

SLEEP RELATED PUBLICATIONS

1. Verhaert, V., Haex, B., De Wilde, T., Berckmans, D., Vandekerckhove, M., Verbraecken, J., Vander Sloten, J. (2011). Unobtrusive assessment of motor patterns during sleep based on mattress indentation measurements. *IEEE Transactions on Information Technology in Biomedicine*, 15 (5), 787-794.
2. Wuyts, J., De Valck, E., Vandekerckhove, M., Pattyn, N., Bulckaert, A., Berckmans, D., Haex, B., Verbraecken, J., Cluydts, R. (2011). The influence of pre-sleep cognitive arousal on sleep onset processes. *International Journal of Psychophysiology*, 83 (1), 8-15.
3. Verhaert, V., Haex, B., De Wilde, T., Berckmans, D., Verbraecken, J., De Valck, E., Vander Sloten, J. (2011). Ergonomics in bed design: the effect of spinal alignment on sleep parameters. *Ergonomics: An International Journal of Research and Practice in Human Factors and Ergonomics*, 54 (2), 169-178.
4. Bulckaert, A., Exadaktylos, V., Haex, B., De Valck, E., Verbraecken, J., Berckmans, D. (2011). Elevated Variance in Heart Rate During Slow-Wave Sleep After Late-Night Physical Activity. *Chronobiology International*, 28 (3), 282-284.
5. Bulckaert, A., Vandekerckhove, M., Tambuyzer, T., De Valck, E., Haex, B., Verbraecken, J., Berckmans, D., Exadaktylos, V. (2012). Emotional heart rate component and frontal alpha asymmetry during REM sleep. *International Journal of Psychophysiology*: vol. 85 (3). World congress of psychophysiology. Pisa, Italy, 13-17 Sep 2012, 395.
6. Verhaert, V., De Bruyne, G., De Wilde, T., Van Deun, D., Vandekerckhove, M., Berckmans, D., Verbraecken, J., Haex, B., Vander Sloten, J. (2011). Bed temperature and humidity during sleep in mild thermal conditions. *Sleep: vol. 34 (Abstract Supplement)*. Sleep 2011. Minneapolis, 11-15 June 2011, A109, Abstract No. 0310.
7. Wuyts, J., Verhaert, V., Bulckaert, A., De Bruyne, G., Exadaktylos, V., Berckmans, D., Haex, B., Verbraecken, J., De Valck, E., Pattyn, N., Vandekerckhove, M., Cluydts, R. (2010). The influence of pre-sleep cognitive arousal on sleep onset processes. *Journal of Sleep Research: vol. 19 (s2)*. Congress of the European Sleep Research Society. Lisbon, 14-18 September 2010, 286-286.
8. Verhaert, V., Haex, B., De Wilde, T., Van Deun, D., Wuyts, J., Bulckaert, A., De Bruyne, G., Exadaktylos, V., De Valck, E., Vandekerckhove, M., Verbraecken, J., Berckmans, D., Cluydts, R., Vander Sloten, J. (2010). The effect of mechanical bed properties on sleep parameters in a healthy population. *Journal of Sleep Research: vol. 19 (s2)*. Congress of the European Sleep Research Society. Lisbon, 14-18 September 2010, 363-363.
9. Bulckaert, A., Exadaktylos, V., De Bruyne, G., Haex, B., De Valck, E., Wuyts, J., Verbraecken, J., Berckmans, D. (2010). Heart rate: a marker for sleep fragmentation. 20th Congress of the European Sleep Research Society. Lisbon, Portugal, 14-18 September.

