## Filippo Martinelli-Boneschi

List of Publications by Year in descending order

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| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Genetic risk and a primary role for cell-mediated immune mechanisms in multiple sclerosis. Nature, 2011, 476, 214-219.  | 27.8 | 2,400     |
| 2  | Genomewide Association Study of Severe Covid-19 with Respiratory Failure. New England Journal of<br>Medicine, 2020, 383, 1522-1534.   | 27.0 | 1,548     |
| 3  | Analysis of immune-related loci identifies 48 new susceptibility variants for multiple sclerosis. Nature<br>Genetics, 2013, 45, 1353-1360.                                      | 21.4 | 1,213     |
| 4  | Multiple sclerosis genomic map implicates peripheral immune cells and microglia in susceptibility.<br>Science, 2019, 365, .   | 12.6 | 710       |
| 5  | Mutations in LGI1 cause autosomal-dominant partial epilepsy with auditory features. Nature Genetics, 2002, 30, 335-341.   | 21.4 | 555       |
| 6  | Diseaseâ€Modifying Therapies and Coronavirus Disease 2019 Severity in Multiple Sclerosis. Annals of<br>Neurology, 2021, 89, 780-789.  | 5.3  | 370       |
| 7  | De novo mutations in ATP1A3 cause alternating hemiplegia of childhood. Nature Genetics, 2012, 44, 1030-1034.  | 21.4 | 345       |
| 8  | Genomeâ€wide metaâ€analysis identifies novel multiple sclerosis susceptibility loci. Annals of Neurology,<br>2011, 70, 897-912.   | 5.3  | 314       |
| 9  | Class II HLA interactions modulate genetic risk for multiple sclerosis. Nature Genetics, 2015, 47, 1107-1113.   | 21.4 | 312       |
| 10 | Network-Based Multiple Sclerosis Pathway Analysis with GWAS Data from 15,000 Cases and 30,000<br>Controls. American Journal of Human Genetics, 2013, 92, 854-865.               | 6.2  | 164       |
| 11 | Fatigue in Multiple Sclerosis Is Associated with Abnormal Cortical Activation to Voluntary<br>Movement—EEG Evidence. NeuroImage, 2001, 13, 1186-1192.                           | 4.2  | 136       |
| 12 | MRI and motor evoked potential findings in nondisabled multiple sclerosis patients with and without symptoms of fatique. Journal of Neurology, 2000, 247, 506-509.              | 3.6  | 122       |
| 13 | Vascular endothelial growth factor gene variability is associated with increased risk for AD. Annals<br>of Neurology, 2005, 57, 373-380.  | 5.3  | 115       |
| 14 | Low-Frequency and Rare-Coding Variation Contributes to Multiple Sclerosis Risk. Cell, 2018, 175, 1679-1687.e7.  | 28.9 | 115       |
| 15 | Ceramide levels are inversely associated with malignant progression of human glial tumors. Clia, 2002, 39, 105-113.   | 4.9  | 112       |
| 16 | Functional network connectivity abnormalities in multiple sclerosis: Correlations with disability and cognitive impairment. Multiple Sclerosis Journal, 2018, 24, 459-471.      | 3.0  | 105       |
| 17 | Retrospective study of a large population of patients with asymptomatic or minimally symptomatic raised serum creatine kinase levels. Journal of Neurology, 2002, 249, 305-311. | 3.6  | 100       |
| 18 | Evaluation of Polyneuropathy Markers in Type 1 Diabetic Kidney Transplant Patients and Effects of Islet<br>Transplantation. Diabetes Care, 2007, 30, 3063-3069.                 | 8.6  | 98        |

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|----|--|------|-----------|
| 19 | Lifetime and actual prevalence of pain and headache in multiple sclerosis. Multiple Sclerosis Journal, 2008, 14, 514-521.  | 3.0  | 97        |
| 20 | MicroRNA and mRNA expression profile screening in multiple sclerosis patients to unravel novel pathogenic steps and identify potential biomarkers. Neuroscience Letters, 2012, 508, 4-8.   | 2.1  | 95        |
| 21 | NLRP3 inflammasome is associated with the response to IFN-β in patients with multiple sclerosis. Brain, 2015, 138, 644-652.  | 7.6  | 93        |
