Eric Jouvent

List of Publications by Year
in descending order

99 papers	4,707 citations	94433 37 h-index	110387 64 g-index
103 all docs	103 docs citations	103 times ranked	6001 citing authors

#	Article	IF	Citations
1	Brain magnetic resonance imaging lesion load at diagnosis, severity at onset and outcomes in Susac syndrome: A prospective cohort study. European Journal of Neurology, 2022, 29, 121-129.	3.3	1
2	Cerebral Small-Vessel Diseases: A Look Back from 1991 to Today. Cerebrovascular Diseases, 2022, 51, 131-137.	1.7	2
3	Susac syndrome: A scoping review. Autoimmunity Reviews, 2022, 21, 103097.	5.8	16
4	The Epidermal Growth Factor Domain of the Mutation Does Not Appear to Influence Disease Progression in CADASIL When Brain Volume and Sex Are Taken into Account. American Journal of Neuroradiology, 2022, , .	2.4	1
5	Trajectory Pattern of Cognitive Decline in Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy. Neurology, 2022, 99, .	1.1	1
6	Development of imaging-based risk scores for prediction of intracranial haemorrhage and ischaemic stroke in patients taking antithrombotic therapy after ischaemic stroke or transient ischaemic attack: a pooled analysis of individual patient data from cohort studies. Lancet Neurology, The, 2021, 20, 294-303.	10.2	37
7	Heterozygous <i>HTRA1</i> nonsense or frameshift mutations are pathogenic. Brain, 2021, 144, 2616-2624.	7.6	12
8	Acute ischemic stroke in adolescents. Neurology, 2020, 94, e158-e169.	1.1	22
9	Cognitive dysfunction and brain atrophy in Susac syndrome. Journal of Neurology, 2020, 267, 994-1003.	3.6	13
10	Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy. Stroke, 2020, 51, 21-28.	2.0	19
11	Brain atrophy in cerebral small vessel diseases: Extent, consequences, technical limitations and perspectives: The HARNESS initiative. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 231-245.	4.3	49
12	Vanishing White Matter Hyperintensities in CADASIL: A Case Report with Insight into Disease Mechanisms. Journal of Alzheimer's Disease, 2020, 78, 907-910.	2.6	4
13	Imaging of the aging brain and development of MRI signal abnormalities. Revue Neurologique, 2020, 176, 661-669.	1.5	5
14	Editorial: Cerebral Small Vessel Diseases: From Vessel Alterations to Cortical Parenchymal Injury. Frontiers in Neurology, 2020, 11, 92.	2.4	1
15	The effect of NOTCH3 pathogenic variant position on CADASIL disease severity: NOTCH3 EGFr 1â€“6 pathogenic variant are associated with a more severe phenotype and lower survival compared with EGFr 7â€“34 pathogenic variant. Genetics in Medicine, 2019, 21, 676-682.	2.4	102
16	Alteration of the Cortex Shape as a Proxy of White Matter Swelling in Severe Cerebral Small Vessel Disease. Frontiers in Neurology, 2019, 10, 753.	2.4	5
17	Cerebral Amyloid Angiopathy Related Inflammation With Prominent Meningeal Involvement. A Report of 2 Cases. Frontiers in Neurology, 2019, 10, 984.	2.4	13
18	Cerebral microbleeds and stroke risk after ischaemic stroke or transient ischaemic attack: a pooled analysis of individual patient data from cohort studies. Lancet Neurology, The, 2019, 18, 653-665.	10.2	143

