

Publications – High Density EMG

- 1) Afsharipour, B., Sandhu, M. S., Rasool, G., Suresh, N. L., & Rymer, W. Z. (2016). Using surface electromyography to detect changes in innervation zones pattern after human cervical spinal cord injury. *38th International Conference of the IEEE Engineering in Medicine and Biology Society*, 3757–3760. <https://doi.org/10.1109/EMBC.2016.7591545>
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- 8) Li, Y., Chen, X., Zhang, X., & Zhou, P. (2014). Several practical issues toward implementing myoelectric pattern recognition for stroke rehabilitation. *Medical Engineering and Physics*, 36(6), 754–760. <https://doi.org/10.1016/j.medengphy.2014.01.005>
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- 10) Liu, J., Zhou, P., & Member, S. (2013). A Novel Myoelectric Pattern Recognition Strategy for Hand Function Restoration After Incomplete Cervical Spinal Cord Injury. *Ieee Tnsre*, 21(1), 96–103.
- 11) Liu, Y., Ning, Y., He, J., Li, S., Zhou, P., & Zhang, Y. (2014). Internal muscle activity imaging from multi-channel surface EMG recordings: a validation study. *Conference Proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference, 2014*, 3559–3561. <https://doi.org/10.1109/EMBC.2014.6944391>

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- 23) Zhu, M., Yang, W., Samuel, O. W., Xiang, Y., Huang, J., Li, G., & Member, S. (2016). A Preliminary Evaluation of Myoelectrical Energy Distribution of the front neck muscles in Pharyngeal Phase during Normal Swallowing, (August), 1700–1703. <https://doi.org/10.1109/EMBC.2016.7591043>