| 22 | The long pentraxin PTX3 as a correlate of cancer-related inflammation and prognosis of malignancy in gliomas. Journal of Neuroimmunology, 2013, 260, 99-106.   | 2.3  | 88        |
| 23 | DMTs and Covidâ€19 severity in MS: a pooled analysis from Italy and France. Annals of Clinical and Translational Neurology, 2021, 8, 1738-1744.  | 3.7  | 86        |
| 24 | Next Generation Sequencing of Pooled Samples: Guideline for Variants' Filtering. Scientific Reports, 2016, 6, 33735.   | 3.3  | 81        |
| 25 | A pilot trial of low-dose naltrexone in primary progressive multiple sclerosis. Multiple Sclerosis<br>Journal, 2008, 14, 1076-1083.  | 3.0  | 77        |
| 26 | Multiple sclerosis risk loci and disease severity in 7,125 individuals from 10 studies. Neurology:<br>Genetics, 2016, 2, e87.  | 1.9  | 76        |
| 27 | Interleukin-1B polymorphism is associated with age at onset of Alzheimer's disease. Neurobiology of Aging, 2003, 24, 927-931.  | 3.1  | 75        |
| 28 | Mitoxantrone for multiple sclerosis. The Cochrane Library, 2013, , CD002127.   | 2.8  | 75        |
| 29 | Effects of glatiramer acetate on relapse rate and accumulated disability in multiple sclerosis:<br>meta-analysis of three double-blind, randomized, placebo-controlled clinical trials. Multiple<br>Sclerosis Journal, 2003, 9, 349-355. | 3.0  | 72        |
| 30 | MGAT5 alters the severity of multiple sclerosis. Journal of Neuroimmunology, 2010, 220, 120-124.   | 2.3  | 72        |
| 31 | Antisense transcription at the TRPM2 locus as a novel prognostic marker and therapeutic target in prostate cancer. Oncogene, 2015, 34, 2094-2102.  | 5.9  | 72        |
| 32 | IL12A, MPHOSPH9/CDK2AP1 and RGS1 are novel multiple sclerosis susceptibility loci. Genes and Immunity, 2010, 11, 397-405.  | 4.1  | 70        |
| 33 | Surgery for intracranial meningiomas in the elderly: a clinical—radiological grading system as a predictor of outcome. Journal of Neurosurgery, 2005, 102, 290-294.  | 1.6  | 69        |
| 34 | Prostaglandin D2 synthase/GPR44: a signaling axis in PNS myelination. Nature Neuroscience, 2014, 17, 1682-1692.  | 14.8 | 66        |
| 35 | Safety and efficacy of nabiximols on spasticity symptoms in patients with motor neuron disease (CANALS): a multicentre, double-blind, randomised, placebo-controlled, phase 2 trial. Lancet Neurology, The, 2019, 18, 155-164.           | 10.2 | 63        |
| 36 | Cerebral grey matter pathology and fatigue in patients with multiple sclerosis: a preliminary study.<br>Journal of the Neurological Sciences, 2002, 194, 71-74.  | 0.6  | 60        |

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|----|--|-----|-----------|
| 37 | Mitochondrial DNA sequence variation in multiple sclerosis. Neurology, 2015, 85, 325-330.  | 1.1 | 60        |
| 38 | Four New Families with Autosomal Dominant Partial Epilepsy with Auditory Features: Clinical Description and Linkage to Chromosome 10q24. Epilepsia, 2002, 43, 60-67.   | 5.1 | 59        |
| 39 | Forceps minor damage and co-occurrence of depression and fatigue in multiple sclerosis. Multiple<br>Sclerosis Journal, 2014, 20, 1633-1640.  | 3.0 | 59        |
| 40 | An APOE Haplotype Associated with Decreased ε4 Expression Increases the Risk of Late Onset<br>Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 24, 235-245.  | 2.6 | 58        |
| 41 | Genetics can contribute to the prognosis of Brugada syndrome: a pilot model for risk stratification.<br>European Journal of Human Genetics, 2013, 21, 911-917.   | 2.8 | 58        |
| 42 | Role of <i>hnRNP-A1</i> and miR-590-3p in Neuronal Death: Genetics and Expression Analysis in Patients<br>with Alzheimer Disease and Frontotemporal Lobar Degeneration. Rejuvenation Research, 2011, 14,<br>275-281. | 1.8 | 57        |
| 43 | A genome-wide association study in progressive multiple sclerosis. Multiple Sclerosis Journal, 2012,<br>18, 1384-1394.   | 3.0 | 57        |
