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- Geman, O., Ungurean, I., Popa, V., Turcu, C. O. and Găitan, N. C. (2012). Gait in Parkinson's Disease-signal processing and modeling. In 11th International Conference on development and application system, Suceava, Romania.
- Guyon, I.; Elisseeff, A. (2013). An introduction to variable and feature selection. *Journal of machine learning research*, 3, pages 1157–1182.
- Harrington, P. (2012). *Machine learning in action* (Vol. 5). Greenwich, CT: Manning.
- Kamath, C. (2015). A Novel Approach to Unravel Gait Dynamics Using Symbolic Analysis. *Open Access Library Journal*, 2(05), 1.
- Kim, S. D., Allen, N. E., Canning, C. G., Fung, V. S. (2013). Postural instability in patients with Parkinson's disease. *CNS drugs*, 27(2), 97-112.
- Lee, S. H., Lim, J. S. (2012). Parkinson's disease classification using gait characteristics and wavelet-based feature extraction. *Expert Systems with Applications*, 39(8), 7338-7344.
- Pant, J. K., Krishnan, S. (2014). Foot gait time series estimation based on support vector machine. In Engineering in Medicine and Biology Society (EMBC), 2014 36th Annual International Conference of the IEEE, pages 6410-6413.
- Physionet (2016). "Gait in Parkinson's Disease". Homepage disponível em: <<https://physionet.org/physiobank/database/gaitpdb/>>, Março.
- Postuma, R. B. (2012). Identifying prodromal parkinson's disease: Pre-motor disorders in parkinson's disease. *Movement Disorders*. Wiley Online Library, 27(5): 617–626.
- Salvatore, C., Cerasa, A., Castiglioni, I., Gallivanone, F., Augimeri, A., Lopez, M. and Quattrone, A. (2014). Machine learning on brain MRI data for differential diagnosis of Parkinson's disease and Progressive Supranuclear Palsy. *Journal of Neuroscience Methods*, 222, 230-237.
- Stegemöller, E. L., Buckley, T. A., Pitsikoulis, C., Barthelemy, E., Roemmich, R., Hass, C. J. (2012). Postural instability and gait impairment during obstacle crossing in Parkinson's disease. *Archives of physical medicine and rehabilitation*, 93(4), 703-709.
- Tan, L. C (2013). Epidemiology of parkinson's disease. *Neurology Asia*, 18(3): 231–238.
- Willis, A. W. (2010). Geographic and ethnic variation in parkinson disease: a population-based study of us medicare beneficiaries. *Neuroepidemiology*. Karger Publishers, 34(3): 143–151.
- Zaknich, A. (2006). *Principles of adaptive filters and self-learning systems*. Springer Science & Business Media.
- Zhang, Y., Wang, S., Phillips, P., & Ji, G. (2014). Binary PSO with mutation operator for feature selection using decision tree applied to spam detection. *Knowledge-Based Systems*, 64, 22-31.