), 3965-3973.
- \* Sakoi, T., Tsuzuki, K., Kato, S., Ooka, R., Song, D. & Zhu, S. (2007). Thermal comfort, skin temperature distribution, and sensible heat loss distribution in the sitting posture in various asymmetric radiant fields. *Building and Environment*, **42**(12), 3984-3999.
- \* Nilsson, H.O. (2007). Thermal comfort evaluation with virtual manikin methods. *Building and Environment*, **42**(12), 4000-4005.
- \* Lin, Z. & Deng, S. (2008). A study on the thermal comfort in sleeping environments in the subtropics—Measuring the total insulation values for the bedding systems commonly used in the subtropics. *Building and Environment*, **43**(5), 905-916.
- \* Yıldız, N. (2007). A novel technique to determine pressure in pressure garments for hypertrophic burn scars and comfort properties. *Burns*, **33**(1), 59-64.
- \* Dixonl, H.G., Lagerlund, M., Spittal, M.J., Hill, D.J., Dobbinson, S.J. & Wakefield, M.A. (2008). Use of Sun-Protective Clothing at Outdoor Leisure Settings from 1992 to 2002: Serial Cross-sectional Observation Survey. *Cancer Epidemiology Biomarkers & Prevention*, **17**, 428-434.
- \* Huang, J. (2007). Review of test methods for measuring water vapour transfer properties of fabrics. *Cellular polymers*, **26**(3), 167-191.
- \* Luo, X., Hou, W., Li, Y. & Wang, Z. (2007). A fuzzy neural network model for predicting clothing thermal comfort. *Computers & Mathematics with Applications*, **53**(12), 1840-1846.
- \* Bruce-Low, S.S., Cotterrell, D. & Jones, G.E. (2007). Effect of wearing personal protective clothing and self-contained breathing apparatus on heart rate, temperature and oxygen consumption during stepping exercise and live fire training exercises. *Ergonomics*, **50**(1), 80-98.
- \* Havenith, G. (2007). Metabolic rate and clothing insulation data of children and adolescents during various school activities. *Ergonomics*, **50**(10), 1689-1701.

- \* Laing, R.M., Sims, S.T., Wilson, C.A., Niven, B.E. & Cruthers, N.M. (2008). Differences in wearer response to garments for outdoor activity. *Ergonomics*, 51(4), 492-510.
- \* Dufour, A. & Candas, V. (2007). Ageing and thermal responses during passive heat exposure: sweating and sensory aspects. *European Journal of Applied Physiology*, 100(1), 19-26.
- \* Xu, X., Castellani, J.W., Santee, W. & Kolka, M. (2007). Thermal responses for men with different fat compositions during immersion in cold water at two depths: prediction versus observation. *European Journal of Applied Physiology*, 100(1), 79-88.
- \* Traon, A.P.L., Heer, M., Narici, M.V., Rittweger, J. & Vernikos, J. (2007). From space to Earth: advances in human physiology from 20 years of bed rest studies (1986–2006). *European Journal of Applied Physiology*, 101(2), 143-194.
- \* Chevront, S.N., Montain, S.J., Goodman, D.A., Blanchard, L. & Sawka, M.N. (2007). Evaluation of the limits to accurate sweat loss prediction during prolonged exercise. *European Journal of Applied Physiology*, 101(2), 215-224.
- \* Lan, L., Lian, Z., Liu, W. & Liu, Y. (2008). Investigation of gender difference in thermal comfort for Chinese people. *European Journal of Applied Physiology*, 102(4), 471-480.
- \* Chevront, S.N., Goodman, D.A., Kenefick, R.W., Montain, S.J. & Sawka, M.N. (2008). Impact of a protective vest and spacer garment on exercise-heat strain. *European Journal of Applied Physiology*, 102(5), 577-583.
- \* Cheung, S.S., Reynolds, L.F., Macdonald, M.A.B., Tweedie, C.L., Urquhart, R.L., & Westwood, D.A. (2008). Effects of local and core body temperature on grip force modulation during movement-induced load force fluctuations. *European Journal of Applied Physiology*, 103(1), 59-69.
- \* Farage, M., Bramante, M., Otaka, Y. & Sobel, J. (2007). Do panty liners promote vulvovaginal candidiasis or urinary tract infections? A review of the scientific evidence. *European Journal of Obstetrics & Gynecology and Reproductive Biology*, 132(1), 8-19.
- \* Özçelik, G., Çay, A. & Kirtay, E. (2007). A Study of the Thermal Properties of Textured Knitted Fabrics. *FIBRES & TEXTILES in Eastern Europe*, 15(1), 66-71.
- \* Zhu, F., Zhang, W. & Chen, M. (2007). Investigation of Material Combinations for Fire-fighter's Protective Clothing on Radiant Protective and Heat-Moisture Transfer Performance. *FIBRES & TEXTILES in Eastern Europe*, 15(1), 72-75.
- \* Oğulata, R.T. (2007). The Effect of Thermal Insulation of Clothing on Human Thermal Comfort. *FIBRES & TEXTILES in Eastern Europe*, 15(2), 67-72.
- \* Konarska, M., Sołtynski, K., Sudoł-Szopińska, I. & Chojnacka, A. (2007). Comparative Evaluation of Clothing Thermal Insulation Measured on a Thermal Manikin and on Volunteers. *FIBRES & TEXTILES in Eastern Europe*, 15(2) 73-79.
- \* Varga, K., Schädel, U., Nilsson, H., Persson, O. & Schuster, K.C. (2007). Measuring the Heat of Wetting of Textile Fibres by Reaction Calorimetry. *FIBRES & TEXTILES in Eastern Europe*, 15(5), 59-63.
- \* Oğlakcioğlu, N. & Marmarali, A. (2007). Thermal Comfort Properties of Some Knitted Structures. *FIBRES & TEXTILES in Eastern Europe*, 15(5), 94-96.
- \* Korycki, R. (2007). Shape Optimization and Shape Identification for Transient Diffusion Problems in Textile Structures. *FIBRES & TEXTILES in Eastern Europe*, 15(1), 43-49.

