Nancy L Sicotte

List of Publications by Citations

31 papers	2,840 citations	18 h-index	31 g-index
31 ext. papers	3,214 ext. citations	7.7 avg, IF	4.71 L-index

#	Paper	IF	Citations
31	Automated image registration: II. Intersubject validation of linear and nonlinear models. *Journal of Computer Assisted Tomography*, **1998**, 22, 153-65	2.2	739
30	Treatment of multiple sclerosis with the pregnancy hormone estriol. *Annals of Neurology*, **2002**, 52, 421-8	9.4	349
29	Mutations in a human ROBO gene disrupt hindbrain axon pathway crossing and morphogenesis. *Science*, **2004**, 304, 1509-13	33.3	304
28	Immune modulation in multiple sclerosis patients treated with the pregnancy hormone estriol. *Journal of Immunology*, **2003**, 171, 6267-74	5.3	208
27	The central vein sign and its clinical evaluation for the diagnosis of multiple sclerosis: a consensus statement from the North American Imaging in Multiple Sclerosis Cooperative. *Nature Reviews Neurology*, **2016**, 12, 714-722	15	172
26	Testosterone treatment in multiple sclerosis: a pilot study. *Archives of Neurology*, **2007**, 64, 683-8		152
25	Creation and use of a Talairach-compatible atlas for accurate, automated, nonlinear intersubject registration, and analysis of functional imaging data. *Human Brain Mapping*, **1999**, 8, 73-9	5.9	134
24	Estriol combined with glatiramer acetate for women with relapsing-remitting multiple sclerosis: a randomised, placebo-controlled, phase 2 trial. *Lancet Neurology, The*, **2016**, 15, 35-46	24.1	109
23	Comparison of multiple sclerosis lesions at 1.5 and 3.0 Tesla. *Investigative Radiology*, **2003**, 38, 423-7	10.1	97
22	Smaller cornu ammonis 2-3/dentate gyrus volumes and elevated cortisol in multiple sclerosis patients with depressive symptoms. *Biological Psychiatry*, **2010**, 68, 553-9	7.9	92
21	Neuroprotective effects of testosterone treatment in men with multiple sclerosis. *NeuroImage: Clinical*, **2014**, 4, 454-60	5.3	75
20	Estrogen treatment decreases matrix metalloproteinase (MMP)-9 in autoimmune demyelinating disease through estrogen receptor alpha (ERalpha). *Laboratory Investigation*, **2009**, 89, 1076-83	5.9	60
19	Microglia in Multiple Sclerosis: Friend or Foe?. *Frontiers in Immunology*, **2020**, 11, 374	8.4	53
18	Corpus callosal diffusivity predicts motor impairment in relapsing-remitting multiple sclerosis: a TBSS and tractography study. *NeuroImage*, **2011**, 55, 1169-77	7.9	52
17	Detection of altered hippocampal morphology in multiple sclerosis-associated depression using automated surface mesh modeling. *Human Brain Mapping*, **2014**, 35, 30-7	5.9	50
16	Thalamic-hippocampal-prefrontal disruption in relapsing-remitting multiple sclerosis. *NeuroImage: Clinical*, **2015**, 8, 440-7	5.3	38
15	Fornix damage limits verbal memory functional compensation in multiple sclerosis. *NeuroImage*, **2012**, 59, 2932-40	7.9	37

14	Gradient nonlinearity effects on upper cervical spinal cord area measurement from 3D T -weighted brain MRI acquisitions. *Magnetic Resonance in Medicine*, **2018**, 79, 1595-1601	4.4	19
13	Neuroimaging in multiple sclerosis: neurotherapeutic implications. *Neurotherapeutics*, **2011**, 8, 54-62	6.4	17
12	Multisite reliability and repeatability of an advanced brain MRI protocol. *Journal of Magnetic Resonance Imaging*, **2019**, 50, 878-888	5.6	14
11	Imaging Mechanisms of Disease Progression in Multiple Sclerosis: Beyond Brain Atrophy. *Journal of Neuroimaging*, **2020**, 30, 251-266	2.8	14
10	Magnetic resonance imaging in multiple sclerosis: the role of conventional imaging. *Neurologic Clinics*, **2011**, 29, 343-56	4.5	13
9	Autologous Hematopoietic Stem Cell Transplant in Multiple Sclerosis: Recommendations of the National Multiple Sclerosis Society. *JAMA Neurology*, **2021**, 78, 241-246	17.2	10
8	The NAIMS cooperative pilot project: Design, implementation and future directions. *Multiple Sclerosis Journal*, **2018**, 24, 1770-1772	5	8
7	Three-dimensional whole-brain simultaneous T1, T2, and T1ρ quantification using MR Multitasking: Method and initial clinical experience in tissue characterization of multiple sclerosis. *Magnetic Resonance in Medicine*, **2021**, 85, 1938-1952	4.4	7
6	Creation and use of a Talairach-compatible atlas for accurate, automated, nonlinear intersubject registration, and analysis of functional imaging data **1999**, 8, 73		6
5	New imaging approaches for precision diagnosis and disease staging of MS?. *Multiple Sclerosis Journal*, **2020**, 26, 568-575	5	4
4	Deep grey matter injury in multiple sclerosis: a NAIMS consensus statement. *Brain*, **2021**, 144, 1974-1984	11.2	4
3	Optic disk and white matter abnormalities in a patient with a de novo 18p partial monosomy. *Ophthalmic Genetics*, **2010**, 31, 147-54	1.2	2
2	Preventing multiple sclerosis misdiagnosis using the "central vein sign": A real-world study. *Multiple Sclerosis and Related Disorders*, **2021**, 48, 102671	4	1
1	Do you believe in Gad?. *Multiple Sclerosis and Related Disorders*, **2020**, 44, 102299	4	0