

# Frederic Blanc

## List of Publications by Citations

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**Version:** 2024-04-29

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115  
papers

4,461  
citations

32  
h-index

65  
g-index

129  
ext. papers

5,849  
ext. citations

4.8  
avg, IF

4.77  
L-index

#	Paper	IF	Citations
115	Diagnosis and management of dementia with Lewy bodies: Fourth consensus report of the DLB Consortium. <i>Neurology</i> , <b>2017</b> , 89, 88-100	6.5	1691
114	Research criteria for the diagnosis of prodromal dementia with Lewy bodies. <i>Neurology</i> , <b>2020</b> , 94, 743-755	5.5	151
113	Acute fulminant demyelinating disease: a descriptive study of 60 patients. <i>Archives of Neurology</i> , <b>2007</b> , 64, 1426-32		117
112	Cognitive function in radiologically isolated syndrome. <i>Multiple Sclerosis Journal</i> , <b>2010</b> , 16, 919-25	5	90
111	Cognitive functions in neuromyelitis optica. <i>Archives of Neurology</i> , <b>2008</b> , 65, 84-8		86
110	Natural history of adult-onset eIF2B-related disorders: a multi-centric survey of 16 cases. <i>Brain</i> , <b>2009</b> , 132, 2161-9	11.2	85
109	Contribution to Alzheimer's disease risk of rare variants in TREM2, SORL1, and ABCA7 in 1779 cases and 1273 controls. <i>Neurobiology of Aging</i> , <b>2017</b> , 59, 220.e1-220.e9	5.6	83
108	Optical coherence tomography in neuromyelitis optica. <i>Archives of Neurology</i> , <b>2008</b> , 65, 920-3		83
107	C9ORF72 repeat expansions in the frontotemporal dementias spectrum of diseases: a flow-chart for genetic testing. <i>Journal of Alzheimer's Disease</i> , <b>2013</b> , 34, 485-99	4.3	80
106	Plasma amyloid levels within the Alzheimer's process and correlations with central biomarkers. <i>Alzheimer's and Dementia</i> , <b>2018</b> , 14, 858-868	1.2	70
105	White matter atrophy and cognitive dysfunctions in neuromyelitis optica. <i>PLoS ONE</i> , <b>2012</b> , 7, e33878	3.7	69
104	Acetyltransferases (HATs) as targets for neurological therapeutics. <i>Neurotherapeutics</i> , <b>2013</b> , 10, 568-88	6.4	62
103	Screening of dementia genes by whole-exome sequencing in early-onset Alzheimer disease: input and lessons. <i>European Journal of Human Genetics</i> , <b>2016</b> , 24, 710-6	5.3	61
102	Epileptic Prodromal Alzheimer's Disease, a Retrospective Study of 13 New Cases: Expanding the Spectrum of Alzheimer's Disease to an Epileptic Variant?. <i>Journal of Alzheimer's Disease</i> , <b>2016</b> , 52, 1125-33	4.3	61
101	Cortical Thickness in Dementia with Lewy Bodies and Alzheimer's Disease: A Comparison of Prodromal and Dementia Stages. <i>PLoS ONE</i> , <b>2015</b> , 10, e0127396	3.7	55
100	Long-Term Cognitive Decline in Dementia with Lewy Bodies in a Large Multicenter, International Cohort. <i>Journal of Alzheimer's Disease</i> , <b>2017</b> , 57, 787-795	4.3	54
99	JC-virus seroconversion in multiple sclerosis patients receiving natalizumab. <i>Multiple Sclerosis Journal</i> , <b>2014</b> , 20, 822-9	5	52

