

# Elena H Martinez-Lapiscina

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75  
papers

6,148  
citations

24  
h-index

78  
g-index

79  
ext. papers

7,393  
ext. citations

6.8  
avg, IF

5.04  
L-index

#	Paper	IF	Citations
75	Healthy diet, depression and quality of life: A narrative review of biological mechanisms and primary prevention opportunities. <i>World Journal of Psychiatry</i> , <b>2021</b> , 11, 997-1016	3	3
74	Dynamics and Predictors of Cognitive Impairment along the Disease Course in Multiple Sclerosis. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	1
73	APOSTEL 2.0 Recommendations for Reporting Quantitative Optical Coherence Tomography Studies. <i>Neurology</i> , <b>2021</b> , 97, 68-79	6.5	19
72	In Vivo Molecular Changes in the Retina of Patients With Multiple Sclerosis <b>2021</b> , 62, 11		2
71	Oligoclonal IgM bands in the cerebrospinal fluid of patients with relapsing MS to inform long-term MS disability. <i>Multiple Sclerosis Journal</i> , <b>2021</b> , 27, 1706-1716	5	3
70	Cortical fractal dimension predicts disability worsening in Multiple Sclerosis patients. <i>NeuroImage: Clinical</i> , <b>2021</b> , 30, 102653	5.3	7
69	Retinal Optical Coherence Tomography in Neuromyelitis Optica. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , <b>2021</b> , 8,	9.1	5
68	Cohort profile: a collaborative multicentre study of retinal optical coherence tomography in 539 patients with neuromyelitis optica spectrum disorders (CROCTINO). <i>BMJ Open</i> , <b>2020</b> , 10, e035397	3	5
67	Associations of serum 25(OH) vitamin D levels with clinical and radiological outcomes in multiple sclerosis, a systematic review and meta-analysis. <i>Journal of the Neurological Sciences</i> , <b>2020</b> , 411, 116668	3.2	17
66	Trans Neuronal Retrograde Degeneration to OCT in Central Nervous System Diseases <b>2020</b> , 365-374		
65	Rebound of multiple sclerosis activity after fingolimod withdrawal due to planning pregnancy: Analysis of predisposing factors. <i>Multiple Sclerosis and Related Disorders</i> , <b>2020</b> , 38, 101483	4	13
64	Case for a new corticosteroid treatment trial in optic neuritis: review of updated evidence. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2020</b> , 91, 9-14	5.5	10
63	Impact of Cognitive Reserve and Structural Connectivity on Cognitive Performance in Multiple Sclerosis. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 581700	4.1	3
62	Retinal and brain damage during multiple sclerosis course: inflammatory activity is a key factor in the first 5 years. <i>Scientific Reports</i> , <b>2020</b> , 10, 13333	4.9	3
61	The popularity of neurology in Spain: An analysis of specialty selection. <i>Neurología</i> , <b>2020</b> , 35, 543-550	1.4	1
60	Using Acute Optic Neuritis Trials to Assess Neuroprotective and Remyelinating Therapies in Multiple Sclerosis. <i>JAMA Neurology</i> , <b>2020</b> , 77, 234-244	17.2	8
59	Protective effects of 4-aminopyridine in experimental optic neuritis and multiple sclerosis. <i>Brain</i> , <b>2020</b> , 143, 1127-1142	11.2	17