| 44 | Immunoproteasome LMP2 60HH Variant Alters MBP Epitope Generation and Reduces the Risk to Develop<br>Multiple Sclerosis in Italian Female Population. PLoS ONE, 2010, 5, e9287.                                       | 2.5 | 56        |
| 45 | ls M129V of PRNP gene associated with Alzheimer's disease? A case-control study and a meta-analysis.<br>Neurobiology of Aging, 2006, 27, 770.e1-770.e5.  | 3.1 | 54        |
| 46 | Genetic variants are major determinants of CSF antibody levels in multiple sclerosis. Brain, 2015, 138,<br>632-643.  | 7.6 | 54        |
| 47 | HIF-1α regulates the interaction of chronic lymphocytic leukemia cells with the tumor microenvironment. Blood, 2016, 127, 1987-1997.   | 1.4 | 52        |
| 48 | Sleep breathing disorders in 40 Italian patients with Myotonic dystrophy type 1. Neuromuscular<br>Disorders, 2012, 22, 219-224.  | 0.6 | 51        |
| 49 | DDIT4/REDD1/RTP801 Is a Novel Negative Regulator of Schwann Cell Myelination. Journal of Neuroscience, 2013, 33, 15295-15305.  | 3.6 | 51        |
| 50 | Long-Term Coronavirus Disease 2019 Complications in Inpatients and Outpatients: A One-Year<br>Follow-up Cohort Study. Open Forum Infectious Diseases, 2021, 8, ofab384.  | 0.9 | 47        |
| 51 | Exome sequencing in multiple sclerosis families identifies 12 candidate genes and nominates biological pathways for the genesis of disease. PLoS Genetics, 2019, 15, e1008180.                                       | 3.5 | 46        |
| 52 | Detailed stratified GWAS analysis for severe COVID-19 in four European populations. Human<br>Molecular Genetics, 2022, 31, 3945-3966.  | 2.9 | 46        |
| 53 | Retrospective study of a large population of patients affected with mitochondrial disorders: clinical, morphological and molecular genetic evaluation. Journal of Neurology, 2001, 248, 778-788.                     | 3.6 | 45        |
| 54 | Pharmacogenomics in Alzheimer's disease: a genome-wide association study of response to cholinesterase inhibitors. Neurobiology of Aging, 2013, 34, 1711.e7-1711.e13.  | 3.1 | 43        |

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|----|---|------|-----------|
| 55 | Evidence and age-related distribution of mtDNA D-loop point mutations in skeletal muscle from healthy subjects and mitochondrial patients. Journal of the Neurological Sciences, 2002, 202, 85-91.  | 0.6  | 42        |
| 56 | Absence of angiogenic genes modification in Italian ALS patients. Neurobiology of Aging, 2008, 29, 314-316.   | 3.1  | 41        |
| 57 | Nitric oxide donor and non steroidal anti inflammatory drugs as a therapy for muscular dystrophies:<br>Evidence from a safety study with pilot efficacy measures in adult dystrophic patients.<br>Pharmacological Research, 2012, 65, 472-479.                | 7.1  | 40        |
| 58 | Amino acid starvation induces reactivation of silenced transgenes and latent HIV-1 provirus via<br>down-regulation of histone deacetylase 4 (HDAC4). Proceedings of the National Academy of Sciences<br>of the United States of America, 2012, 109, E2284-93. | 7.1  | 39        |
| 59 | Peripheral nerve morphogenesis induced by scaffold micropatterning. Biomaterials, 2014, 35, 4035-4045.  | 11.4 | 39        |
| 60 | A pharmacogenetic study implicates <scp><i>SLC9a9</i></scp> in multiple sclerosis disease activity.<br>Annals of Neurology, 2015, 78, 115-127.  | 5.3  | 39        |
| 61 | Immunological patterns identifying disease course and evolution in multiple sclerosis patients.<br>Journal of Neuroimmunology, 2005, 165, 192-200.  | 2.3  | 38        |
| 62 | Efficacy and safety of nabiximols (Sativex®) on multiple sclerosis spasticity in a real-life Italian monocentric study. Neurological Sciences, 2016, 37, 235-242.   | 1.9  | 38        |
| 63 | Genome sequencing uncovers phenocopies in primary progressive multiple sclerosis. Annals of Neurology, 2018, 84, 51-63.   | 5.3  | 38        |
