

**Prof. Roberto Merletti, Ph.D.**

**Elenco completo delle pubblicazioni inerenti sEMG, Novembre 2020.**

**Pubblicazioni: Libri e capitoli di libri**

1. Hermens H., Freriks B, Merletti R., Stegeman D., Blok J., Rau G., Disselhorst-Klug C., Hagg G., European Recommendations for Surface Electromyography, RRD publish. ISBN 90-75452-15-2, 1999.
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3. Merletti (editor) , Elementi di elettromiografia di superficie, Coop. Lib. Univ. Torinese (CLUT), ISBN 88-7922-153-3, 2000
4. Pozzo M., Farina D., Merletti R., Electromyography: detection, processing and applications, in: Handbook of biomedical technology and devices, J. E. Moore (ed.), CRC Press, 2003
5. Farina D., Filligoi G.C., Merletti R., Analisi di segnali EMG di superficie per lo studio del controllo motorio. In "Bioingegneria della postura e del movimento" Cappello A., Cappelozzo A., di Prampero P.E. (Eds.), Patron Editore (Pub.), pp. 281-306, 2003
6. Merletti R., Medicina del lavoro: valutazioni tramite EMG di superficie. In "Bioingegneria della postura e del movimento" Cappello A., Cappelozzo A., di Prampero P.E. (Eds.), Patron Editore (Pub.), pp. 495-510, 2003
7. Merletti R., Marchetti M., Contardo V., Veronica M., Applicazioni dell'EMG di superficie in riabilitazione sportiva, cap. 4.7 del testo "La Spalla e lo Sport", Masson,
8. Merletti R., Parker P.A. (eds.), Electromyography: Physiology, engineering and non invasive applications, IEEE Press / J Wiley, USA, 2004
9. Barbero M., Rainoldi A, Merletti R. Atlas of muscle innervation zones: understanding surface EMG and its applications, Springer, Italy 2012
10. Merletti R, Farina D. (eds) Surface Electromyography: physiology, engineering and applications, IEEE Press / J Wiley, USA, May 2016
11. Merletti R., Pelvic floor EMG: principles, technique and applications, Ch 7 of " Childbirth related pelvic floor dysfunctions", Springer 2016.

## **Pubblicazioni su riviste “peer-reviewed”.**

1. Merletti R, V. Kirilkuc, E. Corson, S. Corson, D. Patel, Instrumentation for the maintenance of an open loop condition in the body fluid volume control system of small laboratory animals and for the automatic recording of urine flow and conductivity during antidiuretic hormone bioassay, *Med. and Biol. Eng.*, v. 11, pg. 480-488, 1972.
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4. Merletti R, F. Zelaschi, D. Latella, M. Galli, S. Angeli, M. Bellucci Sessa, A control study of muscle force recovery in hemiparetic patients during treatment with functional electrical stimulation, *Scand. J. of Phys. Med. and Rehab.*, v. 10, pg. 147-154, 1978.
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