58	Vitamin D, smoking, EBV, and long-term cognitive performance in MS: 11-year follow-up of BENEFIT. <i>Neurology</i> , <b>2020</b> , 94, e1950-e1960	6.5	10
57	Retinal inner nuclear layer volume reflects inflammatory disease activity in multiple sclerosis; a longitudinal OCT study. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , <b>2019</b> , 5, 2055-2173	19.2	1582
56	Remyelination: a good neuroprotective strategy for preventing axonal degeneration?. <i>Brain</i> , <b>2019</b> , 142, 233-236	11.2	3
55	Reporting of R2 Statistics for Mixed-Effects Regression Models-Reply. <i>JAMA Neurology</i> , <b>2019</b> , 76, 507-508	17.2	1
54	Optimal intereye difference thresholds by optical coherence tomography in multiple sclerosis: An international study. <i>Annals of Neurology</i> , <b>2019</b> , 85, 618-629	9.4	51
53	Immune tolerance in multiple sclerosis and neuromyelitis optica with peptide-loaded tolerogenic dendritic cells in a phase 1b trial. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 8463-8470	11.5	59
52	Late-onset neuromyelitis optica spectrum disorder: The importance of autoantibody serostatus. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , <b>2019</b> , 6,	9.1	26
51	Spanish validation of the telephone assessed Expanded Disability Status Scale and Patient Determined Disease Steps in people with multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , <b>2019</b> , 27, 333-339	4	6
50	Frequency and relevance of IgM, and IgA antibodies against MOG in MOG-IgG-associated disease. <i>Multiple Sclerosis and Related Disorders</i> , <b>2019</b> , 28, 230-234	4	10
49	Identification and treatment of the visual processing asymmetry in MS patients with optic neuritis: The Pulfrich phenomenon. <i>Journal of the Neurological Sciences</i> , <b>2018</b> , 387, 60-69	3.2	3
48	Early retinal atrophy predicts long-term visual impairment after acute optic neuritis. <i>Multiple Sclerosis Journal</i> , <b>2018</b> , 24, 1196-1204	5	17
47	Combined walking outcome measures identify clinically meaningful response to prolonged-release fampridine. <i>Therapeutic Advances in Neurological Disorders</i> , <b>2018</b> , 11, 1756286418780007	6.6	3
46	Magnetic resonance markers of tissue damage related to connectivity disruption in multiple sclerosis. <i>NeuroImage: Clinical</i> , <b>2018</b> , 20, 161-168	5.3	14
45	Predictors of vision impairment in Multiple Sclerosis. <i>PLoS ONE</i> , <b>2018</b> , 13, e0195856	3.7	13
44	The International Multiple Sclerosis Visual System Consortium: Advancing Visual System Research in Multiple Sclerosis. <i>Journal of Neuro-Ophthalmology</i> , <b>2018</b> , 38, 494-501	2.6	8
43	A Healthy Diet for Your Heart and Your Brain <b>2018</b> , 169-197		3
42	Assessing Biological and Methodological Aspects of Brain Volume Loss in Multiple Sclerosis. <i>JAMA Neurology</i> , <b>2018</b> , 75, 1246-1255	17.2	24
41	Monitoring the Course of MS With Optical Coherence Tomography. <i>Current Treatment Options in Neurology</i> , <b>2017</b> , 19, 15	4.4	28

40	Impairment of decision-making in multiple sclerosis: A neuroeconomic approach. <i>Multiple Sclerosis Journal</i> , <b>2017</b> , 23, 1762-1771	5	6
39	Structural networks involved in attention and executive functions in multiple sclerosis. <i>NeuroImage: Clinical</i> , <b>2017</b> , 13, 288-296	5.3	57
38	Precision medicine for multiple sclerosis: an update of the available biomarkers and their use in therapeutic decision making. <i>Expert Review of Precision Medicine and Drug Development</i> , <b>2017</b> , 2, 345-361	1.6	6
37	Dynamics and heterogeneity of brain damage in multiple sclerosis. <i>PLoS Computational Biology</i> , <b>2017</b> , 13, e1005757	5	23
36	Retinal layer segmentation in multiple sclerosis: a systematic review and meta-analysis. <i>Lancet Neurology</i> , <b>2017</b> , 16, 797-812	24.1	243
35	Usefulness of optical coherence tomography to distinguish optic neuritis associated with AQP4 or MOG in neuromyelitis optica spectrum disorders. <i>Therapeutic Advances in Neurological Disorders</i> , <b>2016</b> , 9, 436-40	6.6	25
34	Retinal thickness measured with optical coherence tomography and risk of disability worsening in multiple sclerosis: a cohort study. <i>Lancet Neurology</i> , <b>2016</b> , 15, 574-84	24.1	194
33	Visual field impairment captures disease burden in multiple sclerosis. <i>Journal of Neurology</i> , <b>2016</b> , 263, 695-702	5.5	13
32	Pituitary-ovary axis and ovarian reserve in fertile women with multiple sclerosis: A pilot study. <i>Multiple Sclerosis Journal</i> , <b>2016</b> , 22, 564-8	5	18
31	Drug Trials in Neuroprotection <b>2016</b> , 171-184		
30	The APOSTEL recommendations for reporting quantitative optical coherence tomography studies. <i>Neurology</i> , <b>2016</b> , 86, 2303-9	6.5	240
29	Trans Neuronal Retrograde Degeneration to OCT in Central Nervous System Diseases <b>2016</b> , 205-214		
28	Phenytoin for neuroprotection. <i>Lancet Neurology</i> , <b>2016</b> , 15, 901-902	24.1	2
27	The analysis of semantic networks in multiple sclerosis identifies preferential damage of long-range connectivity. <i>Multiple Sclerosis and Related Disorders</i> , <b>2015</b> , 4, 387-394	4	6
26	Dynamics of retinal injury after acute optic neuritis. <i>Annals of Neurology</i> , <b>2015</b> , 77, 517-28	9.4	107
25	Walking function in clinical monitoring of multiple sclerosis by telemedicine. <i>Journal of Neurology</i> , <b>2015</b> , 262, 1706-13	5.5	12
24	Mediterranean Diet and Age-Related Cognitive Decline: A Randomized Clinical Trial. <i>JAMA Internal Medicine</i> , <b>2015</b> , 175, 1094-1103	11.5	479
23	Color vision impairment in multiple sclerosis points to retinal ganglion cell damage. <i>Journal of Neurology</i> , <b>2015</b> , 262, 2491-7	5.5	24