| 64 | Oxidative Imbalance in Different Neurodegenerative Diseases with Memory Impairment.<br>Neurodegenerative Diseases, 2011, 8, 129-137.  | 1.4  | 37        |
| 65 | The mirror neuron system and the strange case of Broca's area. Human Brain Mapping, 2015, 36, 1010-1027.  | 3.6  | 37        |
| 66 | Power estimation for non-standardized multisite studies. NeuroImage, 2016, 134, 281-294.  | 4.2  | 36        |
| 67 | Replication Study to Confirm the Role of CYP2D6 Polymorphism rs1080985 on Donepezil Efficacy in Alzheimer's Disease Patients. Journal of Alzheimer's Disease, 2012, 30, 745-749.  | 2.6  | 35        |
| 68 | Extracellular proteasome-osteopontin circuit regulates cell migration with implications in multiple sclerosis. Scientific Reports, 2017, 7, 43718.  | 3.3  | 35        |
| 69 | Alemtuzumab in multiple sclerosis during the COVID-19 pandemic: A mild uncomplicated infection despite intense immunosuppression. Multiple Sclerosis Journal, 2020, 26, 1268-1269.  | 3.0  | 35        |
| 70 | Long-term management of natalizumab discontinuation in a large monocentric cohort of multiple sclerosis and Related Disorders, 2014, 3, 520-526.  | 2.0  | 34        |
| 71 | Early involvement of cellular stress and inflammatory signals in the pathogenesis of tubulointerstitial kidney disease due to UMOD mutations. Scientific Reports, 2017, 7, 7383.  | 3.3  | 33        |
| 72 | The WNT receptor ROR2 drives the interaction of multiple myeloma cells with the microenvironment through AKT activation. Leukemia, 2020, 34, 257-270.   | 7.2  | 33        |

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|----|---|-----|-----------|
| 73 | Role of OLR1 and Its Regulating hsa-miR369-3p in Alzheimer's Disease: Genetics and Expression Analysis.<br>Journal of Alzheimer's Disease, 2011, 26, 787-793.   | 2.6 | 31        |
| 74 | Pharmacogenetic study of long-term response to interferon-Î <sup>2</sup> treatment in multiple sclerosis.<br>Pharmacogenomics Journal, 2017, 17, 84-91.   | 2.0 | 31        |
| 75 | Role of Anti-Osteopontin Antibodies in Multiple Sclerosis and Experimental Autoimmune<br>Encephalomyelitis. Frontiers in Immunology, 2017, 8, 321.  | 4.8 | 30        |
| 76 | The 129 codon polymorphism of the Prion Protein gene influences earlier cognitive performance in Down syndrome subjects. Journal of Neurology, 2003, 250, 688-692.                                    | 3.6 | 29        |
| 77 | Astrocytes acquire resistance to iron-dependent oxidative stress upon proinflammatory activation.<br>Journal of Neuroinflammation, 2013, 10, 130.   | 7.2 | 29        |
| 78 | GRN Variability Contributes to Sporadic Frontotemporal Lobar Degeneration. Journal of Alzheimer's Disease, 2010, 19, 171-177.   | 2.6 | 28        |
| 79 | Response to interferon-beta treatment in multiple sclerosis patients: a genome-wide association study.<br>Pharmacogenomics Journal, 2017, 17, 312-318.  | 2.0 | 28        |
| 80 | An MRI study of Chlamydia pneumoniae infection in Italian multiple sclerosis patients. Multiple<br>Sclerosis Journal, 2003, 9, 467-471.   | 3.0 | 27        |
| 81 | Clinical and <scp>MRI</scp> predictors of response to interferonâ€beta and glatiramer acetate in relapsing–remitting multiple sclerosis patients. European Journal of Neurology, 2013, 20, 1060-1067. | 3.3 | 27        |
| 82 | Analysis of genes, pathways and networks involved in disease severity and age at onset in primary-progressive multiple sclerosis. Multiple Sclerosis Journal, 2015, 21, 1431-1442.                    | 3.0 | 27        |
| 83 | Association of Genetic Markers with CSF Oligoclonal Bands in Multiple Sclerosis Patients. PLoS ONE, 2013, 8, e64408.  | 2.5 | 27        |
| 84 | Comparative study of mitoxantrone efficacy profile in patients with relapsing—remitting and secondary progressive multiple sclerosis. Multiple Sclerosis Journal, 2010, 16, 1490-1499.                | 3.0 | 26        |