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19	Harmonizing brain magnetic resonance imaging methods for vascular contributions to neurodegeneration. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 191-204.	2.4	65
20	Clinical correlates of longitudinal MRI changes in CADASIL. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1299-1305.	4.3	22
21	Validation and Optimization of BIANCA for the Segmentation of Extensive White Matter Hyperintensities. Neuroinformatics, 2018, 16, 269-281.	2.8	20
22	Free water determines diffusion alterations and clinical status in cerebral small vessel disease. Alzheimer's and Dementia, 2018, 14, 764-774.	0.8	108
23	Different types of white matter hyperintensities in CADASIL: Insights from 7-Tesla MRI. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1654-1663.	4.3	25
24	Consensus statement on current and emerging methods for the diagnosis and evaluation of cerebrovascular disease. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1391-1417.	4.3	48
25	Different Types of White Matter Hyperintensities in CADASIL. Frontiers in Neurology, 2018, 9, 526.	2.4	21
26	Why Are Only Some Subcortical Ischemic Lesions on Diffusion Magnetic Resonance Imaging Associated With Stroke Symptoms in Small Vessel Disease?. Stroke, 2018, 49, 1920-1923.	2.0	6
27	Updates on Prevention of Hemorrhagic and Lacunar Strokes. Journal of Stroke, 2018, 20, 167-179.	3.2	34
28	Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts and Leukoencephalopathy (CADASIL) as a model of small vessel disease: update on clinical, diagnostic, and management aspects. BMC Medicine, 2017, 15, 41.	5.5	212
29	Diffusion magnetic resonance imaging in cerebral small vessel disease. Revue Neurologique, 2017, 173, 201-210.	1.5	15
30	Focal Macroscopic Cortical Lesions in Cerebral Autosomal-Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy. Stroke, 2017, 48, 1408-1411.	2.0	6
31	Cortical Superficial Siderosis in Different Types of Cerebral Small Vessel Disease. Stroke, 2017, 48, 1404-1407.	2.0	40
32	Predictors and Clinical Impact of Incident Lacunes in Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy. Stroke, 2017, 48, 283-289.	2.0	25
33	Lower Magnetization Transfer Ratio in the Forceps Minor Is Associated with Poorer Gait Velocity in Older Adults. American Journal of Neuroradiology, 2017, 38, 500-506.	2.4	9
34	Arterial branching and basal ganglia lacunes: A study in pure small vessel disease. European Stroke Journal, 2017, 2, 264-271.	5.5	2
35	Cerebral Microbleeds and the Risk of Incident Ischemic Stroke in CADASIL (Cerebral Autosomal) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2699-2703.	2.0	29
36	Reaction Time Is Negatively Associated with Corpus Callosum Area in the Early Stages of CADASIL. American Journal of Neuroradiology, 2017, 38, 2094-2099.	2.4	9

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37	Reproducibility and variability of quantitative magnetic resonance imaging markers in cerebral small vessel disease. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1319-1337.	4.3	80
38	Shape of the Central Sulcus and Disability After Subcortical Stroke. Stroke, 2016, 47, 1023-1029.	2.0	12
39	Features and Determinants of Lacune Shape. Stroke, 2016, 47, 1258-1264.	2.0	11
40	Determinants of iron accumulation in the normal aging brain. Neurobiology of Aging, 2016, 43, 149-155.	3.1	59
41	METACOHORTS for the study of vascular disease and its contribution to cognitive decline and neurodegeneration: An initiative of the Joint Programme for Neurodegenerative Disease Research. Alzheimer's and Dementia, 2016, 12, 1235-1249.	0.8	82
42	Prediction of 3-year clinical course in CADASIL. Neurology, 2016, 87, 1787-1795.	1.1	24
43	A Novel Imaging Marker for Small Vessel Disease Based on Skeletonization of White Matter Tracts and Diffusion Histograms. Annals of Neurology, 2016, 80, 581-592.	5.3	250
44	Cerebral Microhemorrhages: Significance, Associations, Diagnosis, and Treatment. Current Treatment Options in Neurology, 2016, 18, 35.	1.8	8
45	Alterations of the cerebral cortex in sporadic small vessel disease: A systematic review of inÂvivo MRI data. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 681-695.	4.3	29
46	Prevalence and characteristics of migraine in CADASIL. Cephalalgia, 2016, 36, 1038-1047.	3.9	73
47	Predictors of Clinical Worsening in Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy. Stroke, 2016, 47, 4-11.	2.0	81
48	<i>APOE É></i>2 is associated with white matter hyperintensity volume in CADASIL. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 199-203.	4.3	28
49	White Matter Edema at the Early Stage of Cerebral Autosomal-Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy. Stroke, 2015, 46, 258-261.	2.0	29
50	R2* mapping for brain iron: associations with cognition in normal aging. Neurobiology of Aging, 2015, 36, 925-932.	3.1	122
51	Reaction Time is a Marker of Early Cognitive and Behavioral Alterations in Pure Cerebral Small Vessel Disease. Journal of Alzheimer's Disease, 2015, 47, 413-419.	2.6	27
52	ADC Histograms from Routine DWI for Longitudinal Studies in Cerebral Small Vessel Disease: A Field Study in CADASIL. PLoS ONE, 2014, 9, e97173.	2.5	20
53	In Vivo High-Resolution 7 Tesla MRI Shows Early and Diffuse Cortical Alterations in CADASIL. PLoS ONE, 2014, 9, e106311.	2.5	23
54	Magnetization Transfer Ratio Relates to Cognitive Impairment in Normal Elderly. Frontiers in Aging Neuroscience, 2014, 6, 263.	3.4	34

