

Prof. Giancarlo Comi's publication of year 2016

- 1 Preziosa P, Comi G, Filippi M. Optic neuritis in multiple sclerosis: looking from a patient's eyes. *Neurology* 2016;87(3):338-9. doi: 10.1212/WNL.0000000000002869. IF 8.320
- 2 Vacchi L, Rocca MA, Meani A, Rodegher M, Martinelli V, Comi G, Falini A, Filippi M. Working memory network dysfunction in relapse-onset multiple sclerosis phenotypes: a clinical-imaging evaluation. *Mult Scler* 2016. pii: 1352458516656809. Doi 10.1177/1352458516656809 IF 4.840
- 3 D'Amico E, Leone C, Graziano G, Amato MP, Bergamaschi R, Cavalla P, Coniglio G, Di Battista G, Ferrò MT, Granella F, Granieri E, Lugesesi A, Lus G, Millefiorini E, Pozzilli C, Tedeschi G, Zappia M, Comi G, Trojano M, Lepore V, Patti F. The use of immunosuppressant therapy for multiple sclerosis in Italy: a multicenter retrospective study. *Plos One* 2016;11(6):e0157721. doi: 10.1371/journal.pone.0157721. IF 2.806
- 4 Sormani MP, Gasperini C, Romeo M, Rio J, Calabrese M, Cocco E, Enzinger C, Fazekas F, Filippi M, Gallo A, Kappos L, Marrosu MG, Martinelli V, Prosperini L, Rocca MA, Rovira A, Sprenger T, Stromillo ML, Tedeschi G, Tintorè M, Tortorella C, Trojano M, Montalban X, Pozzilli C, Comi G, De Stefano N; MAGNIMS study group. Assessing response to interferon-beta in a multicenter dataset of patients with MS. *Neurology* 2016;87(2):134-40. doi: 10.1212/WNL.0000000000002830. IF 8.320
- 5 Annovazzi P, Capobianco M, Moiola L, Patti F, Frau J, Uccelli A, Centonze D, Perini P, Tortorella C, Prosperini L, Lus G, Fuiani A, Falcini M, Martinelli V, Comi G, Ghezzi A. Rituximab in the treatment of Neuromyelitis optica: a multicentre Italian observational study. *J Neurol* 2016;263(9):1727-1735. Doi 10.1007/s00415-016-8188-y IF 3.389
- 6 Martinelli V, Dalla Costa G, Moiola L, Pavan G, Diotti RA, De Riz MA, Gerevini S, Comi G. Progressive ataxia in a natalizumab-treated multiple sclerosis patient: the dark side of JC virus infection. *Eur J Neurol* 2016;23(7):e39-40. doi: 10.1111/ene.13027 IF 3.988
- 7 Mäurer M, Comi G, Freedman MS, Kappos L, Olsson TP, Wolinsky JS, Miller AE, Dive-Pouletty C, Bozzi S, O'Connor PW. Multiple sclerosis relapses are associated with increased fatigue and reduced health-related quality of life – a post hoc analysis of the TEMSO and TOWER studies. *Mult Scler Relat Disord* 2016;7:33-40. doi: 10.1016/j.msard.2016.02.012. IF 2.349
- 8 Baroncini D, Ghezzi A, Annovazzi PO, Colombo B, Martinelli V, Minonzio G, Moiola L, Rodegher M, Zaffaroni M, Comi G. Natalizumab versus fingolimod in patients with relapsing-remitting multiple sclerosis non-responding to first-line injectable therapies. *Mult Scler* 2016. pii: 1352458516650736. IF 4.840
- 9 Otero-Romero S, Sastre-Garriga J, Comi G, Hartung HP, Soelberg Sørensen P, Thompson AJ, Vermersch P, Gold R, Montalban X. Pharmacological management of

spasticity in multiple sclerosis: systematic review and consensus paper. *Mult Scler* 2016. pii: 1352458516643600. IF 4.840

