原著論文

- 1) Hironobu Abiko, Yasushi Shinohara (2005) Adsorption of organic solvents' vapors by porous carbon materials synthesized by template method. Trans. MRS_J 30(3), 607-613.
- 2) Hironobu Abiko, Yasushi Shinohara (2005) Adsorption of aromatic vapors by porous template carbon material synthesized from polyfurfuryl alcohol. Trans. MRS_J 30(4), 917-920.
- 3) Hiroshi Fujiwara, Takao Kamimori, Kenji Morinaga, Yoshiki Takeda, Norihiko Kohyama, Yoshihiro Miki, Kouki Inai, Satoru Yamamoto (2005) An Autopsy case of primary pericardial mesothelioma in arc cutter exposed to asbestos through talc pencils. Ind Health 43, 346-50.
- 4) Mamoru Hirata, Taoda K, Kitahara T, Tsujimura H, Nishiyama K
 - Mamoru Hirata, Kazushi Taoda, Teruyo Kitahara, Hiroji Tsujimura, Katsuo Nishiyama (2005) Neuro-physiological study in persons with cervico-brachial disorder. Ind Health 43, 630-635.
- 5) Yuki Ito, Hiroshi Yokota, Rui-Sheng Wang, Osamu Yamanoshita, Gaku Ichihara, Hailan Wang, Yoshimasa Kurata, Kenji Takagi, Tamie Nakajima (2005) Species differences in the metabolism of di(2-ethylhexyl) phthalate (DEHP) in several organs of mice, rats, and marmosets. Arch Toxicol 79, 147-154.
- 6) Takeshi Iwasaki, Yuki Fujishiro, Yuji Kubota, Jun Ojima, Nobuyuki Shibata (2005) Some engineering countermeasures to reduce exposure to welding fumes and gases avoiding occurrence of blow holes in welded material. Ind Health 43, 351-357.
- 7) Chikako Kaneko, Takahide Hagiwara, Setsuo Maeda (2005) Evaluation of whole-body vibration by the category judgment method. Ind Health 43, 221-232.
- 8) Kaoru Kimura, Kazuhito Yokoyama, Hajime Sato1, Rusli Bin Nordin, Lin Naing, Satoshi Kimura, Shingo Okabe, Takashi Maeno, Yasuki Kobayashi, Fumihiko Kitamura, Shunichi Araki (2005) Effects of pesticides on the peripheral and central nervous system in tobacco farmers in Malaysia: Studies on peripheral nerve conduction, brain-evoked potentials and computerized posturography. Ind Health 43, 285-294.
- 9) Kenichi Kobayashi, Mirei Sato, Takeo Machida, Tetsuya Kobayashi (2005) Thyroidstimulating hormone receptor levels and binding affinity in the thyroid gland of growthretarded mice. Congenit Anom 45, 89-92.
- 10) Kenichi Kobayashi, Muneyuki Miyagawa, Rui-Sheng Wang, Megumi Suda, Soichiro Sekiguchi, Takeshi Honma (2005) Effects of in utero and lactational exposure to bisphenol A on thyroid status in F1 rat offspring. Ind Health 43, 685-690.
- 11) Jong-Soo KIM, Hisayo Kubota, Toshio Sakai, Kunio Doi, Junzo Saegusa (2005) Electoron microscopic study of subcapsular cell Hyperplasia in the adrenal glands of IQI/Jic mice .Exp Anim 54(1), 107-110.
- 12) Reiko Kishi, Fumihiro Sata, Yoko Katakura, Rui-Sheng Wang, Tamie Nakajima (2005) Effects of Pregnancy, Age and Sex in the Metabolism of Styrene in Rat Liver in Relation to the Regulation of Cytochrome P450 Enzymes. J Occup Health 47, 149-155.
- 13) Setsuo Maeda (2005) Necessary research for standardization of subjective scaling of whole-body vibration. Ind Health 43, 390-401.

