

Selected publications

1. Petzold A, Balcer LJ, Calabresi PA, Costello F, Frohman TC, Frohman EM, Martinez-Lapiscina EH, Green AJ, Kardon R, Outteryck O, Paul F, Schippling S, Vermersch P, Villoslada P, Balk LJ; ERN-EYE IMSVISUAL Retinal layer segmentation in multiple sclerosis: a systematic review and meta-analysis. *Lancet Neurol.* 2017 16(10):797-812
2. Hardmeier M, Leocani L, Fuhr P. A new role for evoked potentials in MS? Repurposing evoked potentials as biomarkers for clinical trials in MS. *Mult Scler.* 2017;23(10):1309-1319
3. Martinelli V, Dalla Costa G, Messina MJ, Di Maggio G, Sangalli F, Moiola L, Rodegher M, Colombo B, Furlan R, Leocani L, Falini A, Comi G. Multiple biomarkers improve the prediction of multiple sclerosis in clinically isolated syndromes. *Acta Neurol Scand.* 2017;136(5):454-461
4. Ferrari L, Huang SC, Magnani G, Ambrosi A, Comi G, Leocani L. Optical Coherence Tomography Reveals Retinal Neuroaxonal Thinning in Frontotemporal Dementia as in Alzheimer's Disease. *J Alzheimers Dis.* 2017;56(3):1101-1107
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9. Pennucci R, Talpo F, Astro V, Montinaro V, Morè L, Cursi M, Castoldi V, Chiaretti S, Bianchi V, Marenga S, Cambiaghi M, Tonoli D, Leocani L, Biella G, D'Adamo P, de Curtis I. Loss of Either Rac1 or Rac3 GTPase Differentially Affects the Behavior of Mutant Mice and the Development of Functional GABAergic Networks. *Cereb Cortex.* 2016;26(2):873-890
10. Chieffo R, Straffi L, Inuggi A, Gonzalez-Rosa JJ, Spagnolo F, Coppi E, Nuara A, Houdayer E, Comi G, Leocani L. Motor Cortical Plasticity to Training Started in Childhood: The Example of Piano Players. *PLoS One.* 2016 23;11
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12. Leocani L, Rocca MA, Comi G. MRI and neurophysiological measures to predict course, disability and treatment response in multiple sclerosis. *Curr Opin Neurol.* 2016; 29:243-53.
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19. Coppi E, Houdayer E, Chieffo R, Spagnolo F, Inuggi A, Straffi L, Comi G, Leocani L. Age-related changes in motor cortical representation and interhemispheric interactions: a transcranial magnetic stimulation study. *Front Aging Neurosci.* 2014 Aug 11;6:209.
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