- 10 Schippling S, O'Connor P, Knappertz V, Pohl C, Bogumil T, Suarez G, Cook S, Filippi M, Hartung HP, Comi G, Jeffery DR, Kappos L, Goodin DS, Arnason B. Incidence and course of depression in multiple sclerosis in the multinational BEYOND trial. *J Neurol* 2016;263(7):1418-26. doi: 10.1007/s00415-016-8146-8 IF 3.389
- 11 Patti F, Messina S, Solaro C, Amato MP, Bergamaschi R, Bonavita S, Bruno Bossio R, Brescia Morra V, Costantino GF, Cavalla P, Centonze D, **Comi G**, Cottone S, Danni M, Francia A, Gajofatto A, Gasperini C, Ghezzi A, Iudice A, Lus G, Maniscalco GT, Marrosu MG, Matta M, Mirabella M, Montanari E, Pozzilli C, Rovaris M, Sessa E, Spitaleri D, Trojano M, Valentino P, Zappia M; SA.FE. study group. Efficacy and safety of cannabinoid oromucosal spray for multiple sclerosis spasticity. *J Neurol Neurosurg Psychiatry* 2016. doi: 10.1136/jnnp-2015-312591. IF 7.349
- 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(3):243-53. doi: 10.1097/WCO.0000000000000333. IF 4.699
- 13 Martinez-Lapiscina EH, Arnow S, Wilson JA, Saidha S, Preiningerova JL, Oberwahrenbrock T, Brandt AU, Pablo LE, Guerrieri S, Gonzalez I, Outteryck O, Mueller AK, Albrecht P, Chan W, Lukas S, Balk LJ, Fraser C, Frederiksen JL, Resto J, Frohman T, Cordano C, Zubizarreta I, Andorra M, Sanchez-Dalmau B, Saiz A, Bermel R, Klistorner A, Petzold A, Schippling S, Costello F, Aktas O, Vermersch P, Oreja-Guevara C, Comi G, Leocani L, Garcia-Martin E, Paul F, Havrdova E, Frohman E, Balcer LJ, Green AJ, Calabresi PA, Villoslada P; IMSVISUAL consortium. Retinal thickness measured with optical coherence tomography and risk of disability worsening in multiple sclerosis: a cohort study. *Lancet Neurol* 2016;15(6):574-84. doi: 10.1016/S1474-4422(16)00068-5. IF 26.284
- 14 Dobryakova E, Rocca MA, Valsasina P, Ghezzi A, Colombo B, Martinelli V, Comi G, DeLuca J, Filippi M. Abnormalities of the executive control network in multiple sclerosis phenotypes: an fMRI effective connectivity study. *Hum Brain Mapp* 2016;37(6):2293-304. doi: 10.1002/hbm.23174. IF 4.530
- 15 Sumowski JF, Rocca MA, Leavitt VM, Riccitelli G, Meani A, Comi G, Filippi M. Reading, writing and reserve: Literacy activities are linked to hippocampal volume and memory in multiple sclerosis. *Mult Scler* 2016. pii: 1352458516630822. IF 4.840
- 16 Marrie RA, Miller A, Sormani MP, Thompson A, Waubant E, Trojano M, O'Connor P, Reingold S, Cohen JA; attendees of the International Workshop on Comorbidity in Multiple Sclerosis. The challenge of comorbidity in clinical trials for multiple sclerosis. *Neurology* 2016;86(15):1437-45. doi: 10.1212/WNL.0000000000002471. IF 8.320
- 17 Cohen JA, Arnold DL, Comi G, Bar-Or A, Gujrathi S, Hartung JP, Cravets M, Olson A, Frohna PA, Selmaj KW; RADIANCE Study Group. Safety and efficacy of the selective sphingosine 1-phosphate receptor modulator ozanimod in relapsing multiple sclerosis (RADIANCE): a randomized, placebo-controlled, phase 2 trial. *Lancet Neurol* 2016; 15(4):373-81. doi: 10.1016/S1474-4422(16)00018-1. IF 26.284

