

Elias S Sotirchos

List of Publications by Citations

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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.

61
papers

1,689
citations

19
h-index

40
g-index

70
ext. papers

2,291
ext. citations

6.8
avg, IF

4.35
L-index

#	Paper	IF	Citations
61	Microcystic macular oedema, thickness of the inner nuclear layer of the retina, and disease characteristics in multiple sclerosis: a retrospective study. <i>Lancet Neurology, The</i> , 2012 , 11, 963-72	24.1	216
60	Retinal layer segmentation of macular OCT images using boundary classification. <i>Biomedical Optics Express</i> , 2013 , 4, 1133-52	3.5	208
59	Active MS is associated with accelerated retinal ganglion cell/inner plexiform layer thinning. <i>Neurology</i> , 2013 , 80, 47-54	6.5	168
58	Relationships between retinal axonal and neuronal measures and global central nervous system pathology in multiple sclerosis. <i>JAMA Neurology</i> , 2013 , 70, 34-43	17.2	161
57	In vivo identification of morphologic retinal abnormalities in neuromyelitis optica. <i>Neurology</i> , 2013 , 80, 1406-14	6.5	105
56	Cerebrospinal fluid ceramides from patients with multiple sclerosis impair neuronal bioenergetics. <i>Brain</i> , 2014 , 137, 2271-86	11.2	97
55	Safety and immunologic effects of high- vs low-dose cholecalciferol in multiple sclerosis. <i>Neurology</i> , 2016 , 86, 382-90	6.5	90
54	In vivo assessment of retinal neuronal layers in multiple sclerosis with manual and automated optical coherence tomography segmentation techniques. <i>Journal of Neurology</i> , 2012 , 259, 2119-30	5.5	73
53	DeepHarmony: A deep learning approach to contrast harmonization across scanner changes. <i>Magnetic Resonance Imaging</i> , 2019 , 64, 160-170	3.3	64
52	Relationships between quantitative spinal cord MRI and retinal layers in multiple sclerosis. <i>Neurology</i> , 2015 , 84, 720-8	6.5	43
51	Retinal damage and vision loss in African American multiple sclerosis patients. <i>Annals of Neurology</i> , 2015 , 77, 228-36	9.4	35
50	Aquaporin-4 IgG seropositivity is associated with worse visual outcomes after optic neuritis than MOG-IgG seropositivity and multiple sclerosis, independent of macular ganglion cell layer thinning. <i>Multiple Sclerosis Journal</i> , 2020 , 26, 1360-1371	5	35
49	Bile acid metabolism is altered in multiple sclerosis and supplementation ameliorates neuroinflammation. <i>Journal of Clinical Investigation</i> , 2020 , 130, 3467-3482	15.9	30
48	Progressive Multiple Sclerosis Is Associated with Faster and Specific Retinal Layer Atrophy. <i>Annals of Neurology</i> , 2020 , 87, 885-896	9.4	30
47	Brain and retinal atrophy in African-Americans versus Caucasian-Americans with multiple sclerosis: a longitudinal study. <i>Brain</i> , 2018 , 141, 3115-3129	11.2	29
46	Spinal cord normalization in multiple sclerosis. <i>Journal of Neuroimaging</i> , 2014 , 24, 577-584	2.8	25
45	Retinal measurements predict 10-year disability in multiple sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2019 , 6, 222-232	5.3	24

44	AQP4-IgG and MOG-IgG Related Optic Neuritis-Prevalence, Optical Coherence Tomography Findings, and Visual Outcomes: A Systematic Review and Meta-Analysis. <i>Frontiers in Neurology</i> , 2020 , 11, 540156	4.1	24
43	Alterations in the retinal vasculature occur in multiple sclerosis and exhibit novel correlations with disability and visual function measures. <i>Multiple Sclerosis Journal</i> , 2020 , 26, 815-828	5	24
42	Detection of clinical and subclinical retinal abnormalities in neurosarcoidosis with optical coherence tomography. <i>Journal of Neurology</i> , 2012 , 259, 1390-8	5.5	18
41	Segmentation of retinal OCT images using a random forest classifier. <i>Proceedings of SPIE</i> , 2013 , 8669,	1.7	15
40	OCT is an alternative to MRI for monitoring MS - YES. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 701-703	5	13
39	Neurological picture. Nitrous oxide-induced myelopathy with inverted V-sign on spinal MRI. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012 , 83, 915-6	5.5	13
38	Effect of disease-modifying therapies on subcortical gray matter atrophy in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2020 , 26, 312-321	5	12
37	Comparison of point estimates and average thicknesses of retinal layers measured using manual optical coherence tomography segmentation for quantification of retinal neurodegeneration in multiple sclerosis. <i>Current Eye Research</i> , 2013 , 38, 224-8	2.9	11
36	MOGAD: How It Differs From and Resembles Other Neuroinflammatory Disorders. <i>American Journal of Roentgenology</i> , 2021 , 216, 1031-1039	5.4	11
35	Association of body mass index with longitudinal rates of retinal atrophy in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2020 , 26, 843-854	5	10
34	Association of Spectral-Domain OCT With Long-term Disability Worsening in Multiple Sclerosis. <i>Neurology</i> , 2021 , 96, e2058-e2069	6.5	10
33	Evidence of subclinical quantitative retinal layer abnormalities in AQP4-IgG seropositive NMOSD. <i>Multiple Sclerosis Journal</i> , 2021 , 27, 1738-1748	5	9
32	DEFORMABLE REGISTRATION OF MACULAR OCT USING A-MODE SCAN SIMILARITY 2013 , 2013, 476-479	1.5	9
31	Opsoclonus-myoclonus syndrome and exaggerated startle response associated with small-cell lung cancer. <i>Movement Disorders</i> , 2011 , 26, 1769-70	7	7
30	Risk Factors For Infection And Health Impacts Of The Covid-19 Pandemic In People With Autoimmune Diseases. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	7
29	Serum ceramide levels are altered in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2021 , 27, 1506-1519	5	6
28	Leveraging Visual Outcome Measures to Advance Therapy Development in Neuroimmunologic Disorders.. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2022 , 9,	9.1	6
27	Reporting of R2 Statistics for Mixed-Effects Regression Models. <i>JAMA Neurology</i> , 2019 , 76, 507	17.2	5