98	TBK1 mutation frequencies in French frontotemporal dementia and amyotrophic lateral sclerosis cohorts. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 3116.e5-3116.e8	5.6	51
97	Cerebrospinal Fluid Alzheimer's Disease Biomarkers Across the Spectrum of Lewy Body Diseases: Results from a Large Multicenter Cohort. <i>Journal of Alzheimer's Disease</i> , <b>2016</b> , 54, 287-95	4.3	50
96	Alzheimer's disease cerebrospinal fluid biomarkers predict cognitive decline in lewy body dementia. <i>Movement Disorders</i> , <b>2016</b> , 31, 1203-8	7	50
95	Seizures in dominantly inherited Alzheimer disease. <i>Neurology</i> , <b>2016</b> , 87, 912-9	6.5	49
94	Grey matter atrophy in prodromal stage of dementia with Lewy bodies and Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , <b>2016</b> , 8, 31	9	47
93	Magnetic resonance spectroscopy evaluation in patients with neuromyelitis optica. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2010</b> , 81, 409-11	5.5	44
92	Cortical and subcortical gray matter bases of cognitive deficits in REM sleep behavior disorder. <i>Neurology</i> , <b>2018</b> , 90, e1759-e1770	6.5	41
91	Adult-onset genetic leukoencephalopathies: a MRI pattern-based approach in a comprehensive study of 154 patients. <i>Brain</i> , <b>2015</b> , 138, 284-92	11.2	41
90	Cognitive and affective theory of mind in dementia with Lewy bodies and Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , <b>2016</b> , 8, 10	9	40
89	Identifying Dynamic Functional Connectivity Changes in Dementia with Lewy Bodies Based on Product Hidden Markov Models. <i>Frontiers in Computational Neuroscience</i> , <b>2016</b> , 10, 60	3.5	36
88	A signature pattern of cortical atrophy in dementia with Lewy bodies: A study on 333 patients from the European DLB consortium. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 400-409	1.2	36
87	An overview of the use of music therapy in the context of Alzheimer's disease: a report of a French expert group. <i>Dementia</i> , <b>2013</b> , 12, 619-34	3	35
86	Brain perfusion in dementia with Lewy bodies and Alzheimer's disease: an arterial spin labeling MRI study on prodromal and mild dementia stages. <i>Alzheimer's Research and Therapy</i> , <b>2016</b> , 8, 29	9	34
85	Tear analysis in clinically isolated syndrome as new multiple sclerosis criterion. <i>Multiple Sclerosis Journal</i> , <b>2010</b> , 16, 87-92	5	33
84	Lyme optic neuritis. <i>Journal of the Neurological Sciences</i> , <b>2010</b> , 295, 117-9	3.2	32
83	Cognitive profile in prodromal dementia with Lewy bodies. <i>Alzheimer's Research and Therapy</i> , <b>2017</b> , 9, 19	9	31
82	A diagnostic scale for Alzheimer's disease based on cerebrospinal fluid biomarker profiles. <i>Alzheimer's Research and Therapy</i> , <b>2014</b> , 6, 38	9	31
81	Right anterior insula: core region of hallucinations in cognitive neurodegenerative diseases. <i>PLoS ONE</i> , <b>2014</b> , 9, e114774	3.7	31

