- Beange, K. H. E., Chan, A. D. C., Beaudette, S. M., & Graham, R. B. (2019). Concurrent validity of a wearable IMU for objective assessments of functional movement quality and control of the lumbar spine. *Journal of Biomechanics*, *97*, 109356. https://doi.org/10.1016/j.jbiomech.2019.109356
- Bousch, B., Braun, R., & Buatois, S. (2015). Est-il possible d'évaluer la force des spinaux lombaires avec un pèse-personne? *Kinésithérapie*, *la Revue*, *15*(158), 22. https://doi.org/10.1016/j.kine.2014.11.024
- Bradley, E., & Kantz, H. (2015). Nonlinear time-series analysis revisited. *Chaos: An Interdisciplinary Journal of Nonlinear Science*, 25(9), 097610. https://doi.org/10.1063/1.4917289
- Celletti, C., Mollica, R., Ferrario, C., Galli, M., & Camerota, F. (2020). Functional Evaluation Using Inertial Measurement of Back School Therapy in Lower Back Pain. *Sensors*, 20(2), 531. https://doi.org/10.3390/s20020531
- Chalimourdas, A., Dimitriasdis, Z., Kapreli, E., & Strimpakos, N. (2021). Test re-test reliability and concurrent validity of cervical active range of motion in young asymptomatic adults using a new inertial measurement unit device. *Expert Review of Medical Devices*, 18(10), 1029-1037. https://doi.org/10.1080/17434440.2019.1696675
- Cignetti, F., Schena, F., & Rouard, A. (2009). Effects of fatigue on inter-cycle variability in cross-country skiing. *Journal of Biomechanics*, 42(10), 1452-1459. https://doi.org/10.1016/j.jbiomech.2009.04.012
- Descarreaux, M., Blouin, J.-S., & Teasdale, N. (2005). Repositioning accuracy and movement parameters in low back pain subjects and healthy control subjects. *European Spine Journal*, *14*(2), 185-191. https://doi.org/10.1007/s00586-004-0833-y
- Falla, D., Gizzi, L., Tschapek, M., Erlenwein, J., & Petzke, F. (2014). Reduced task-induced variations in the distribution of activity across back muscle regions in individuals with low back pain. *Pain*, *155*(5), 944-953. https://doi.org/10.1016/j.pain.2014.01.027
- Fewster, K. M., Gallagher, K. M., Howarth, S. H., & Callaghan, J. P. (2020). Low back pain development differentially influences center of pressure regularity following prolonged standing. *Gait & Posture*, 78, e1-e6. https://doi.org/10.1016/j.gaitpost.2017.06.005
- Galbusera, F., Casaroli, G., & Bassani, T. (2019). *Artificial intelligence and machine learning in spine research*. 20. https://doi.org/10.1002/jsp2.1044