

# Xavier Ayrignac

## List of Publications by Year in descending order

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Version: 2024-02-01

113  
papers

3,514  
citations

172457

29  
h-index

161849

54  
g-index

123  
all docs

123  
docs citations

123  
times ranked

4787  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical spectrum and prognostic value of CNS MOG autoimmunity in adults. <i>Neurology</i> , 2018, 90, e1858-e1869.	1.1	401
2	Mutation of the <i>PDGFRB</i> gene as a cause of idiopathic basal ganglia calcification. <i>Neurology</i> , 2013, 80, 181-187.	1.1	239
3	Phenotypic spectrum of probable and genetically-confirmed idiopathic basal ganglia calcification. <i>Brain</i> , 2013, 136, 3395-3407.	7.6	183
4	Recent insights into cerebral cavernous malformations: the molecular genetics of CCM. <i>FEBS Journal</i> , 2010, 277, 1070-1075.	4.7	159
5	A current view of the diagnosis, clinical variants, response to treatment and prognosis of chronic inflammatory demyelinating polyradiculoneuropathy. <i>Journal of the Peripheral Nervous System</i> , 2010, 15, 50-56.	3.1	140
6	Clinical Features and Risk of Relapse in Children and Adults with Myelin Oligodendrocyte Glycoprotein Antibody-Associated Disease. <i>Annals of Neurology</i> , 2021, 89, 30-41.	5.3	123
7	Evaluation of treatment response in adults with relapsing MOG-Ab-associated disease. <i>Journal of Neuroinflammation</i> , 2019, 16, 134.	7.2	115
8	Natural history of adult-onset eIF2B-related disorders: a multi-centric survey of 16 cases. <i>Brain</i> , 2009, 132, 2161-2169.	7.6	103
9	Mechanical Thrombectomy for Minor and Mild Stroke Patients Harboring Large Vessel Occlusion in the Anterior Circulation. <i>Stroke</i> , 2017, 48, 3274-3281.	2.0	85
10	Endovascular Management of Tandem Occlusion Stroke Related to Internal Carotid Artery Dissection Using a Distal to Proximal Approach: Insight from the RECAST Study. <i>American Journal of Neuroradiology</i> , 2016, 37, 1281-1288.	2.4	75
11	MRI features of demyelinating disease associated with anti-MOG antibodies in adults. <i>Journal of Neuroradiology</i> , 2019, 46, 312-318.	1.1	74
12	Favorable revascularization therapy in patients with ASPECTS $\geq$ 5 on DWI in anterior circulation stroke. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 5-9.	3.3	72
13	Sensory chronic inflammatory demyelinating polyneuropathy: An under-recognized entity?. <i>Muscle and Nerve</i> , 2013, 48, 727-732.	2.2	68
14	Serum GFAP in multiple sclerosis: correlation with disease type and MRI markers of disease severity. <i>Scientific Reports</i> , 2020, 10, 10923.	3.3	66
15	Optic neuritis in patients with anti-MOG antibodies spectrum disorder: MRI and clinical features from a large multicentric cohort in France. <i>Journal of Neurology</i> , 2017, 264, 2173-2175.	3.6	64
16	Adult-onset genetic leukoencephalopathies: A MRI pattern-based approach in a comprehensive study of 154 patients. <i>Brain</i> , 2015, 138, 284-292.	7.6	58
17	Patient Selection for Stroke Endovascular Therapy-- DWI-ASPECTS Thresholds Should Vary among Age Groups: Insights from the RECAST Study. <i>American Journal of Neuroradiology</i> , 2015, 36, 32-39.	2.4	53
18	Cranial nerve involvement in patients with MOG antibody-associated disease. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2019, 6, e543.	6.0	53