26	Optical coherence tomography in x-linked adrenoleukodystrophy. <i>Pediatric Neurology</i> , 2013 , 49, 182-4	2.9	5
25	Monosymptomatic clinically isolated syndrome with sudden sensorineural hearing loss: case report and critical review of the literature. <i>Neurologist</i> , 2012 , 18, 302-5	1.6	5
24	Optical Coherence Tomography and Optical Coherence Tomography Angiography Findings After Optic Neuritis in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2020 , 11, 618879	4.1	5
23	Multi-omic evaluation of metabolic alterations in multiple sclerosis identifies shifts in aromatic amino acid metabolism. <i>Cell Reports Medicine</i> , 2021 , 2, 100424	18	5
22	Spinal cord and infratentorial lesions in radiologically isolated syndrome are associated with decreased retinal ganglion cell/inner plexiform layer thickness. <i>Multiple Sclerosis Journal</i> , 2019 , 25, 1878-1887	5	5
21	In vivo demonstration of homonymous hemimacular loss of retinal ganglion cells due to a thalamic lesion using optical coherence tomography. <i>JAMA Neurology</i> , 2013 , 70, 410-1	17.2	3
20	OCT retinal nerve fiber layer thickness differentiates acute optic neuritis from MOG antibody-associated disease and Multiple Sclerosis: RNFL thickening in acute optic neuritis from MOGAD vs MS.. <i>Multiple Sclerosis and Related Disorders</i> , 2022 , 58, 103525	4	2
19	Measuring treatment response to advance precision medicine for multiple sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2021 , 8, 2166-2173	5.3	2
18	Modulation of Retinal Atrophy With Rituximab in Multiple Sclerosis. <i>Neurology</i> , 2021 , 96, e2525-e2533	6.5	2
17	RISK FACTORS FOR INFECTION AND HEALTH IMPACTS OF THE COVID-19 PANDEMIC IN PEOPLE WITH AUTOIMMUNE DISEASES 2021 ,		2
16	Therapeutic Potential of a Novel Glucagon-like Peptide-1 Receptor Agonist, NLY01, in Experimental Autoimmune Encephalomyelitis. <i>Neurotherapeutics</i> , 2021 , 18, 1834-1848	6.4	2
15	Optical coherence tomography and retinal segmentation in neurological diseases	156-164	1
14	Treatment of myelin oligodendrocyte glycoprotein antibody associated disease with subcutaneous immune globulin.. <i>Multiple Sclerosis and Related Disorders</i> , 2021 , 57, 103462	4	1
13	Bile acid metabolism is altered in multiple sclerosis and supplementation ameliorates neuroinflammation		1
12	Optic Neuritis-Independent Retinal Atrophy in Neuromyelitis Optica Spectrum Disorder. <i>Journal of Neuro-Ophthalmology</i> , 2021 ,	2.6	1
11	Characteristics of morphologic macular abnormalities in neuroimmunology practice. <i>Multiple Sclerosis Journal</i> , 2019 , 25, 361-371	5	1
10	Reply to "Retinal INL Thickness in Multiple Sclerosis: A Mere Marker of Neurodegeneration?". <i>Annals of Neurology</i> , 2021 , 89, 193-194	9.4	1
9	Evidence for and against subclinical disease activity and progressive disease in MOG antibody disease and neuromyelitis optica spectrum disorder. <i>Journal of Neuroimmunology</i> , 2021 , 360, 577702	3.5	1

8	JC virus granule cell neuronopathy onset two months after chemotherapy for low-grade lymphoma. <i>Cerebellum and Ataxias</i> , 2017 , 4, 8	1.7	○
7	Type of serum collection tube does not impact neurofilament light chain levels.. <i>Multiple Sclerosis and Related Disorders</i> , 2022 , 59, 103676	4	○
6	Retinal pathology in spontaneous opticospinal experimental autoimmune encephalitis mice.. <i>Journal of Neuroimmunology</i> , 2022 , 367, 577859	3.5	○
5	Safety and immunologic effects of high- vs low-dose cholecalciferol in multiple sclerosis. <i>Neurology</i> , 2016 , 87, 446	6.5	
4	Safety and immunologic effects of high- vs low-dose cholecalciferol in multiple sclerosis. <i>Neurology</i> , 2016 , 87, 445-6	6.5	
3	To treat or not to treat? A case of remote asynchronous bilateral optic neuritis with aquaporin-4 IgG seropositivity. <i>Neuroimmunology Reports</i> , 2022 , 2, 100069		
2	Safety and immunologic effects of high- vs low-dose cholecalciferol in multiple sclerosis. <i>Neurology</i> , 2016 , 87, 1424	6.5	
1	Reply to "Interpretation of longitudinal changes of the inner nuclear layer in MS".. <i>Annals of Neurology</i> , 2022 ,	9.4	