- 14) Setsuo Maeda, Neil J Mansfield (2005) Comparison of the apparent mass during exposure to whole-body vertical vibration between Japanese subjects and ISO 5982 standard. Ind Health 43, 436-440.
- 15) Neil J Mansfield, Setsuo Maeda (2005) Comparison of the apparent mass of the seated human measured using random and sinusoidal vibration. Ind Health 43, 233-240.
- 16) Neil J Mansfield, Setsuo Maeda (2005) Equal Sensation curves for whole-body vibration expressed as a function of driving force. Journal of Acoustical Society of America 117(6), 3853-3859.
- 17) Nobuhiko Miura, Shinji Koizumi (2005) Gene expression profiles in the liver and kidney of metallothionein-null mice. Biochem Biophys Res Commun 332, 949-955.
- 18) Koichi Miyaki, Yuji Nishiwaki, Kazuhiko Maekawa, Yasutaka Ogawa, Nozomu Asukai, Kimio Yoshimura, Norihito Etoh, Yukio Matsumoto, Yuriko Kikuchi, Nami Kumagai, Kazuyuki Omae (2005) Effects of sarin on the nervous system of subway workers seven years after the Tokyo Subway Sarin Attack. J Occup Health 47, 299-304.
- 19) Takao Miyazakia, Toshio Ishikawaa, Akinori Nakatab, Takashi Sakuraic, Akiko Mikid, Osamu Fujitae, Fumio Kobayashif, Takashi Haratanig, Hirofumi Iimorih, Shotaro Sakamii, Yousuke Fujiokai, Noriyuki Kawamura (2005) Association between perceived social support and Th1 dominance. Biol Psychol. 70(1), 30-7.
- 20) Shawkatuzzaman Mohammed Laskar, Kayo Ohmura, Masaiwa Inoue, Kenjiro Yokoyama, Junko Inagaki, Yukio Takahashi, Hosssain Mohammed Mahbub, Hiroto Ohnari, Noriaki Harada (2005) Effect of room temperature on percentage finger systolic blood pressure response to finger cooling. Eur J Appl Physiol 94, 626-632.
- 21) Toshihiko Myojo, Kensei Ehara, Hiromi Koyama, Kikuo Okuyama (2004) Size measurement of polystyrene latex particles larger than 1 micrometer using a long differential mobility analyzer. Aerosol Science and Technology 38, 1178-1184.
- 22) Akinori Nakata, Tomoko Ikeda, Masaya Takahashi, Takashi Haratani, Yosei Fujioka, Satoe Fukui, Naomi G. Swanson, Minoru Hojou, Shunichi Araki (2005) Sleep-related risk of occupational injuries in Japanese small and medium-scale enterprises. Ind Health 43, 89-97.
- 23) Ai Okamura, Michihiro Kamijima, Eiji Shibata, Katsumi Ohtani, Kenji Takagi, Jun Ueyama, Yukari Watanabe, Minoru Omura, Wang Hailan, Gaku Ichihara, Takaaki Kondo, Tamie Nakajima (2005) A comprehensive evaluation of the testicular toxicity of dichlorvos in Wistar rats. Toxicicology 213, 129-137.
- 24) Tsutomu Okuno, Masami Kojima, Ikuho Hata, David H. Sliney (2005) Temperature rises in the crystalline lens from focal irradiation, Health Phys 88, 214-222.
- 25) Hisataka Sakakibara, Mamoru Hirata, Norikuni Toibana (2005) Impaired manual dexterity and neuromuscular dysfunction in patients with hand-arm vibration syndrome. Ind Health 43, 542-47.
- 26) Manabu Shimada, Hye Moon Lee, Chan Soo Kim, Hiromi Koyama, Toshihiko Myojo, Kikuo Okuyama (2005) Developent of an LDMA-FCE system for the measurement of submicron aerosol particles. J Chemical Engineering of Japan 38, 34-44.