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55	Strategic white matter tracts for processing speed deficits in age-related small vessel disease. Neurology, 2014, 82, 1946-1950.	1.1	116
56	Dilated Perivascular Spaces in Small-Vessel Disease: A Study in CADASIL. Cerebrovascular Diseases, 2014, 37, 155-163.	1.7	58
57	Decreased T1 Contrast between Gray Matter and Normal-Appearing White Matter in CADASIL. American Journal of Neuroradiology, 2014, 35, 72-76.	2.4	18
58	Loss of Venous Integrity in Cerebral Small Vessel Disease. Stroke, 2014, 45, 2124-2126.	2.0	43
59	Genome-Wide Genotyping Demonstrates a Polygenic Risk Score Associated With White Matter Hyperintensity Volume in CADASIL. Stroke, 2014, 45, 968-972.	2.0	33
60	Impact of regional cortical and subcortical changes on processing speed in cerebral small vessel disease. NeuroImage: Clinical, 2013, 2, 854-861.	2.7	48
61	Education modifies the relation of vascular pathology to cognitive function: cognitive reserve in cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy. Neurobiology of Aging, 2013, 34, 400-407.	3.1	54
62	Neurological presentation of schistosomiasis. Lancet, The, 2013, 381, 1788.	13.7	9
63	Identification of a strategic brain network underlying processing speed deficits in vascular cognitive impairment. NeuroImage, 2013, 66, 177-183.	4.2	62
64	Incident lacunes preferentially localize to the edge of white matter hyperintensities: insights into the pathophysiology of cerebral small vessel disease. Brain, 2013, 136, 2717-2726.	7.6	141
65	Pure psychiatric presentation of Fragile Xâ€associated tremor/ataxia syndrome. European Journal of Neurology, 2013, 20, e113-4.	3.3	2
66	Cortical folding influences migraine aura symptoms in CADASIL. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 213-216.	1.9	16
67	Incident subcortical infarcts induce focal thinning in connected cortical regions. Neurology, 2012, 79, 2025-2028.	1.1	189
68	NIHSS Scores in Ischemic Small Vessel Disease: A Study in CADASIL. Cerebrovascular Diseases, 2012, 34, 419-423.	1.7	11
69	Extensive White Matter Hyperintensities May Increase Brain Volume in Cerebral Autosomal-Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy. Stroke, 2012, 43, 3252-3257.	2.0	31
70	Sulcal Span in Azheimer's Disease, Amnestic Mild Cognitive Impairment, and Healthy Controls. Journal of Alzheimer's Disease, 2012, 29, 605-613.	2.6	20
71	Effects of Gender on the Phenotype of CADASIL. Stroke, 2012, 43, 137-141.	2.0	46
72	Partie 2Â: angiopathie amyloÃ¯de cÃ©rÃ©brale et formes gÃ©nÃ©tiques de maladies des petites artÃ¨res cÃ©rÃ©brales. Pratique Neurologique - FMC, 2012, 3, 289-295.	0.1	0

