

Publikationsliste Mitarbeiter Sportmedizin - 2011

Originalarbeiten:

1. Beiter, T., Fragasso, A., Hudemann, J., Niess, A. M., & Simon, P. Short-Term Treadmill Running as a Model for Studying Cell-Free DNA Kinetics In Vivo. *Clin.Chem.* 2011. 57(4): 633-636.
2. Beiter, T., Zimmermann, M., Fragasso, A., Hudemann, J., Niess, A. M., Bitzer, M., Lauer, U. M., & Simon, P. Direct and long-term detection of gene doping in conventional blood samples. *Gene Ther.* 2011. 18(3): 225-231.
3. Best, R., Bauer, G., Niess, A., & Striegel, H. [Return to play decisions in professional soccer: a decision algorithm from a team physician's viewpoint]. *Z.Orthop.Unfall.* 2011. 149(5): 582-587.
4. Betsch, M., Wild, M., Jungbluth, P., Hakimi, M., Windolf, J., Haex, B., Horstmann, T., & Rapp, W. Reliability and validity of 4D rasterstereography under dynamic conditions. *Comput.Biol.Med.* 2011. 41(6): 308-312.
5. Betsch, M., Schnependahl, J., Dor, L., Jungbluth, P., Grassmann, J. P., Windolf, J., Thelen, S., Hakimi, M., Rapp, W., & Wild, M. Influence of foot positions on the spine and pelvis. *Arthritis Care Res.(Hoboken.)*. 2011. 63(12): 1758-1765.
6. Fritz, B., Rombach, S., Godau, J., Berg, D., Horstmann, T., & Grau, S. The influence of Nordic Walking training on sit-to-stand transfer in Parkinson patients. *Gait.Posture.* 2011. 34(2): 234-238.
7. Gerst, A., Krauss, I., Horstmann, T., & Grau, S. Lassen sich subjektiver Tragekomfort und Fußform durch Schuhe ändern? *Orthopädieschuhtechnik.* 2011. 2011(2): 22-26.
8. Grau, S., Krauss, I., Maiwald, C., Axmann, D., Horstmann, T., & Best, R. Kinematic classification of iliotibial band syndrome in runners. *Scand.J Med Sci Sports.* 2011. 21(2): 184-189.
9. Krauss, I., Langbein, C., Horstmann, T., & Grau, S. Sex-related differences in foot shape of adult Caucasians - a follow-up study focusing on long and short feet. *Ergonomics.* 2011. 54(3): 294-300.

10. Maiwald, C., Axmann, D., & Grau, S. Measurement error in footwear research biomechanics. *Footwear Science*. 2011. 3(2): 117-124.
11. Reimann, A. J., Tsiflikas, I., Pecha, S., Blumenstock, G., Teufel, M., Drosch, T., Heuschmid, M., Schroder, S., Claussen, C. D., & Burgstahler, C. Prognostic value of significant and non-significant coronary artery stenosis detection using MDCT for major adverse cardiac events. *Int J.Cardiol*. 2011. 149(1): 126-128.
12. Steinhilber, B., Haupt, G., Boeer, J., Grau, S., & Krauss, I. Reproducibility of concentric isokinetic and isometric strength measurements at the hip in patients with hip osteoarthritis: A preliminary study. *Isokinet Exerc Sci*. 2011. 19: 39-46.
13. Synofzik, M., Schicks, J., Lindig, T., Biskup, S., Schmidt, T., Hansel, J., Lehmann-Horn, F., & Schols, L. Acetazolamide-responsive exercise-induced episodic ataxia associated with a novel homozygous DARS2 mutation. *J.Med.Genet*. 2011. 48(10): 713-715.
14. Thomas, C., Wojtczyk, H., Rempff, H., Clasen, S., Horger, M., von Lassberg C., Fritz, J., Claussen, C. D., & Pereira, P. L. Carbon fibre and nitinol needles for MRI-guided interventions: First in vitro and in vivo application. *Eur.J.Radiol*. 2011. 79(3): 353-358.
15. Totsikas, C., Rohm, J., Kantartzis, K., Thamer, C., Rittig, K., Machann, J., Schick, F., Hansel, J., Niess, A., Fritsche, A., Haring, H. U., & Stefan, N. Cardiorespiratory fitness determines the reduction in blood pressure and insulin resistance during lifestyle intervention. *J.Hypertens*. 2011. 29(6): 1220-1227.
16. Walterspacher, S., Scholz, T., Tetzlaff, K., & Sorichter, S. Breath-hold diving: respiratory function on the longer term. *Med.Sci.Sports Exerc*. 2011. 43(7): 1214-1219.

Briefe:

1. Löllgen, H., Leyk, D., & Hansel, J. In Reply: The Pre-Participation Examination for Leisure Time Physical Activity: General Medical and Cardiological Issues. *Dtsch Arztebl Int*. 2011. 108(1-2): 10.
2. Reimann, AJ., Tsiflikas, I., Pecha, S., Blumenstock, G., Teufel, M., Drosch, T., Heuschmid, M., Schröder, S., Claussen, CD., & Burgstahler, C. Prognostic value of significant and non-significant coronary artery stenosis detection using MDCT for major adverse cardiac events. *Int J Cardiol*. 2011. 149(1): 126-128.

Zitierfähige Abstracts:

1. Fritz, B., Schmeltzpfenning, T., Pank, C., & Grau, S. Influencing variables on 3D measured foot length during gait in children and adolescents. *Footwear Science*. 2011. 3(S1): S53-S54.
2. Hein, T., Janssen, P., Wagner-Fritz, U., & Grau, S. The influence of footwear and ankle kinematics on the development of overuse injuries in runners. A prospective study. *Footwear Science*. 2011. 3(S1): S72-S73.
3. Schmeltzpfenning, T., Plank, C., Fritz, B., Aswendt, P., & Grau, S. 3D dynamic behaviour of foot structure may provide additional information for last design. *Footwear Science*. 2011. 3(S1): S147-S148.