

15. Fukuda, T.Y., Echeimberg, J.O., Pompeu, J.E., Garcia Lucareli, P.R., Garbelotti, S., Gimenes, R.O. and Apolinario, A., *Root Mean Square value of the electromyographic signal in the isometric torque of the quadriceps, hamstrings and brachial biceps muscles in female subjects*. Journal of Applied Research, 2010. **10**(1): p. 32-39.
16. Fele-Žorž, G., Kavšek, G., Novak-Antolič, Ž. and Jager, F., *A comparison of various linear and non-linear signal processing techniques to separate uterine EMG records of term and pre-term delivery groups*. Medical and Biological Engineering and Computing, 2008. **46**(9): p. 911-922.
17. Xie, H.-B., Guo, J.-Y. and Zheng, Y.-P. *Fuzzy approximate entropy analysis of chaotic and natural complex systems: detecting muscle fatigue using electromyography signals*. in *Annals of Biomedical Engineering*. 2010.
18. Karlsson, S., Jun, Y. and Akay, M., *Enhancement of spectral analysis of myoelectric signals during static contractions using wavelet methods*. Biomedical Engineering, IEEE Transactions on, 1999. **46**(6): p. 670-684.
19. Richman, J.S. and Moorman, J.R., *Physiological time-series analysis using approximate entropy and sample entropy*. American Journal of Physiology - Heart and Circulatory Physiology, 2000. **278**(6): p. H2039-H2049.
20. Mengi, Y., Liu, B. and Liu, Y. *A comprehensive nonlinear analysis of electromyogram*. in *Proceedings of the 23rd Annual International Conference of the IEEE*. 2001.
21. Lake, D.E., Richman, J.S., Griffin, P.M. and Moorman, R.J., *Sample entropy analysis of neonatal heart rate variability*. American Journal of Physiology - Heart and Circulatory Physiology, 2002. **283**(3): p. R789-R797.
22. Chen, W., Wang, Z., Xie, H. and Yu, W., *Characterization of Surface EMG Signal Based on Fuzzy Entropy*. Neural Systems and Rehabilitation Engineering, IEEE Transactions on, 2007. **15**(2): p. 266-272.
23. Xie, H.-B., Chen, W.-T., He, W.-X. and Liu, H., *Complexity analysis of the biomedical signal using fuzzy entropy measurement*. Appl. Soft Comput., 2011. **11**(2): p. 2871-2879.
24. Konrad, P., *The ABC of EMG. A Practical Introduction to Kinesiological Electromyography*. 1 ed. Vol. 1. 2005: Noraxon INC. USA. 42.
25. Onishi, H., Yagi, R., Akasaka, K., Momose, K., Ihashi, K. and Handa, Y., *Relationship between EMG signals and force in human vastus lateralis muscle using multiple bipolar wire electrodes*. Journal of Electromyography and Kinesiology, 2000. **10**(1): p. 59-67.
26. Kellis, E. and Baltzopoulos, V., *The effects of normalization method on antagonistic activity patterns during eccentric and concentric isokinetic knee extension and flexion*. Journal of Electromyography and Kinesiology, 1996. **6**(4): p. 235-245.
27. Govindan, R.B., Wilson, J.D., Eswaran, H., Lowery, C.L. and **Preißl**, H., *Revisiting sample entropy analysis*. Physica A: Statistical Mechanics and its Applications, 2007. **376**(0): p. 158-164.