- 27) Nobuyuki Shibata, Naohide Tomita (2005) The anti-oxidative properties of alphatocopherol in irradiated uhmw polyethylene with respect to fatigue and oxidation resistance. Biomaterials 26, 5755-5762.

- 28) Nobuyuki Shibata, Naohide Tomita and Ken Ikeuchi (2003) Defect initiation at subsurface grain boundary as a precursor of delamination in ultrahigh molecular weight polyethylene. Journal of Biomedical Materials Research 67A, 276-284. (2003 年補遺)
- 29) Nobuyuki Shibata, Naohide Tomita and Ken Ikeuchi (2003) Numerical simulations on fatigue destruction of ultra-high molecular weight polyethylene using discrete element analyses. Journal of Biomedical Materials Research 64A, 570-582. (2003 年補遺)
- 30) Derek R Smith, Myoung Ae Choe, Mi Yan Jeon, Young Ran Chae, Gong Ju An, Jae Sim Jeong (2005) Epidemiology of musculoskeletal symptoms among Korean hospital nurses. Int J Occup Saf Ergon 11, 431-440.
- 31) Derek R Smith, Peter A Leggat (2005) Needlestick and sharps injuries among Australian medical students. J UOEH 27, 237-242.
- 32) Derek R Smith, Peter A Leggat, Ken Takahashi (2005) Percutaneous exposure incidents among Australian hospital staff. Int J Occup Saf Ergon 11, 321-328.
- 33) Derek R Smith, Myoung Ae Choe, Gong Ju An, Myung Soon Joo, Mi Yan Jeon, Young Ran Chae, Jae Sim Jeong (2005). A detailed analysis of hand dermatitis risk factors among Korean nurses. J Environ Dermatol 12, 149-155.
- 34) Derek R Smith, Xing Zhang, Yuxing Zheng, Rui-Sheng Wang (2005) Tobacco use among public health professionals in Beijing: the relationship between smoking and education level. Aust N Z J Public Health 29, 488-489.
- 35) Derek R Smith, Ning Wei, Yi-Jie Zhang, Rui-Sheng Wang (2005) Hand dermatitis among a complete cross section of Chinese physicians. Contact Dermatitis 52, 291-293.
- 36) Derek R Smith, Peter A Leggat (2005) Needlestick and sharps injuries among nursing students. J Adv Nurs 51, 449-455.
- 37) Derek R Smith, Daniel Webster (2005) The relative hazards of Australian police work. Aust Police J 59, 41-43.
- 38) Derek R Smith, Ning Wei, Li Zhao, Rui-Sheng Wang (2005) Hand dermatitis among nurses in a newly developing region of Mainland China. Int J Nurs Stud 42, 13-19.
- 39) Derek R Smith, Myoung Ae Choe, Young Ran Chae, Jae Sim Jeong, Mi Yan Jeon, Gong Ju An, (2005) Musculoskeletal symptoms among Korean nursing students. Contemp Nurse 19, 151-160.
- 40) Derek R Smith, Wendy Smyth, Peter A. Leggat, Rui-Sheng Wang (2005) Prevalence of hand dermatitis among hospital nurses working in a tropical environment. Aust J Adv Nurs 22, 28-32.
- 41) Derek R Smith, Bao-Hua Liu, Pei-Yu Wang, Xing Gao, Rui-Sheng Wang (2005) Musculoskeletal disorders among factory workers in Beijing. J Occup Health Saf Aust NZ 21, 141-145.
- 42) Derek R Smith, Ning Wei, Yi-Jie Zhang, Rui-Sheng Wang (2005) Hand Dermatitis among Chinese Medical Students. J Environ Dermatol 12, 143-148.
- 43) Derek R Smith, Ning Wei, Rui-Sheng Wang (2005) Subjective health complaints among female hospital nurses in mainland China. J Occup Health Saf Aust NZ 21, 51-59.
- 44) Derek R Smith, Ning Wei, Rui-Sheng Wang (2005) Tobacco smoking habits among Chinese medical students and their need for health promotion initiatives. Health Prom J Aust 16, 233-235.

