

## List of Publications

1. Massimo Patanè, Luca Carmisciano, Elvis Hysa, Emanuele Gotell, Alberto Sulli, Sabrina Paolino, Vanessa Smith, Maurizio Cutolo. Engineered glove to evaluate hand disability in rheumatoid arthritis: A pilot-study. *Joint Bone Spine* 89 (2022) 105272. <https://doi.org/10.1016/j.jbspin.2021.105272>
2. Prada V, Mori L, Prato E, Hamedani M, Accogli S, Grandis M, Schenone A. Comparison of Strength and Dexterity in Professional and Student Violinists: Setting Foundations to Guide Rehabilitation. *Med Probl Perform Art*. 2020 Sep;35(3):130-137.
3. Prada V, Robbiano G, Mennella G, Hamedani M, Bellone E, Grandis M, Schenone A, Zuccarino R. Validation of a new hand function outcome measure in individuals with Charcot-Marie-Tooth disease. *J Peripher Nerv Syst*. 2020 Dec;25(4):413-422. doi: 10.1111/jns.12421.
4. Boffa G, Tacchino A, Sbragia E, Schiavi S, Droby A, Piaggio N, Bommarito G, Girardi G, Mancardi GL, Brichetto G, Inglese M. Preserved brain functional plasticity after upper limb task-oriented rehabilitation in progressive multiple sclerosis. *Eur J Neurol*. 2020 Jan;27(1):77-84. doi: 10.1111/ene.14059. Epub 2019 Sep 20. PubMed PMID: 31419353.
5. Bonzano L, Bove M, Sormani MP, Stromillo ML, Giorgio A, Amato MP, Tacchino A, Mancardi GL, De Stefano N. Subclinical motor impairment assessed with an engineered glove correlates with magnetic resonance imaging tissue damage in radiologically isolated syndrome. *Eur J Neurol*. 2019 Jan;26(1):162-167. doi:10.1111/ene.13789. Epub 2018 Sep 24. Erratum in: *Eur J Neurol*. 2019 May;26(5):830. PubMed PMID: 30133054.
6. Gervasoni E, Cattaneo D, Bertoni R, Grosso C, Bisio A, Rovaris M, Bove M. Effect of arm cycling and task-oriented exercises on fatigue and upper limb performance in multiple sclerosis: a randomized crossover study. *Int J Rehabil Res*. 2019 Sep 12. doi: 10.1097/MRR.0000000000000362. [Epub ahead of print] PubMed PMID: 31524664.
7. Prada V, Mori L, Accogli S, Rivarola M, Schizzi S, Hamedani M, Schenone A. Testing overwork weakness in Charcot-Marie-tooth disease: Is it true or false? *J Peripher Nerv Syst*. 2018 Jun;23(2):124-128. doi: 10.1111/jns.12270. Epub 2018 May 7. PubMed PMID: 29693294.
8. Bisio A, Avanzino L, Biggio M, Ruggeri P, Bove M. Motor training and the combination of action observation and peripheral nerve stimulation reciprocally interfere with the plastic changes induced in primary motor cortex excitability. *Neuroscience*. 2017 Apr 21;348:33-40. doi: 10.1016/j.neuroscience.2017.02.018. Epub 2017 Feb 15. PubMed PMID: 28214579.
9. Martino D, Delorme C, Pelosin E, Hartmann A, Worbe Y, Avanzino L. Abnormal lateralization of fine motor actions in Tourette syndrome persists into adulthood. *PLoS One*. 2017 Jul 14;12(7):e0180812. doi: 10.1371/journal.pone.0180812. eCollection 2017. PubMed PMID: 28708864; PubMed Central PMCID: PMC5510833.
10. Portaro S, Russo M, Naro A, Bramanti A, Bramanti P, Rodolico C, Calabrò RS. Advances in assessing myotonia: Can sensor-engineered glove have a role? *J Neurol Sci*. 2017 Apr 15;375:3-7. doi: 10.1016/j.jns.2017.01.038. Epub 2017 Jan 12. PubMed PMID: 28320154.

11. Signori A, Sormani MP, Schiavetti I, Bisio A, Bove M, Bonzano L. Quantitative assessment of finger motor performance: Normative data. *PLoS One*. 2017 Oct 18;12(10):e0186524. doi: 10.1371/journal.pone.0186524. eCollection 2017. PubMed PMID: 29045480; PubMed Central PMCID: PMC5646860.
12. Martino D, Tamburini T, Zis P, Rosoklija G, Abbruzzese G, Ray-Chaudhuri K, Pelosin E, Avanzino L. An objective measure combining physical and cognitive fatigability: Correlation with subjective fatigue in Parkinson's disease. *Parkinsonism Relat Disord*. 2016 Nov;32:80-86. doi:10.1016/j.parkreldis.2016.08.021. Epub 2016 Aug 31. PubMed PMID: 27600158.
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  29. Bonzano L, Tacchino A, Roccatagliata L, Sormani MP, Mancardi GL, Bove M. Impairment in explicit visuomotor sequence learning is related to loss of microstructural integrity of the corpus callosum in multiple sclerosis patients with minimal disability. *Neuroimage*. 2011 Jul 15;57(2):495-501. doi:10.1016/j.neuroimage.2011.04.037. Epub 2011 Apr 30. PubMed PMID: 21549844.
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