- \* Melikov, A. & Kaczmarczyk, J. (2007). Measurement and prediction of indoor air quality using a breathing thermal manikin. *Indoor Air*, 17(1), 50-59.
- \* Yao, Y., Lian, Z., Liu, W. & Shen, Q. (2007). Experimental Study on Skin Temperature and Thermal Comfort of the Human Body in a Recumbent Posture under Uniform Thermal Environments. *Indoor and Built Environment*, 16(6), 505-518.
- \* Jir?i, M. & Miroslav, M. (2007). Image analysis method of surface roughness evaluation. *International Journal of Clothing Science and Technology*, 19(3-4), 186-193.
- \* Rogale, S.F., Rogale, D., Dragc'evic', Z., Nikolic', G. & Bartos, M. (2007). Technical systems in intelligent clothing with active thermal protection. *International Journal of Clothing Science and Technology*, 19(3-4), 222-233.
- \* Geršak, J. & Marcic, M. (2007). Development of a mathematical model for the heat transfer of the system man-clothing-environment. *International Journal of Clothing Science and Technology*, 19(3-4), 234-241.
- \* Kwok, Y., Wong, K., Ying, B., Yick, K. Yi, L. & Yeung, C. (2007). Anthropometric measurement of premature infants. *International Journal of Clothing Science and Technology*, 19(5), 319-333.
- \* Min, K., So, Y., Kim, C., Lee, Y. & Hong, K. (2007). Heat and moisture transfer from skin to environment through fabrics: A mathematical model. *International Journal of Heat and Mass Transfer*, 50(25-26), 5292-5304.
- \* Wickwire, J., Bishop, P.A., Green, J.M., Richardson, M.T., Lomax, R.G., Casaru, C. Curther-Smith, M. & Doss, B. (2007). Physiological and comfort effects of commercial "wicking" clothing under a bulletproof vest. *International Journal of Industrial Ergonomics*, 37(7), 643-651.
- \* Kuklane, K., Gao, C., Holmér, I., Giedraityte, L., Bröde P., Candas, V., en Hartog, E., Meinander, H., Richards, M. & Havenith, G. (2007). Calculation of clothing insulation by serial and parallel methods: effects on clothing choice by IREQ and thermal responses in the cold. *International Journal of Occupational Safety and Ergonomics*, 13(2), 103-116.
- \* Sallouma, M., Ghaddara, N. & Ghali, K. (2007). A new transient bioheat model of the human body and its integration to clothing models. *International Journal of Thermal Sciences*, 46(4), 371-384.
- \* Wua, H. & Fan, J. (2008). Study of heat and moisture transfer within multi-layer clothing assemblies consisting of different types of battings. *International Journal of Thermal Sciences*, 47(5), 641-647.
- \* Özdil, N., Marmaralı, A. & Kretzschmar, S.D. (2007). Effect of yarn properties on thermal comfort of knitted fabrics. *International Journal of Thermal Sciences*, 46(12), 1318-1322.
- \* Gašperin, M., Juričič, Đ., Musizza, B. & Mekjavič, I. (2008). A model-based approach to the evaluation of flame-protective garments. *ISA Transactions*, 47(2), 198-210.
- \* Havenith, G., Richards, M.G.M., Wang, X., Brode, P., Candas, V., den Hartog, E., Holmer, I., Kuklane, K., Mainander, H. & Nocker, W. (2008). Apparent Latent Heat of Evaporation from Clothing: Attenuation and Heat Pipe Effects. *Journal of Applied Physiology*, 104(1), 142-149.
- \* Joshi, M., Ali, S.W. & Rajendra, S. (2007). Antibacterial finishing of polyester/cotton blend fabrics using neem (*Azadirachta indica*): A natural bioactive agent. *Journal of Applied Polymer Science*, 106(2), 793- 800.
- \* Jay, O., Reardon, F.D., Webb, P., DuCharme, M.B., Ramsay, T., Nettlefold, L. & Kenny G.P. (2007). Estimating changes in mean body temperature for humans during exercise using core and skin temperatures is inaccurate even with a correction factor. *Journal of Applied Physiology*, 103(2), 443-451.