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19	Lack of confirmation of anti-inward rectifying potassium channel 4.1 antibodies as reliable markers of multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2014, 20, 1699-1703.	3.0	50
20	Biallelic MYORG mutation carriers exhibit primary brain calcification with a distinct phenotype. <i>Brain</i> , 2019, 142, 1573-1586.	7.6	49
21	CD70 defines a subset of proinflammatory and CNS-pathogenic TH1/TH17 lymphocytes and is overexpressed in multiple sclerosis. <i>Cellular and Molecular Immunology</i> , 2019, 16, 652-665.	10.5	49
22	Primary brain calcification: an international study reporting novel variants and associated phenotypes. <i>European Journal of Human Genetics</i> , 2018, 26, 1462-1477.	2.8	48
23	Usefulness of MOG-antibody titres at first episode to predict the future clinical course in adults. <i>Journal of Neurology</i> , 2019, 266, 806-815.	3.6	47
24	Interplay between primary familial brain calcification-associated SLC20A2 and XPR1 phosphate transporters requires inositol polyphosphates for control of cellular phosphate homeostasis. <i>Journal of Biological Chemistry</i> , 2020, 295, 9366-9378.	3.4	47
25	Natural History of Adult Patients with GM2 Gangliosidosis. <i>Annals of Neurology</i> , 2020, 87, 609-617.	5.3	40
26	High CD3+ Cells in Intracranial Thrombi Represent a Biomarker of Atherothrombotic Stroke. <i>PLoS ONE</i> , 2016, 11, e0154945.	2.5	39
27	Adult Niemann-Pick disease type C in France: clinical phenotypes and long-term miglustat treatment effect. <i>Orphanet Journal of Rare Diseases</i> , 2018, 13, 175.	2.7	38
28	Multiple sclerosis lesions in motor tracts from brain to cervical cord: spatial distribution and correlation with disability. <i>Brain</i> , 2020, 143, 2089-2105.	7.6	34
29	Mini-Exome Coupled to Read-Depth Based Copy Number Variation Analysis in Patients with Inherited Ataxias. <i>Human Mutation</i> , 2016, 37, 1340-1353.	2.5	33
30	Cerebrospinal fluid A beta 1-40 peptides increase in Alzheimer's disease and are highly correlated with phospho-tau in control individuals. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 123.	6.2	33
31	Adult-Onset Leukoencephalopathy with Axonal Spheroids and Pigmented Glia: An MRI Study of 16 French Cases. <i>American Journal of Neuroradiology</i> , 2018, 39, 1657-1661.	2.4	31
32	Rheumatic disorders associated with immune checkpoint inhibitors: what about myositis? An analysis of the WHO's adverse drug reactions database. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, e32-e32.	0.9	26
33	The long-term outcome of MOGAD: An observational national cohort study of 61 patients. <i>European Journal of Neurology</i> , 2021, 28, 1659-1664.	3.3	26
34	Brain MRI features and scoring of leukodystrophy in adult-onset Krabbe disease. <i>Neurology</i> , 2019, 93, e647-e652.	1.1	25
35	Isolated tumefactive demyelinating lesions: diagnosis and long-term evolution of 16 patients in a multicentric study. <i>Journal of Neurology</i> , 2015, 262, 1637-1645.	3.6	24
36	CSF1R-related leukoencephalopathy mimicking primary progressive multiple sclerosis. <i>Journal of Neurology</i> , 2016, 263, 1864-1865.	3.6	24