22	Knowledge retrieval from PubMed abstracts and electronic medical records with the Multiple Sclerosis Ontology. <i>PLoS ONE</i> , <b>2015</b> , 10, e0116718	3.7	22
21	Improved Framework for Tractography Reconstruction of the Optic Radiation. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133964	3.64	24
20	Is the incidence of optic neuritis rising? Evidence from an epidemiological study in Barcelona (Spain), 2008-2012. <i>Journal of Neurology</i> , <b>2014</b> , 261, 759-67	5.5	26
19	Trans-synaptic axonal degeneration in the visual pathway in multiple sclerosis. <i>Annals of Neurology</i> , <b>2014</b> , 75, 98-107	9.4	163
18	Colour vision impairment is associated with disease severity in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , <b>2014</b> , 20, 1207-16	5	31
17	The visual pathway as a model to understand brain damage in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , <b>2014</b> , 20, 1678-85	5	35
16	Genotype patterns at CLU, CR1, PICALM and APOE, cognition and Mediterranean diet: the PREDIMED-NAVARRA trial. <i>Genes and Nutrition</i> , <b>2014</b> , 9, 393	4.3	45
15	The multiple sclerosis visual pathway cohort: understanding neurodegeneration in MS. <i>BMC Research Notes</i> , <b>2014</b> , 7, 910	2.3	24
14	Lipoma: An Overview. <i>Tumors of the Central Nervous System</i> , <b>2014</b> , 223-229		1
13	Retrograde retinal damage after acute optic tract lesion in MS. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2013</b> , 84, 824-6	5.5	19
12	Primary prevention of cardiovascular disease with a Mediterranean diet. <i>New England Journal of Medicine</i> , <b>2013</b> , 368, 1279-90	59.2	3041
11	Virgin olive oil supplementation and long-term cognition: the PREDIMED-NAVARRA randomized, trial. <i>Journal of Nutrition, Health and Aging</i> , <b>2013</b> , 17, 544-52	5.2	165
10	Retinal periphlebitis is associated with multiple sclerosis severity. <i>Neurology</i> , <b>2013</b> , 81, 877-81	6.5	28
9	Mediterranean diet improves cognition: the PREDIMED-NAVARRA randomised trial. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2013</b> , 84, 1318-25	5.5	414
8	Cortico-juxtacortical involvement increases risk of epileptic seizures in multiple sclerosis. <i>Acta Neurologica Scandinavica</i> , <b>2013</b> , 128, 24-31	3.8	20
7	Natalizumab-induced autoimmune hepatitis in a patient with multiple sclerosis. <i>Multiple Sclerosis Journal</i> , <b>2013</b> , 19, 1234-5	5	7
6	Reply to the letter to the editor by Lucena Romero et al. on the article Epileptic seizure and lipoma of corpus callosum: Cause or incidental finding. <i>Neurologia (English Edition)</i> , <b>2012</b> , 27, 58-59	0.4	
5	Myasthenia gravis: sleep quality, quality of life, and disease severity. <i>Muscle and Nerve</i> , <b>2012</b> , 46, 174-80	3.4	36

4	Mediterranean diet and the incidence of cardiovascular disease: a Spanish cohort. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2011</b> , 21, 237-44	4.5	110
3	Epileptic seizure and lipoma of corpus callosum: cause or incidental finding. <i>Neurología (English Edition)</i> , <b>2010</b> , 25, 331-332	0.4	
2	Nut consumption and incidence of hypertension: the SUN prospective cohort. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2010</b> , 20, 359-65	4.5	36
1	Retinal inflammation in multiple sclerosis revealed by optical coherence tomography and ophthalmoscopy	176-183	