- \* Castellani, J.W., O'Brien, C., Tikuisis, P., Sils, I.V. & Xu, X.G. (2007). Evaluation of two cold thermoregulatory models for prediction of core temperature during exercise in cold water. *Journal of Applied Physiology*, 103(6), 2034-2041.
- \* Takada, S. & Hokoi, S. (2007). Experimental and Analytical Investigation of Moisture Movement in Clothing. *Journal of Building Physics*, 31(2), 125-142.
- \* Henry, N.W. (2007). Four decades of protective clothing development and standardization. *Journal of Chemical Health and Safety*, 14(6), 15-16.
- \* Carroll, K., Alexander, M. & Spencer, V. (2007). Exercise Clothing for Children in a Weight-Management Program. *Journal of Family and Consumer Sciences*, 99(1), 68-72.
- \* Song, G. (2007). Clothing Air Gap Layers and Thermal Protective Performance in Single Layer Garment. *Journal of Industrial Textiles*, 36(3), 193-205.
- \* Mazzuchetti, G., Lopardo, G., & Demichelis, R. (2007). Influence of Nonwoven Fabrics' Physical Parameters on Thermal and Water Vapor Resistance. *Journal of Industrial Textiles*, 36(3), 253-264.
- \* Ibrahim, N.A., Aly, A.A. & Gouda, M. (2008). Enhancing the Antibacterial Properties of Cotton Fabric. *Journal of Industrial Textiles*, 37(3), 203-212.
- \* Mukhopadhyay, A. & Midha, V.K. (2008). A Review on Designing the Waterproof Breathable Fabrics Part I: Fundamental Principles and Designing Aspects of Breathable Fabrics. *Journal of Industrial Textiles*, 37(3), 225-262.
- \* Teufel, L., Schuster, K.C., Merschak, P., Bechtold, T. & Redl, B. (2008). Development of a Fast and Reliable Method for the Assessment of Microbial Colonization and Growth on Textiles by DNA Quantification. *Journal of Molecular Microbiology and Biotechnology*, 14, 193-200.
- \* Buguet, A. (2007). Sleep under extreme environments: Effects of heat and cold exposure, altitude, hyperbaric pressure and microgravity in space. *Journal of the Neurological Sciences*, 262(1-2), 145-152.
- \* Wan, X. & Fan, J. (2008). A transient thermal model of the human body–clothing–environment system. *Journal of Thermal Biology*, 33(2), 87-97.
- \* Bishop, P.A., Jones, E.J. & Green, J.M. (2007). Continuous versus Episodic Hydration in Encapsulating Protective Coveralls. *Journal of Occupational and Environmental Hygiene*, 4(4), 260-265.
- \* Sülar, V. & Okur, A. (2007). Sensory Evaluation Methods For Tactile Properties Of Fabrics. *Journal of Sensory Studies*, 22(1), 1-16.
- \* Pruthi, N., Chanchal & Seetharaman, P. (2008). Acceptance of Functional Garments for Paralytics. *J. Social Science*, 16(2), 151-154.
- \* Huang, J. (2007). Assessment of Clothing Effects in Thermal Comfort Standards: A Review *Journal of Testing and Evaluation*, 35(5), online.
- \* Zhou, L.Y., Li, Y., Feng, X.W., Tokura, H., Newton, E. & Kwok, Y.L. (2007). Effect of Fabric Liquid Water Transfer Behavior on Human Thermophysiological Responses and Clothing Microclimate during Exercise and Recovery. *Journal of Textile Engineering*, 53(3), 87-93.
- \* Sato, M., Nakagawa, M., Tokura, H., Zhang, P. & Gong, R.H. (2007). Physiological effects of outerwear moisture transfer rate during intermittent bicycle exercise. *Journal of the Textile Institute*, 98(1), 73-79.