| 85 | A gene pathway analysis highlights the role of cellular adhesion molecules in multiple sclerosis susceptibility. Genes and Immunity, 2014, 15, 126-132.   | 4.1 | 26        |
| 86 | Functional and structural plasticity following action observation training in multiple sclerosis.<br>Multiple Sclerosis Journal, 2019, 25, 1472-1487.   | 3.0 | 26        |
| 87 | Human glioma tumors express high levels ofÂtheÂchemokine receptor CX3CR1. European Cytokine<br>Network, 2010, 21, 27-33.  | 2.0 | 26        |
| 88 | Motor evoked potentials in a mouse model of chronic multiple sclerosis. Muscle and Nerve, 2006, 33, 265-273.  | 2.2 | 25        |
| 89 | <i>COL6A5</i> variants in familial neuropathic chronic itch. Brain, 2017, 140, aww343.  | 7.6 | 25        |
| 90 | Unraveling gene expression profiles in peripheral motor nerve from amyotrophic lateral sclerosis patients: insights into pathogenesis. Scientific Reports, 2016, 6, 39297.                            | 3.3 | 24        |

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|-----|--|-----|-----------|
| 91  | Linkage Analysis and Disease Models in Benign Familial Infantile Seizures: A Study of 16 Families.<br>Epilepsia, 2006, 47, 1029-1034.  | 5.1 | 23        |
| 92  | Movement preparation is affected by tissue damage in multiple sclerosis: Evidence from EEG event-related desynchronization. Clinical Neurophysiology, 2005, 116, 1515-1519.  | 1.5 | 22        |
| 93  | Follow-up of a large population of asymptomatic/oligosymptomatic hyperckemic subjects. Journal of Neurology, 2006, 253, 1399-1403.   | 3.6 | 22        |
| 94  | Patient-Reported Symptoms and Sequelae 12 Months After COVID-19 in Hospitalized Adults: A<br>Multicenter Long-Term Follow-Up Study. Frontiers in Medicine, 2022, 9, 834354.  | 2.6 | 22        |
| 95  | Impact of fatigue on the efficacy of rehabilitation in multiple sclerosis. Journal of Neurology, 2011, 258, 835-839.   | 3.6 | 21        |
| 96  | The role of anti-hypertensive treatment, comorbidities and early introduction of LMWH in the setting of COVID-19: A retrospective, observational study in Northern Italy. International Journal of Cardiology, 2021, 324, 249-254. | 1.7 | 21        |
| 97  | The use of magnetic resonance imaging in multiple sclerosis: lessons learned from clinical trials.<br>Multiple Sclerosis Journal, 2004, 10, 341-347.   | 3.0 | 20        |
| 98  | Association study of a new polymorphism in the PECAM-1 gene in multiple sclerosis. Journal of Neuroimmunology, 2000, 104, 174-178.   | 2.3 | 19        |
| 99  | Pharmacogenomic study in patients with multiple sclerosis. Neurology: Neuroimmunology and NeuroInflammation, 2015, 2, e154.  | 6.0 | 19        |
| 100 | Impact of MS genetic loci on familial aggregation, clinical phenotype, and disease prediction.<br>Neurology: Neuroimmunology and NeuroInflammation, 2015, 2, e129.   | 6.0 | 18        |
| 101 | CHRNA7 Gene and Response to Cholinesterase Inhibitors in an Italian Cohort of Alzheimer's Disease<br>Patients. Journal of Alzheimer's Disease, 2016, 52, 1203-1208.  | 2.6 | 18        |
| 102 | Clinical response to Nabiximols correlates with the downregulation of immune pathways in multiple sclerosis. European Journal of Neurology, 2018, 25, 934.   | 3.3 | 18        |
| 103 | Temozolomide in glioblastoma: results of administration at first relapse and in newly diagnosed<br>cases. Is still proposable an alternative schedule to concomitant protocol?. Journal of<br>Neuro-Oncology, 2007, 84, 71-77.     | 2.9 | 17        |
| 104 | Progranulin gene variability increases the risk for primary progressive multiple sclerosis in males.<br>Genes and Immunity, 2010, 11, 497-503.   | 4.1 | 17        |
| 105 | Association between DPP6 polymorphism and the risk of progressive multiple sclerosis in Northern and Southern Europeans. Neuroscience Letters, 2012, 530, 155-160.   | 2.1 | 17        |