- 18 Passerini G, Dalla Costa G, Sangalli F, Moiola L, Colombo B, Locatelli M, Comi G, Furlan R, Martinelli V. Free Light Chains and Intrathecal B Cells Activity in Multiple Sclerosis: A Prospective Study and Meta-Analysis. *Mult Scler Int.* 2016;2016:2303857. doi: 10.1155/2016/2303857.
- 19 Giovannoni G, Cohen JA, Coles AJ, Hartung HP, Havrdova E, Selmaj KW, Margolin DH, Lake SL, Kaup SM, Panzara MA, Compston DA; CARE-MS II Investigators. Alemtuzumab improves preexisting disability in active relapsing-remitting MS patients. *Neurology.* 2016 Nov 8;87(19):1985-1992. IF 8.320
- 20 Zaratin P, Comi G, Coetzee T, Ramsey K, Smith K, Thompson A, Panzara M. Progressive MS Alliance Industry Forum: Maximizing Collective Impact To Enable Drug Development. *Trends Pharmacol Sci.* 2016 Oct;37(10):808-10. doi: 10.1016/j.tips.2016.07.005. IF 12.797
- 21 Kappos L, Edan G, Freedman MS, Montalbán X, Hartung HP, Hemmer B, Fox EJ, Barkhof F, Schippling S, Schulze A, Pleimes D, Pohl C, Sandbrink R, Suarez G, Wicklein EM; BENEFIT Study Group. The 11-year long-term follow-up study from the randomized BENEFIT CIS trial. *Neurology.* 2016 Sep 6;87(10):978-87. doi: 10.1212/WNL.0000000000003078. Epub 2016 Aug 10. IF 8.320
- 22 Giovannoni G, Cohen JA, Coles AJ, Hartung HP, Havrdova E, Selmaj KW, Margolin DH, Lake SL, Kaup SM, Panzara MA, Compston DA; CARE-MS II Investigators. Alemtuzumab improves preexisting disability in active relapsing-remitting MS patients. *Neurology.* 2016 Nov 8;87(19):1985-1992. IF 8.320
- 23 Rocca MA, Meani A, Riccitelli GC, Colombo B, Rodegher M, Falini A, Comi G, Filippi M. Abnormal adaptation over time of motor network recruitment in multiple sclerosis patients with fatigue. *Mult Scler.* 2016 Aug;22(9):1144-53. doi: 10.1177/1352458515614407. IF 4.840
- 24 Martinelli Boneschi F, Comi G. Assessing Functional Decline in Neurological Diseases Clinical Trials: Duration of Follow-Up - The Case of Multiple Sclerosis. *Front Neurol Neurosci.* 2016;39:93-100.
- 25 Pastò L, Portaccio E, Goretti B, Ghezzi A, Lori S, Hakiki B, Giannini M, Righini I, Razzolini L, Niccolai C, Moiola L, Falautano M, Simone M, Viterbo RG, Patti F, Cilia S, Pozzilli C, Bianchi V, Roscio M, Martinelli V, Comi G, Trojano M, Amato MP; MS Study Group of the Italian Neurological Society. The cognitive reserve theory in the setting of pediatric-onset multiple sclerosis. *Mult Scler.* 2016 Nov;22(13):1741-1749. IF 4.840
- 26 Rocca MA, Valsasina P, Meani A, Falini A, Comi G, Filippi M. Impaired functional integration in multiple sclerosis: a graph theory study. *Brain Struct Funct.* 2016 Jan;221(1):115-31. doi: 10.1007/s00429-014-0896-4. IF 4.698
- 27 Martinelli V, Colombo B, Dalla Costa G, Dalla Libera D, Moiola L, Falini A, Comi G, Filippi M. Recurrent disease-activity rebound in a patient with multiple sclerosis after

natalizumab discontinuations for pregnancy planning. *Mult Scler.* 2016 Oct;22(11):1506-1508.e. IF 4.840