10. Vandekerckhove, M., Houthuys, J., Weiss, E., De Valck, E., Wuyts, J., Exadaktylos, V., Verhaert, V., Bulckaert, A., De Bruyne, G., Berckmans, D., Haex, B., Vander Sloten, J., Verbraecken, J., Cluydts, R. (2010). Effects of Pre-sleep Negative Mood Induction on Subsequent Sleep with Emotion Regulation as Moderating Variable: an Exploratory Study. *Journal of Sleep Research: vol. 19* (s2). 20th Congress of the European Sleep Research Society. Lisbon, Portugal, 14-18 September 2010, 36-36.
11. Verhaert, V., Haex, B., De Wilde, T., Cluydts, R., Berckmans, D., Verbraecken, J., Vander Sloten, J. (2009). Automatic posture recognition during sleep. . World Congress on Ergonomics. Beijing, 9-14 August 2009.
12. De Valck, E., Wuyts, J., Pattyn, N., Vandekerckhove, M., Berckmans, D., Haex, B., Verbraecken, J., Cluydts, R. (2009). Low-intensity light and the restorative effect of sleep. *Psychophysiology, 46*. 49th Annual Meeting of the Society-for-Psychophysiological-Research. Berlin, Germany, Oct 21-24, 2009, S158-S158.
13. Quanten, S., De Valck, E., Mairesse, O., Cluydts, R., Berckmans, D. (2006). Individual and time-varying model between sleep and thermoregulation. *Journal of Sleep Research, 15*. 18th Congress of the European-Sleep-Research-Society. Innsbruck, Austria, 12-16 Sept, 2006, 243-244.
14. De Valck, E., Mairesse, O., Quanten, S., Berckmans, D., Cluydts, R. (2006). Acute stress effects on the MSLT versus the MWT. *Journal of Sleep Research, 15*. 18th Congress of the European-Sleep-Research-Society. Innsbruck, Austria, 12-16 Sept, 2006, 132-132.
15. Quanten, S., De Valck, E., Mairesse, O., Cluydts, R., Berckmans, D. (2006). Individual and time-varying model between sleep and thermoregulation. Proceedings of 18th International conference of the European Sleep Research Society (ESRS). Austria, 12-16 September (pp. 1-1).
16. Quanten, S., De Valck, E., Cluydts, R., Berckmans, D. (2005). Individual model for the feedback connection between thermoregulation and sleep. Proceedings of Interim Congress of the World Federation of Sleep Research and Sleep Medicine Societies (WFSRSMS). India, 22-26 September 2005 (pp. 1-6).
17. De Valck, E., Quanten, S., Berckmans, D., Cluydts, R. (2007). Simulator driving performance, subjective sleepiness and salivary cortisol in a fast-forward versus a slow-backward rotating shift system. *Scandinavian journal of work environment & health, 33* (1), 51-57.
18. Quanten, S., De Valck, E., Cluydts, R., Berckmans, D. (2006). Thermoregulatory changes at driver sleepiness. *International journal of vehicle design, 42* (1-2), 87-100.
19. Quanten, S., de Valck, E., Cluydts, R., Aerts, J., Berckmans, D. (2006). Individualized and time-variant model for the functional link between thermoregulation and sleep onset. *Journal of sleep research, 15* (2), 183-198.
20. De Valck, E., Mairesse, O., Quanten, S., Berckmans, D., Cluydts, R. (2007). Habitual long versus habitual short sleepers: Cortisol secretion in response to 36 hours of total sleep deprivation. *Sleep, 30*, A144-A144.

21. De Valck, E., Quanten, S., Berckmans, D., Cluydts, R. (2006). Simulator driving performance in a fast forward versus a slow backward rotating shift system. *Sleep*, 29, A55-A56.
22. De Valck, E., Quanten, S., Berckmans, D., Cluydts, R. (2006). Simulator driving performance in a fast forward versus a slow backward rotating shift system. *Sleep*, 29. 20th Annual Meeting of the Associated-Professional-Sleep-Societies. Salt Lake City, 17-22 June, 2006, A55-A56.
23. Quanten, S., De Valck, E., Cluydts, R., Berckmans, D. (2004). Thermoregulatory responses in driver sleepiness. (pp. 1-1).
24. Quanten, S., Claes, S., Van Brecht, A., Aerts, J., Berckmans, D. (2004). Thermal comfort (PMV) and Metabolic Rate as dynamic monitors for driver sleepiness. Proceedings of Roomvent 9th international conference on air distribution in rooms. Portugal, 5-8 September (pp. 388-390).
25. De Valck, E., Quanten, S., Cluydts, R., Berckmans, D. (2005). Trait characteristics of sleep tendency and arousal, 1-6.