| 106 | Evaluation of molecular inversion probe versus TruSeq $\hat{A}^{\otimes}$ custom methods for targeted next-generation sequencing. PLoS ONE, 2020, 15, e0238467.  | 2.5 | 17        |
| 107 | Posterior reversible encephalopathy syndrome and COVID-19: A series of 6 cases from Lombardy, Italy.<br>ENeurologicalSci, 2021, 22, 100306.  | 1.3 | 17        |
| 108 | Pharmacogenetics of autoimmune diseases: Research issues in the case of Multiple Sclerosis and the role of IFN-1 <sup>2</sup> . Journal of Autoimmunity, 2005, 25, 1-5.  | 6.5 | 15        |

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|-----|--|------|-----------|
| 109 | Effectiveness of Streptococcus Pneumoniae Urinary Antigen Testing in Decreasing Mortality of COVID-19 Co-Infected Patients: A Clinical Investigation. Medicina (Lithuania), 2020, 56, 572.     | 2.0  | 14        |
| 110 | Inverse correlation of genetic risk score with age at onset in bout-onset and progressive-onset multiple sclerosis. Multiple Sclerosis Journal, 2015, 21, 1463-1467.                           | 3.0  | 13        |
| 111 | COVIDâ€19 vaccination hesitancy among people with chronic neurological disorders: A position paper.<br>European Journal of Neurology, 2022, 29, 2163-2172.                                     | 3.3  | 13        |
| 112 | Failure to Replicate an Association of rs5984894 SNP in the PCDH11X Gene in a Collection of 1,222<br>Alzheimer's Disease Affected Patients. Journal of Alzheimer's Disease, 2010, 21, 385-388. | 2.6  | 11        |
| 113 | Short and Long Term Variation in Ultraviolet Radiation and Multiple Sclerosis. International Journal of Environmental Research and Public Health, 2012, 9, 685-697.                            | 2.6  | 11        |
| 114 | Predictors of effectiveness of multidisciplinary rehabilitation treatment on motor dysfunction in multiple sclerosis. Multiple Sclerosis Journal, 2014, 20, 862-870.                           | 3.0  | 11        |
| 115 | Genetic burden of common variants in progressive and bout-onset multiple sclerosis. Multiple<br>Sclerosis Journal, 2014, 20, 802-811.  | 3.0  | 11        |
| 116 | NLRP3 polymorphisms and response to interferon-beta in multiple sclerosis patients. Multiple<br>Sclerosis Journal, 2018, 24, 1507-1510.  | 3.0  | 11        |
| 117 | CSF metabolites in the differential diagnosis of Alzheimer's disease from frontal variant of frontotemporal dementia. Neurological Sciences, 2012, 33, 973-977.                                | 1.9  | 10        |
| 118 | The burden of multiple sclerosis variants in continental Italians and Sardinians. Multiple Sclerosis<br>Journal, 2015, 21, 1385-1395.  | 3.0  | 10        |
| 119 | MGAT5 and disease severity in progressive multiple sclerosis. Journal of Neuroimmunology, 2011, 230, 143-147.  | 2.3  | 9         |
| 120 | No C9orf72 repeat expansion in patients with primary progressive multiple sclerosis. Multiple<br>Sclerosis and Related Disorders, 2018, 25, 192-195.   | 2.0  | 9         |
| 121 | Untangling Extracellular Proteasome-Osteopontin Circuit Dynamics in Multiple Sclerosis. Cells, 2019,<br>8, 262.  | 4.1  | 9         |
| 122 | Evidence for use of glatiramer acetate in multiple sclerosis. Lancet Neurology, The, 2005, 4, 75-76.   | 10.2 | 8         |
| 123 | No evidence of ATP1A2 involvement in 12 multiplex Italian families with benign familial infantile seizures. Neuroscience Letters, 2005, 388, 71-74.  | 2.1  | 8         |
| 124 | A Strong Anti-Inflammatory Signature Revealed by Liver Transcription Profiling of Tmprss6â^'/â^' Mice.<br>PLoS ONE, 2013, 8, e69694.   | 2.5  | 8         |
| 125 | Familial clustering in Italian progressive-onset and bout-onset multiple sclerosis. Neurological Sciences, 2014, 35, 789-791.  | 1.9  | 8         |