- 45) Derek R Smith, Julie Porter, Peter A Leggat, Rui-Sheng Wang (2005) Hepatitis B sero-conversion following immunisation among a cohort of rural Australian health care workers. J Occup Saf Health 2, 19-21.
- 46) Derek R Smith, Ning Wei, Rui-Sheng Wang (2005) Contemporary smoking habits among nurses in Mainland China. Contemp Nurse 20, 258-266.
- 47) Derek R Smith, Ning Wei, Yi-Jie Zhang, Rui-Sheng Wang (2005) Infection control practices among Chinese physicians. Aust Infect Control 10, 137-140.
- 48) Lawrence Smith, Takeshi Tanigawa, Masaya Takahashi, Keiko Mutou, Naoko Tachibana, Yoshiko Kage, Hiroyasu Iso (2005) Shiftwork locus of control, situational and behavioural effects on sleepiness and fatigue in shiftworkers. Ind Health 43, 151-170.
- 49) Kazuhiko Suzukia, RuiSheng Wangb, Hisayo Kubotab, Hisashi Shibuyaa, Junzo Saegusab and Tsuneo Satoa (2005) Kinetics of biglycan, decorin and thrombospondin-1 in mercuric chloride-induced renal tubulointerstitial fibrosis. Exp Mol Pathol 79(1), 68-73.
- 50) Ryo Suzuki, Syunsaku Kobayashi, Hideaki Yoshikawa (2005) Aqueous divalent cations in electrically- coupled iris sphincter muscle cells. In Cations and circumstances. Survey of Eyes 31, 9-13.
- 51) Masaya Takahashi, Tanigawa T, Tachibana N, Mutou K, Kage Y, Smith L, Iso H (2005) Modifying effects of perceived adaptation to shift work on health, wellbeing, and alertness on the job among nuclear power plant operators. Ind Health 43, 171-178.
- 52) Yukio Takahashi, Kazuo Kanada, Yoshiharu Yonekawa, Noriaki Harada (2005) A study on the relationship between subjective unpleasantness and body surface vibrations induced by high-level low-frequency pure tones. Ind Health 43, 580-587.
- 53) Rie Uenishi, Kaoru Suzuki, Shinji Koizumi (2005) Overexpression of heat shock factor 1 masks the heavy metal response of the heat shock protein 70 (hsp70) gene promoter. J Health Sci 51, 242-247.
- 54) Mohsen Vigeha, Kazuhito Yokoyamab, Fateme Ramezanzadehc, Mojgan Dahaghinc, Tadashi Sakaid, Yoko Moritad, Fumihiko Kitamurae, Hajime Satoa and Yasuki Kobayashi (2005) Lead and other trace metals in preeclampsia: A case-control study in Tehran, Iran. Environmental Research 16(E-pub).
- 55) 原 邦夫, 熊谷信二, 山室 朗, 小野真理子, 武田繁夫, 野口淳平, 中明賢二 (2005) 蒸気・ガス状化学物質の職業性曝露濃度推定数理モデルの検証. 労働科学 81, 16-31.
- 56) 川上憲人, 堤 明純, 小林由佳, 廣川空美, 島津明人, 長見まき子, 岩田 昇, 原 谷隆史(2005) 事業場における心の健康づくりの実施状況チェックリストの開発. 産業衛生学雑誌 47, 11-32.
- 57) 明星敏彦(2005)作業環境測定基準に基づく吸入性粉じんとロウボリウムサンプラ 用多段分粒装置の性能評価.産業衛生学雑誌 47,239-245.
- 58) 中島朱美,原谷隆史(2005)医療・福祉従事者の職場ストレスとコーピング_対人援助を業とする職域間・職種間比較.介護福祉学 12,63-73.
- 59) 小嶋 純 (2005) 電気グラインダによる金属研磨作業時の粉じん曝露と対策. 産業 衛生学雑誌 47, 119-121.