80	Neural correlates of visual hallucinations in dementia with Lewy bodies. <i>Alzheimer's Research and Therapy</i> , <b>2015</b> , 7, 6	9	30
79	Anti-JCV antibody prevalence in a French cohort of MS patients under natalizumab therapy. <i>Journal of Neurology</i> , <b>2012</b> , 259, 2293-8	5.5	30
78	Diffusion-weighted imaging in noncompressive myelopathies: a 33-patient prospective study. <i>Journal of Neurology</i> , <b>2010</b> , 257, 1438-45	5.5	29
77	Insular atrophy at the prodromal stage of dementia with Lewy bodies: a VBM DARTEL study. <i>Scientific Reports</i> , <b>2017</b> , 7, 9437	4.9	27
76	Induced brain plasticity after a facilitation programme for autobiographical memory in multiple sclerosis: a preliminary study. <i>Multiple Sclerosis International</i> , <b>2012</b> , 2012, 820240	1.1	27
75	Diagnostic Value of Cerebrospinal Fluid Biomarkers (Phospho-Tau181, total-Tau, A $\beta$ 2, and A $\beta$ 0) in Prodromal Stage of Alzheimer's Disease and Dementia with Lewy Bodies. <i>Journal of Alzheimer's Disease</i> , <b>2016</b> , 51, 1069-83	4.3	27
74	The reliability of a deep learning model in clinical out-of-distribution MRI data: A multicohort study. <i>Medical Image Analysis</i> , <b>2020</b> , 66, 101714	15.4	26
73	Allocentric but not egocentric orientation is impaired during normal aging: an ERP study. <i>Neuropsychology</i> , <b>2014</b> , 28, 761-771	3.8	26
72	GBA and APOE $\epsilon$ 4 associate with sporadic dementia with Lewy bodies in European genome wide association study. <i>Scientific Reports</i> , <b>2019</b> , 9, 7013	4.9	24
71	Lyme neuroborreliosis and dementia. <i>Journal of Alzheimer's Disease</i> , <b>2014</b> , 41, 1087-93	4.3	24
70	Relations between C9orf72 expansion size in blood, age at onset, age at collection and transmission across generations in patients and presymptomatic carriers. <i>Neurobiology of Aging</i> , <b>2019</b> , 74, 234.e1-234.e8	5.6	23
69	Using mental visual imagery to improve autobiographical memory and episodic future thinking in relapsing-remitting multiple sclerosis patients: A randomised-controlled trial study. <i>Restorative Neurology and Neuroscience</i> , <b>2015</b> , 33, 621-38	2.8	22
68	Impaired emotional autobiographical memory associated with right amygdalar-hippocampal atrophy in Alzheimer's disease patients. <i>Frontiers in Aging Neuroscience</i> , <b>2015</b> , 7, 21	5.3	22
67	Semantic and nonfluent aphasic variants, secondarily associated with amyotrophic lateral sclerosis, are predominant frontotemporal lobar degeneration phenotypes in TBK1 carriers. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2015</b> , 1, 481-6	5.2	21
66	Cerebrospinal fluid Alzheimer biomarkers can be useful for discriminating dementia with Lewy bodies from Alzheimer's disease at the prodromal stage. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2018</b> , 89, 467-475	5.5	19
65	Reduction of the washout time between natalizumab and fingolimod. <i>Multiple Sclerosis Journal</i> , <b>2013</b> , 19, 1248	5	19
64	Long-term cognitive outcome of Alzheimer's disease and dementia with Lewy bodies: dual disease is worse. <i>Alzheimer's Research and Therapy</i> , <b>2017</b> , 9, 47	9	18
63	Cognitive and imaging markers in non-demented subjects attending a memory clinic: study design and baseline findings of the MEMENTO cohort. <i>Alzheimer's Research and Therapy</i> , <b>2017</b> , 9, 67	9	18

62	Epileptic Amnesic Syndrome revealing Alzheimer's disease. <i>Epilepsy Research</i> , <b>2012</b> , 102, 206-9	3	18
61	MRI-based volumetry correlates of autobiographical memory in Alzheimer's disease. <i>PLoS ONE</i> , <b>2012</b> , 7, e46200	3.7	18
60	βAmyloid and tau biomarkers and clinical phenotype in dementia with Lewy bodies. <i>Neurology</i> , <b>2020</b> , 95, e3257-e3268	6.5	18
59	Impaired mental simulation of specific past and future personal events in non-depressed multiple sclerosis patients. <i>Journal of the Neurological Sciences</i> , <b>2014</b> , 345, 68-74	3.2	16
58	Dysregulation of histone acetylation pathways in hippocampus and frontal cortex of Alzheimer's disease patients. <i>European Neuropsychopharmacology</i> , <b>2020</b> , 33, 101-116	1.2	15
57	Can the syndrome of transient epileptic amnesia be the first feature of Alzheimer's disease?. <i>Seizure: the Journal of the British Epilepsy Association</i> , <b>2014</b> , 23, 918-20	3.2	14
56	Heroin inhalation-induced unilateral complete hippocampal stroke. <i>Neurocase</i> , <b>2013</b> , 19, 313-5	0.8	14
55	Cognitive Dysfunction and Dementia in Primary Sjögren's Syndrome. <i>ISRN Neurology</i> , <b>2013</b> , 2013, 501327		14
54	Whipple limbic encephalitis. <i>Archives of Neurology</i> , <b>2011</b> , 68, 1471-3		12
53	Functional and structural cerebral changes in key brain regions after a facilitation programme for episodic future thought in relapsing-remitting multiple sclerosis patients. <i>Brain and Cognition</i> , <b>2016</b> , 105, 34-45	2.7	12
52	Neural correlates of episodic future thinking impairment in multiple sclerosis patients. <i>Journal of Clinical and Experimental Neuropsychology</i> , <b>2015</b> , 37, 1107-23	2.1	11
51	Benefits from an autobiographical memory facilitation programme in relapsing-remitting multiple sclerosis patients: a clinical and neuroimaging study. <i>Neuropsychological Rehabilitation</i> , <b>2018</b> , 28, 1110-1130	3.1	11
50	Changes in gray matter volume and functional connectivity in dementia with Lewy bodies compared to Alzheimer's disease and normal aging: implications for fluctuations. <i>Alzheimer's Research and Therapy</i> , <b>2020</b> , 12, 9	9	10
49	Semantic loss marks early Alzheimer's disease-related neurodegeneration in older adults without dementia. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2020</b> , 12, e12066	5.2	10
48	Memories defining the self in Alzheimer's disease. <i>Memory</i> , <b>2019</b> , 27, 698-704	1.8	10
47	Neural correlates of episodic memory in the Memento cohort. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2018</b> , 4, 224-233	6	10
46	Epilepsy at the prodromal stages of neurodegenerative diseases. <i>Psychologie &amp; Neuropsychiatrie Du Vieillissement</i> , <b>2017</b> , 15, 75-82	0.3	9
45	Longitudinal change detection in diffusion MRI using multivariate statistical testing on tensors. <i>NeuroImage</i> , <b>2012</b> , 60, 2206-21	7.9	9