| 126 | Laser capture microdissection for transcriptomic profiles in human skin biopsies. BMC Molecular<br>Biology, 2018, 19, 7.   | 3.0  | 7         |

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|-----|---|-----|-----------|
| 127 | A pharmacogenetic study implicates NINJ2 in the response to Interferon-β in multiple sclerosis. Multiple<br>Sclerosis Journal, 2020, 26, 1074-1082.   | 3.0 | 5         |
| 128 | Neuromyelitis optica spectrum disorder and multiple sclerosis in a Sardinian family. Multiple<br>Sclerosis and Related Disorders, 2018, 25, 73-76.  | 2.0 | 4         |
| 129 | Assessing the role of innovative therapeutic paradigm on multiple sclerosis treatment response. Acta<br>Neurologica Scandinavica, 2018, 138, 447-453.   | 2.1 | 4         |
| 130 | Case Report: Efficacy of Rituximab in a Patient With Familial Mediterranean Fever and Multiple<br>Sclerosis. Frontiers in Neurology, 2020, 11, 591395.  | 2.4 | 4         |
| 131 | An Investigation of the Role of Common and Rare Variants in a Large Italian Multiplex Family of<br>Multiple Sclerosis Patients. Genes, 2021, 12, 1607.  | 2.4 | 4         |
| 132 | Genomic and functional evaluation of TNFSF14 in multiple sclerosis susceptibility. Journal of Genetics and Genomics, 2021, 48, 497-507.   | 3.9 | 3         |
| 133 | Contribution of Rare and Low-Frequency Variants to Multiple Sclerosis Susceptibility in the Italian<br>Continental Population. Frontiers in Genetics, 2021, 12, 800262.   | 2.3 | 3         |
| 134 | Transmembrane Protein 106B Gene (TMEM106B) Variability and Influence on Progranulin Plasma Levels<br>in Patients with Alzheimer's Disease. Journal of Alzheimer's Disease, 2014, 43, 757-761.   | 2.6 | 2         |
| 135 | Impact of multiple sclerosis risk loci in postinfectious neurological syndromes. Multiple Sclerosis and Related Disorders, 2020, 44, 102326.  | 2.0 | 2         |
| 136 | The Use of Antiviral Agents against SARS-CoV-2: Ineffective or Time and Age Dependent Result? A<br>Retrospective, Observational Study among COVID-19 Older Adults. Journal of Clinical Medicine, 2021,<br>10, 686.  | 2.4 | 2         |
| 137 | Assessment of the genetic contribution to brain magnetic resonance imaging lesion load and atrophy measures in multiple sclerosis patients. European Journal of Neurology, 2021, 28, 2513-2522.   | 3.3 | 2         |
| 138 | A multi-step genomic approach prioritized TBKBP1 gene as relevant for multiple sclerosis susceptibility. Journal of Neurology, 2022, 269, 4510-4522.  | 3.6 | 2         |
| 139 | LETTER TO THE EDITOR. Brain Pathology, 2012, 22, 79-79.   | 4.1 | 1         |
| 140 | Multiple sclerosis progression is not associated with birth timing in Italy. Journal of the<br>Neurological Sciences, 2014, 346, 194-196.   | 0.6 | 1         |
| 141 | Assessing Functional Decline in Neurological Diseases Clinical Trials: Duration of Follow-Up - The<br>Case of Multiple Sclerosis. Frontiers of Neurology and Neuroscience, 2016, 39, 93-100.  | 2.8 | 1         |
| 142 | Response to the commentary "The effect of C9orf72 intermediate repeat expansions in<br>neurodegenerative and autoimmune diseases―by Biasiotto G and Zanella I.✰. Multiple Sclerosis and<br>Related Disorders, 2019, 27, 79-80.  | 2.0 | 1         |
| 143 | Etiological research in pediatric multiple sclerosis: A tool to assess environmental exposures<br>(PEDiatric Italian Genetic and enviRonment ExposurE Questionnaire). Multiple Sclerosis Journal -<br>Experimental, Translational and Clinical, 2021, 7, 205521732110590. | 1.0 | 1         |
| 144 | Advances in Neuroimmunology: From Bench to Bedside. Autoimmune Diseases, 2014, 2014, 1-2.   | 0.6 | 0         |

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|-----|---|-----|-----------|
| 145 | Impact of SARS-CoV-2 infection on acute intracerebral haemorrhage in northern Italy. Journal of the Neurological Sciences, 2021, 426, 117479. | 0.6 | 0         |