- 60) 小嶋 純(2005)作業者の動作が側方吸引式フードの排気効果に及ぼす影響.産業 医科大学雑誌 27, 273-278.

- 61) 奥野 勉,齊藤宏之,北條 稔,神山宣彦(2005)アーク溶接などの作業が発生する紫外放射の有害性の評価.産業医学ジャーナル 28(6),65-71.
- 62) 柴田延幸, 富田直秀 (2005) 再生用 scaffold-軟骨細胞系ミクロ有限要素モデルの 構築 日本臨床バイオメカニクス学会誌、26, 19-25.
- 63) 柴田延幸, 富田直秀 (2004) ビタミン E の抗酸化作用がデラミネーションを含む UHMWPE の疲労特性の向上に及ぼす影響 日本臨床バイオメカニクス学会誌, 25, 357-362. (2004 年補遺)
- 64) 柴田延幸, 富田直秀, 池内 健 (2002) _ 線照射による劣化が UHMWPE のデラミネーション破壊に及ぼす影響 日本臨床バイオメカニクス学会誌 23, 367-371. (2002 年補遺)
- 65) 田淵武夫,熊谷信二,平田 衛,田井中秀嗣,吉田 仁,織田 肇,伊藤昭好(2005) プレス作業を有する小規模事業所における騒音と労働者の聴力低下の実態.産業衛 生学雑誌 47,224-231.
- 66) 丹羽康仁, 富田直秀, 柴田延幸, 山田修一, 寺村聡, 小林広樹 (2004) UHMWPE の微小変形挙動に関する研究 日本臨床バイオメカニクス学会誌,25,363-367. (2004 年補遺)

3. 原著論文に準ずる学会発表の出版物

- 1) Chika Kubota, Ryo Suzuki, Takeshi Okuda (2005) Caffeine, theophylline and iodoacetamide influence on the ciliary muscle and the outflow facility. Food and toxicity. Current Aspects in Eyes. 1355-1360.
- 2) Ippei Mori, Yasutaka Ogawa, Shinji Kumagai, Shigeki Koda, Mitsuo Ueno (2005) Sex ratio of offspring and occupational exposure to fly ash: a historical cohort study of municipal solid waste incinerator workers in Japan. Proceedings of Dioxin 2005 / ISPAC 20, Toronto, ON, August 2005.
- 3) Shin-ichi Sawada (2005) Assessment of local cold tolerance of individuals by using conventional and unconventional methods based on observation of civd reactivity. HFM-126 Specialists Meeting on "Prevention of Cold Injuries", North Atlantic Ttreaty Organisation (NATO) Research and Technology Organisation, NBR-12 p1-6.
- 4) Shin-ichi Sawada, Tatsuo Oka, Hideki Fukuda (2005) Effect of physical exercise before and during finger cooling on cold-induced vasodilatation (CIVD) reactivity and subjective thermal strain in a moderate cold environment. Proceedings of the 3rd International Conference on Human-Environment System ICHES'05 in Tokyo, Japan 12-15 Sep, p164-167.
- 5) Itsuo Sugihara, Ryo Suzuki, Takeshi Ishibashi (2005) Evaluation of retinal circulation in primary open- angle glaucoma and low- tension glaucoma. Current Aspects in Eyes 1325-1328.
- 6) Satoshi Teramura, Nobuyuki Shibata, G Pezzotti, Yasuhito Niwa, Kazuto Tanaka, Koji Murata, Minoru Masuda, Naohide Tomita (2005) The effect of vitamin E addition on microscopic behavior of uhmw polyethylene. Proceedings of the 5th International Forum Biotribology, p45-48.

7) 久保田 均, 孫 健, 久永直見, 毛利一平, 柴田英治 (2005) 鉄骨工の肺がん死亡率はなぜ高いか?. Annals of the Global Asbestos Congress, November 19-21, 2004, Tokyo (CD-ROM).