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73	Partie 1Â: Maladies des petites artÃ¨res cÃ©rÃ©brales liÃ©es Ã lâ€™Ã¢ge et Ã lâ€™hypertension. Pratique Neurologique - FMC, 2012, 3, 197-205.	0.1	2
74	Using CSF biomarkers to replicate genetic associations in Alzheimer's disease. Neurobiology of Aging, 2012, 33, 1486.e9-1486.e15.	3.1	25
75	Longitudinal changes of cortical morphology in CADASIL. Neurobiology of Aging, 2012, 33, 1002.e29-1002.e36.	3.1	34
76	Automatic segmentation of white matter hyperintensities robust to multicentre acquisition and pathological variability. , 2012, , .		0
77	Individual subject classification for Alzheimer's disease based on incremental learning using a spatial frequency representation of cortical thickness data. NeuroImage, 2012, 59, 2217-2230.	4.2	172
78	Detecting global and local hippocampal shape changes in Alzheimer's disease using statistical shape models. NeuroImage, 2012, 59, 2155-2166.	4.2	82
79	White-Matter Lesions without Lacunar Infarcts in CADASIL. Journal of Alzheimer's Disease, 2012, 29, 903-911.	2.6	20
80	Contrast-Based Fully Automatic Segmentation of White Matter Hyperintensities: Method and Validation. PLoS ONE, 2012, 7, e48953.	2.5	49
81	Verbal memory impairment in subcortical ischemic vascular disease. Neurobiology of Aging, 2011, 32, 2172-2182.	3.1	34
82	A rare cause of gait ataxia. Lancet, The, 2011, 378, 1274.	13.7	6
83	Mild Cognitive Impairment: Baseline and Longitudinal Structural MR Imaging Measures Improve Predictive Prognosis. Radiology, 2011, 259, 834-843.	7.3	84
84	Strategic role of frontal white matter tracts in vascular cognitive impairment: a voxel-based lesion-symptom mapping study in CADASIL. Brain, 2011, 134, 2366-2375.	7.6	163
85	Intracortical Infarcts in Small Vessel Disease. Stroke, 2011, 42, e27-30.	2.0	74
86	Apathy is related to cortex morphology in CADASIL. Neurology, 2011, 76, 1472-1477.	1.1	37
87	Cerebral Atrophy in Cerebrovascular Disorders. Journal of Neuroimaging, 2010, 20, 213-218.	2.0	28
88	In-vivo measurement of cortical morphology: means and meanings. Current Opinion in Neurology, 2010, 23, 359-367.	3.6	127
89	A cortical form of CADASIL with cerebral AÎ² amyloidosis. Acta Neuropathologica, 2010, 120, 813-820.	7.7	14
90	Impact of MRI markers in subcortical vascular dementia: A multi-modal analysis in CADASIL. Neurobiology of Aging, 2010, 31, 1629-1636.	3.1	124

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91	Three-Dimensional MRI Analysis of Individual Volume of Lacunes in CADASIL. Stroke, 2009, 40, 124-128.	2.0	24
92	Apathy. Neurology, 2009, 72, 905-910.	1.1	131
93	Hippocampal volume is an independent predictor of cognitive performance in CADASIL. Neurobiology of Aging, 2009, 30, 890-897.	3.1	63
94	Measurement of brain atrophy in subcortical vascular disease: A comparison of different approaches and the impact of ischaemic lesions. NeuroImage, 2008, 43, 312-320.	4.2	27
95	Cortical changes in cerebral small vessel diseases: a 3D MRI study of cortical morphology in CADASIL. Brain, 2008, 131, 2201-2208.	7.6	71
96	ADULT-ONSET VANISHING WHITE MATTER LEUKOENCEPHALOPATHY PRESENTING AS PSYCHOSIS. Neurology, 2007, 68, 1538-1539.	1.1	23
97	Prefrontal cortex dysfunction in patients with suicidal behavior. Psychological Medicine, 2007, 37, 411.	4.5	118
98	Brain Atrophy Is Related to Lacunar Lesions and Tissue Microstructural Changes in CADASIL. Stroke, 2007, 38, 1786-1790.	2.0	100
99	Conventional imaging of lacunar infarcts. , 0, , 129-138.		0