- \* Lee, S. & Obendorf, S.K. (2007). Barrier effectiveness and thermal comfort of protective clothing materials. *Journal of the Textile Institute*, **98**(2), 87-98.
- \* Cho, H. & Lee, J. (2007). A Development of Design Prototype of Smart Healthcare Clothing for Silver Generation Based on Bio-medical Sensor Technology. *Lecture Notes in Computer Science*, **4551**, 1070-1077.
- \* Choi, D.-E. (2007). An Analysis of Feelings of Brassiere-Wearing and Possibility to Simulate Them Based on Body Shape. *Lecture Notes in Computer Science*, **4694**, 342-353.
- \* Tse, W.L. & Chan, W.L. (2007). Real-time measurement of thermal comfort by using an open networking technology. *Measurement*, **40**(6), 654-664.
- \* Sarkar, M., Fan, J. & Qian, X. (2007). Transplanar water transport tester for fabrics. *Measurement Science and Technology*, **18**, 1465-1471.
- \* Kar, F., Fan, J. & Yu, W. (2007). Comparison of different test methods for the measurement of fabric or garment moisture transfer properties. *Measurement Science Technology*, **18**, 2033-2038.
- \* Huang, J. & Qian, X. (2007). A new test method for measuring the water vapour permeability of fabrics. *Measurement Science and Technology*, **18**, 3043-3047.
- \* R. Sirkka, & Hannu, R. (2007). Cold and Heat Strain during Cold-Weather Field Training with Nuclear, Biological, and Chemical Protective Clothing. *Military Medicine*, **172**(2), 128-132.
- \* Ivins, B.J., Schwab, K.A., Crowley, J.S., Mcentire, B.J., Thimble, C.C., Brown, F.H. & Warden, D.L. (2007). How satisfied are soldiers with their ballistic helmets? A comparison of soldiers' opinions about the advanced combat helmet and the personal armor system for ground troops helmet. *Military medicine*, **172**(6), 586-591.
- \* Li, Y. & Fan, J. (2007). Transient Analysis of Heat and Moisture Transfer with Sorption/Desorption and Phase Change in Fibrous Clothing Insulation. *Numerical Heat Transfer, Part A: Applications*, **51**(7), 635-655.
- \* Chang, F.K., Chen, M.L., Cheng, S.F., Shih, T.S. & Mao, I.F. (2007). Field protection effectiveness of chemical protective suits and gloves evaluated by biomonitoring. *Occupational and Environmental Medicine*, **64**, 759-762.
- \* Gies, P. (2007). Photoprotection by clothing. *Photodermatology, Photoimmunology & Photomedicine*, **23**(6), 264-274.
- \* Psikuta, A., Richards, M. & Fiala, D. (2008). Single-sector thermophysiological human simulator. *Physiological Measurement*, **29**, 181-192.
- \* Huang, J. (2007). A new test method for determining water vapor transport properties of polymer membranes. *Polymer Testing*, **26**(5), 685-691.
- \* Stanković, S.B., Popović, D., & Poparić, G.B. (2008). Thermal properties of textile fabrics made of natural and regenerated cellulose fibers. *Polymer Testing*, **27**(1), 41-48.
- \* Yao, L., Tokura, H., Li, Y., Newton, E., Gohel, M.D. & Chung, W.J. (2007). Mechanism of pajama material on stratum corneum water content under mild cold conditions: explored by hierarchical linear regression. *Skin Research and Technology*, **13**(4), 412-416.
- \* Li, Y., Wang, Z., Wang, Z., Wang, R., Mao, A. & Lin, Y. (2007). A Computer Software Package for Simulating Human Thermophysiological Responses in Dynamic Thermal Environment. *Studies in Computational Intelligence*, **55**, 223-233.
- \* Wong, A.S.W., Li, Y. & Newton, E. (2007). Mathematical Simulation of Human Psychological Perception of

Moisture Sensation. *Studies in Computational Intelligence*, **55**, 265-273.

