

## LISTA LUCRĂRILOR

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- [1] M. Voinescu, A. Davidescu, C. Faur, “Prosthetic designs for lower limb amputees”, *Revista de ortopedie si traumatologie*, ISSN 1454-6213, MIRTON, Timisoara, Romania, Nr.3 (15), pp.55-60, 2009.
- [2] M. Voinescu, A. Davidescu, V. Argesanu, “Ergonomical study regarding working in standing and seating postures”, *Proceedings of 20th DAAAM World Symposium "Intelligent Manufacturing & Automation": "Theory, Practice & Education"*, Vienna, Austria, pp 109-110, 2009.
- [3] M. Voinescu, D.P. Soares, M.P. Castro, A.T. Marques & R.N. Jorge, “The use of muscle recruitment algorithms to better assess problems for children with gait deficiency”, *Proceedings of 6th International Conference on Technology and Medical Sciences*, Porto, Portugalia, pp 285-288, Oct. 2010.
- [4] M. Voinescu, A. Davidescu, C. Florea, K. Berdich, “Automatic synchronization for gait data using Matlab”, *Applied computing conference (ACC): Selected topics in Applied Computing*, Timisoara, Romania, pp 39-40, Oct. 2010.
- [5] M. Voinescu, A. Sabaleuski, K. Berdich, A. Davidescu, “Comparative study between normal and transtibial gait”, *Proceedings of 21th DAAAM World Symposium "Intelligent Manufacturing & Automation": "Focus on Interdisciplinary Solutions"*, Zadar, Croatia, pp 637-638, Oct. 2010.
- [6] M. Voinescu, D. Soares, M. de Castro, E. Mendes, A. Davidescu, L. Machado, “A study of moments acting on the tibia during gait in the active elderly population”, *29th Annual Conference of the International Society of Biomechanics in Sports*, pp. 578-575, Iul. 2011.
- [7] M. Voinescu, A. Davidescu, “The influence of shoe heel height on the muscular activity of the thigh during walking”, *Proceedings of the International Conference E-Health and Bioengineering - "EHB 2011"*, ISBN 978-606-544-078-4, Noi. 2011. – IEEE.
- [8] M. Voinescu, D. Soares, R. Natal, A. Davidescu, L. Machado, “Estimation of the forces generated by the thigh muscles for transtibial amputee gait”, *Journal of Biomechanics*, 2012, doi:10.1016/j.jbiomech.2012.01.010.