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37	Cerebrospinal Fluid Alzheimer's Disease Biomarkers in Cerebral Amyloid Angiopathy-Related Inflammation. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 759-764.	2.6	23
38	Characteristics, outcome and treatments with cranial pachymeningitis. <i>Medicine (United States)</i> , 2018, 97, e11413.	1.0	23
39	Frailty in ageing persons with multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2021, 27, 613-620.	3.0	22
40	Brain Calcifications in Adult-Onset Genetic Leukoencephalopathies. <i>JAMA Neurology</i> , 2017, 74, 1000.	9.0	20
41	A meta-analysis comparing first-line immunosuppressants in neuromyelitis optica. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 2025-2037.	3.7	20
42	A Clinico-Radiological Study of Cerebral Amyloid Angiopathy-Related Inflammation. <i>Cerebrovascular Diseases</i> , 2019, 48, 38-44.	1.7	19
43	Characterization of XPR1/SLC53A1 variants located outside of the SPX domain in patients with primary familial brain calcification. <i>Scientific Reports</i> , 2019, 9, 6776.	3.3	19
44	Is impaired cerebral vasoreactivity an early marker of cognitive decline in multiple sclerosis patients?. <i>European Radiology</i> , 2018, 28, 1204-1214.	4.5	17
45	Cerebral Amyloid Angiopathy and Cerebral Amyloid Angiopathy-Related Inflammation: Comparison of Hemorrhagic and DWI MRI Features. <i>Journal of Alzheimer's Disease</i> , 2018, 64, 1113-1121.	2.6	17
46	Focal CIDP presenting as chronic progressive monomelic sensory neuropathy. <i>Muscle and Nerve</i> , 2013, 47, 143-144.	2.2	16
47	COL4A1 Mutation Revealed by an Isolated Brain Hemorrhage. <i>Cerebrovascular Diseases</i> , 2013, 35, 593-594.	1.7	16
48	Extensive cerebral white matter involvement in a patient with NMO spectrum disorder. <i>Multiple Sclerosis Journal</i> , 2014, 20, 1401-1403.	3.0	16
49	Favorable Bridging Therapy Based on DWI-FLAIR Mismatch in Patients with Unclear-Onset Stroke. <i>American Journal of Neuroradiology</i> , 2016, 37, 88-93.	2.4	16
50	Atypical inflammatory demyelinating lesions and atypical multiple sclerosis. <i>Revue Neurologique</i> , 2018, 174, 408-418.	1.5	16
51	Brain magnetic resonance imaging helps to differentiate atypical multiple sclerosis with cavitory lesions and vanishing white matter disease. <i>European Journal of Neurology</i> , 2016, 23, 995-1000.	3.3	15
52	Cognitive Impairment and Basal Ganglia Functional Connectivity in Vascular Parkinsonism. <i>American Journal of Neuroradiology</i> , 2016, 37, 2310-2316.	2.4	15
53	Use of quantitative susceptibility mapping (QSM) in progressive multifocal leukoencephalopathy. <i>Journal of Neuroradiology</i> , 2016, 43, 6-10.	1.1	15
54	MRI characteristics of MOG-Ab associated disease in adults: An update. <i>Revue Neurologique</i> , 2021, 177, 39-50.	1.5	15

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55	Cerebrospinal Fluid, MRI, and Florbetaben-PET in Cerebral Amyloid Angiopathy-Related Inflammation. <i>Journal of Alzheimer's Disease</i> , 2018, 61, 1107-1117.	2.6	14
56	Psychological processes associated with insomnia in patients with multiple sclerosis. <i>Sleep</i> , 2018, 41, .	1.1	14
57	&lt;b>&lt;i>OPA3&lt;/i>&lt;/b>-Related Autosomal Dominant Optic Atrophy and Cataract with Ataxia and Areflexia. <i>European Neurology</i> , 2012, 68, 108-110.	1.4	13
58	High rate of hypomorphic variants as the cause of inherited ataxia and related diseases: study of a cohort of 366 families. <i>Genetics in Medicine</i> , 2021, 23, 2160-2170.	2.4	13
59	Infections and multiple sclerosis: Recommendations from the French Multiple Sclerosis Society. <i>Revue Neurologique</i> , 2021, 177, 980-994.	1.5	13
60	Quantitative susceptibility mapping suggests a paramagnetic effect in PML. <i>Neurology</i> , 2015, 84, 1501-1502.	1.1	12
61	Mystery Case: <i>CSF-1R</i> mutation is a cause of intracranial cerebral calcifications, cysts, and leukoencephalopathy: [RETRACTED]. <i>Neurology</i> , 2016, 87, e262-e263.	1.1	12
62	A Case Report of Solitary Sclerosis: This is Really Multiple Sclerosis. <i>Neurology and Therapy</i> , 2017, 6, 259-263.	3.2	12
63	Focal and diffuse cervical spinal cord damage in patients with early relapsing&acircumflexoemitting MS: A multicentre magnetisation transfer ratio study. <i>Multiple Sclerosis Journal</i> , 2019, 25, 1113-1123.	3.0	12
64	Symptomatic isolated internal carotid artery occlusion with initial medical management: a monocentric cohort. <i>Journal of Neurology</i> , 2021, 268, 346-355.	3.6	12
65	Diffusion tensor imaging differentiates vascular parkinsonism from parkinsonian syndromes of degenerative origin in elderly subjects. <i>European Journal of Radiology</i> , 2014, 83, 2074-2079.	2.6	11
66	Segmental somatosensory-evoked potentials as a diagnostic tool in chronic inflammatory demyelinating polyneuropathies, and other sensory neuropathies. <i>Neurophysiologie Clinique</i> , 2014, 44, 267-280.	2.2	11
67	Solitary sclerosis: Experience from three French tertiary care centres. <i>Multiple Sclerosis Journal</i> , 2015, 21, 1216-1216.	3.0	11
68	The wide POLG-related spectrum: An integrated view. <i>Journal of the Neurological Sciences</i> , 2016, 368, 70-76.	0.6	10
69	Adult-onset cerebral X-linked adrenoleukodystrophy with major contrast-enhancement mimicking acquired disease. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 1906-1907.	1.4	9
70	MRI pattern approach of adult-onset inherited leukoencephalopathies. <i>Neurology: Clinical Practice</i> , 2014, 4, 287-295.	1.6	9
71	Pathologic and MRI analysis in acute atypical inflammatory demyelinating lesions. <i>Journal of Neurology</i> , 2019, 266, 1743-1755.	3.6	9
72	Multiple sclerosis with atypical MRI presentation: Results of a nationwide multicenter study in 57 consecutive cases. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 28, 109-116.	2.0	9