- \* Zhang, M., Cheung, J.T.-M. & Li, Y. (2007). Computational Modeling the Foot-Insole Interface. *Studies in Computational Intelligence*, **55**, 311-321.
- \* Bhattacharjee, D. & Kothari, V.K. (2007). A Neural Network System for Prediction of Thermal Resistance of Textile Fabrics. *Textile Research Journal*, **77**(1), 4-12.
- \* Li, J., Barker, R.L & Deaton, A.S. (2007). Evaluating the Effects of Material Component and Design Feature on Heat Transfer in Firefighter Turnout Clothing by a Sweating Manikin. *Textile Research Journal*, **77**(2), 59-66.
- \* Bertaux, E., Lewandowski, M. & Derler, S. (2007). Relationship between Friction and Tactile Properties for Woven and Knitted Fabrics. *Textile Research Journal*, **77**(6), 387-396.
- \* Park, C.H., Jun, Y., Kang, T.J. & Kim, J.H. (2007). Development of a Tool to Measure the Pressure Comfort of a Cap(II) -by the Analysis of Correlation Between Objective Pressure and Subjective Wearing Sensation-. *Textile Research Journal*, **77**(7), 520-527.
- \* Kang, T.J., Park, C.H. Jun, Y. & Jung, K. (2007). Development of a Tool to Evaluate the Comfort of a Baseball Cap from Objective Pressure Measurement: (I) Holding Power and Pressure Distribution. *Textile Research Journal*, **77**(9), 653-660.
- \* Lee, S. & Obendorf, S.K. (2007). Use of Electrospun Nanofiber Web for Protective Textile Materials as Barriers to Liquid Penetration. *Textile Research Journal*, **77**(9), 696-702.
- \* Su, C.-I., Fang, J.-X., Chen, X.-H. & Wu, W.-Y. (2007). Moisture Absorption and Release of Profiled Polyester and Cotton Composite Knitted Fabrics. *Textile Research Journal*, **77**(10), 764-769.
- \* Zhou, L., Feng, X., Du, Y. & Li, Y. (2007). Characterization of Liquid Moisture Transport Performance of Wool Knitted Fabrics. *Textile Research Journal*, **77**(12), 951-956.
- \* Wang, S.X., Li, Y., Tokura, H., Hu, J.Y., Han, Y.X., Kwok, Y.L. & Au, R.W. (2007). Effect of Moisture Management on Functional Performance of Cold Protective Clothing. *Textile Research Journal*, **77**(12), 968-980.
- \* Cimilli, S., Nergis, F.B.U. & Candan, C. (2008). Modeling of Heat Transfer Measurement Unit for Cotton Plain Knitted Fabric using a Finite Element Method. *Textile Research Journal*, **78**(1), 53-59.
- \* Gao, Y. & Cranston, R. (2008). Recent Advances in Antimicrobial Treatments of Textiles. *Textile Research Journal*, **78**(1), 60-72.
- \* Fan, J. & Tsang, H.W.K. (2008). Effect of Clothing Thermal Properties on the Thermal Comfort Sensation During Active Sports. *Textile Research Journal*, **78**(2), 111-118.
- \* Vernieuw, C.R., Stephenson, L.A. & Kolka, M.A. (2007). Thermal Comfort and Sensation in Men Wearing a Cooling System Controlled by Skin Temperature. *The Journal of the Human Factors and Ergonomics Society*, **49**(6), 1033-1044.
- \* Sarier, N. & Onder, E. (2007). The manufacture of microencapsulated phase change materials suitable for the design of thermally enhanced fabrics. *Thermochimica Acta*, **452**(2), 149-160.
- \* Derler, S., Schrade, U. & Gerhardt, L.-C. (2007). Tribology of human skin and mechanical skin equivalents in contact with textiles. *Wear*, **263**(7-12), 1112-1116.

### 3. 日本家政学会掲載論文 (2007)

編集幹事会

2007 Vol.58

- No.2 心拍変動スペクトル解析を用いた着衣動作における身体的・精神的負担の評価  
—脳性マヒによる運動障害がある人の事例—  
雙田珠己・鳴海多恵子
- No.3 Effects of the Lining on Comfort and Configuration of Semi-Flared Skirt  
Hiroko KAWABATA・Ayumi MATSUMOTO・Chisa YUSHIZAWA
- No.4 培養皮膚モデルを用いた界面活性剤の皮膚一次刺激性の評価  
内田恵美子・筏義人
- No.5 青年男女の身体組成, 運動習慣, 食習慣, 睡眠習慣が踵骨骨量に及ぼす影響  
小西史子・伊藤千夏・木村靖夫・金子佳代子
- No.9 筋電図による着脱時の動作適応性評価 —重ね着における素材間摩擦を要因として—  
石垣理子・猪又美栄子
- No.9 高齢者の皮膚における温度受容性の部位差  
内田幸子・田村照子
- No.10 高齢者の被服行動に関する日韓の比較  
布施谷節子・李善
- No.12 妊婦の人体形状変化に対応したマタニティパンツの設計  
岡部和代・杉本次代