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73	Posterior fossa involvement in the diagnosis of adult-onset inherited leukoencephalopathies. <i>Journal of Neurology</i> , 2016, 263, 2361-2368.	3.6	8
74	MRI volumetric morphometry in vascular parkinsonism. <i>Journal of Neurology</i> , 2017, 264, 1511-1519.	3.6	8
75	Assessing the risk of multiple sclerosis disease-modifying therapies. <i>Expert Review of Neurotherapeutics</i> , 2019, 19, 695-706.	2.8	8
76	Two neurologic facets of CTLA4-related haploinsufficiency. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020, 7, .	6.0	8
77	Evaluation of CSF1R -related adult onset leukoencephalopathy with axonal spheroids and pigmented glia diagnostic criteria. <i>European Journal of Neurology</i> , 2022, 29, 329-334.	3.3	8
78	Solitary sclerosis: progressive myelopathy from solitary demyelinating lesion. A new entity?. <i>Acta Neurologica Belgica</i> , 2013, 113, 533-534.	1.1	6
79	Quantitative susceptibility mapping in superficial hemosiderosis of the central nervous system. <i>Journal of Neuroradiology</i> , 2015, 42, 370-372.	1.1	6
80	Acute retinal arterial ischaemia: silent brain infarcts prevalence and short-term recurrence. <i>European Journal of Neurology</i> , 2020, 27, 2517-2522.	3.3	6
81	First line treatment failure: Predictive factors in a cohort of 863 Relapsing Remitting MS patients. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 48, 102686.	2.0	6
82	Different clinical outcomes between cerebral amyloid angiopathy-related inflammation and non-inflammatory form. <i>Journal of Neurology</i> , 2022, 269, 4972-4984.	3.6	6
83	Two cases of relapses in primary progressive multiple sclerosis after fingolimod withdrawal. <i>Journal of Neurology</i> , 2016, 263, 1361-1363.	3.6	5
84	Glatiramer acetate-induced hepatitis in a patient with multiple sclerosis. <i>Acta Neurologica Belgica</i> , 2016, 116, 99-100.	1.1	5
85	TREX1 Mutation in Leukodystrophy with Calcifications and Persistent Gadolinium-Enhancement. <i>European Neurology</i> , 2017, 77, 113-114.	1.4	5
86	From Baló's concentric sclerosis to multiple sclerosis: a series of 6 patients. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 42, 102078.	2.0	5
87	Neuromyelitis optica spectrum disorder following COVID-19 infection with increase in pre-existing anti-aquaporin-4 antibodies. <i>Journal of Neurology</i> , 2022, 269, 2850-2853.	3.6	5
88	Pure Relapsing Short Myelitis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2022, 9, .	6.0	5
89	Isolated Bilateral Anterior Inferior Cerebellar Artery Infarction. <i>Archives of Neurology</i> , 2010, 67, 766-7.	4.5	4
90	Isolated Lacunar Infarct: An Early Clinical Presentation of CADASIL?. <i>Cerebrovascular Diseases</i> , 2013, 35, 298-299.	1.7	4

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91	Late Diagnosis of COL4A1 Mutation and Problematic Vascular Risk Factor Management. European Neurology, 2014, 72, 150-152.	1.4	4
92	Cortical and cerebellar hypometabolism after bilateral antero-inferior cerebellar artery infarct. Neurology, 2012, 78, 69-70.	1.1	3
93	Sensitivity of [18F]-Fluorodeoxyglucoseâ€“Positron Emission Tomography in Patients With Active Myelopathy. Mayo Clinic Proceedings, 2014, 89, 859.	3.0	3
94	Measurement of magnetization transfer ratio (MTR) from cervical spinal cord: Multicenter reproducibility and variability. Journal of Magnetic Resonance Imaging, 2019, 49, 1777-1785.	3.4	3
95	The coexistence of recurrent cerebral tumefactive demyelinating lesions with longitudinally extensive transverse myelitis and demyelinating neuropathy. Multiple Sclerosis and Related Disorders, 2019, 27, 223-225.	2.0	3
96	Diagnostic and therapeutic issues of inflammatory diseases of the elderly. Revue Neurologique, 2020, 176, 739-749.	1.5	3
97	[123I] FP-CIT SPECT in Creutzfeldtâ€“Jakob disease. Journal of Neurology, 2010, 257, 1754-1755.	3.6	2
98	A novel autosomal dominant leukodystrophy with specific MRI pattern. Journal of Neurology, 2015, 262, 988-991.	3.6	2
99	Study of subclinical ocular motor disorders by video oculography in patients with clinically isolated syndromes. Multiple Sclerosis and Related Disorders, 2016, 9, 118-120.	2.0	2
100	Intracranial stenting after the Wingspan withdrawal in France: Clinical experience using a low profile coronary stent. Journal of Neuroradiology, 2017, 44, 165-167.	1.1	2
101	Cerebral Vasoreactivity as an Indirect MRI Marker of White Matter Tracts Alterations in Multiple Sclerosis. Brain Topography, 2021, 34, 245-255.	1.8	2
102	Hospitalization Risks for Neurological Disorders in Primary SjÃ“rgrenâ€™s Syndrome Patients. Journal of Clinical Medicine, 2022, 11, 1979.	2.4	2
103	Low Signals on T2* and SWI Sequences in Patients with MS with Progressive Multifocal Leukoencephalopathy. American Journal of Neuroradiology, 2016, 37, E11-E11.	2.4	1
104	Paraplegia related to solitary lesion of the cervicomedullary junction. Acta Neurologica Belgica, 2017, 117, 545-546.	1.1	1
105	Optic chiasm and oculomotor nerves involvement in active multiple sclerosis. Journal of Neuroradiology, 2020, 47, 62-64.	1.1	1
106	Leucodistrofie dellâ€™adulto. EMC - Neurologia, 2016, 16, 1-8.	0.0	0
107	Author response: Mystery Case: <i>CSF-1R</i> mutation is a cause of intracranial cerebral calcifications, cysts, and leukoencephalopathy. Neurology, 2017, 88, 1978-1978.	1.1	0
108	Comment je raisonne devant une leucoencÃ©phalopathie chronique de lâ€™adulteÂ?. Pratique Neurologique - FMC, 2017, 8, 148-155.	0.1	0

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109	Diagnostics différentiels de la sclérose en plaques. , 2017, , 113-143.		0
110	Late activity rebound in non-active multiple sclerosis: A rare event. Multiple Sclerosis Journal, 2018, 24, 1649-1650.	3.0	0
111	POLR3-related disorder revealed by movement disorders. Revue Neurologique, 2021, 177, 328-330.	1.5	0
112	Diffuse neurofibrillary tangles with calcification: A single entity or two disorders in a single patient?. Revue Neurologique, 2021, 177, 439-440.	1.5	0
113	A regional strategy to decrease the time to thrombectomy in patients with low probability of treatment by thrombolysis. Revue Neurologique, 2021, , .	1.5	0