44	The combined effect of amyloid- $\beta$ and tau biomarkers on brain atrophy in dementia with Lewy bodies. <i>NeuroImage: Clinical</i> , <b>2020</b> , 27, 102333	5.3	9
43	Diagnostic value of cerebro-spinal fluid biomarkers in dementia with lewy bodies. <i>Clinica Chimica Acta</i> , <b>2019</b> , 490, 222-228	6.2	9
42	Purkinje-cell degeneration in prion protein-deficient mice is associated with a cerebellum-specific Doppel protein species signature. <i>FEBS Letters</i> , <b>2005</b> , 579, 2715-21	3.8	8
41	Pay attention to the basal ganglia: a volumetric study in early dementia with Lewy bodies. <i>Alzheimer's Research and Therapy</i> , <b>2019</b> , 11, 108	9	8
40	Functional cerebral changes in multiple sclerosis patients during an autobiographical memory test. <i>Memory</i> , <b>2015</b> , 23, 1123-39	1.8	7
39	Left temporal lobe epilepsy revealing left posterior cortical atrophy due to Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , <b>2015</b> , 45, 521-6	4.3	7
38	A Prodromal Brain-Clinical Pattern of Cognition in Synucleinopathies. <i>Annals of Neurology</i> , <b>2021</b> , 89, 341-357	9.4	7
37	Different Temporal Patterns of Specific and General Autobiographical Memories across the Lifespan in Alzheimer's Disease. <i>Behavioural Neurology</i> , <b>2015</b> , 2015, 963460	3	6
36	Emotional disturbances in multiple sclerosis: A neuropsychological and fMRI study. <i>Cortex</i> , <b>2019</b> , 117, 205-216	3.8	6
35	Functional Disconnectivity during Inter-Task Resting State in Dementia with Lewy Bodies. <i>Dementia and Geriatric Cognitive Disorders</i> , <b>2018</b> , 45, 105-120	2.6	5
34	Evaluation of new immunological targets in neuromyelitis optica. <i>Journal of Peptide Science</i> , <b>2013</b> , 19, 25-32	2.1	5
33	Longitudinal change detection: inference on the diffusion tensor along white matter pathways. <i>Medical Image Analysis</i> , <b>2013</b> , 17, 375-86	15.4	5
32	CASPR2 antibody encephalitis presenting as transient epileptic amnesia. <i>Seizure: the Journal of the British Epilepsy Association</i> , <b>2020</b> , 81, 175-177	3.2	5
31	Clinical relevance of brain atrophy subtypes categorization in memory clinics. <i>Alzheimer's and Dementia</i> , <b>2021</b> , 17, 641-652	1.2	5
30	Environmental exposure to phthalates and dementia with Lewy bodies: contribution of metabolomics. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2020</b> , 91, 968-974	5.5	4
29	Henry, where have you lost your Self?. <i>Cortex</i> , <b>2017</b> , 95, 37-50	3.8	4
28	Association of Plasma p-tau181 and p-tau231 Concentrations With Cognitive Decline in Patients With Probable Dementia With Lewy Bodies. <i>JAMA Neurology</i> , <b>2021</b> ,	17.2	4
27	Differential diagnostic value of total alpha-synuclein assay in the cerebrospinal fluid between Alzheimer's disease and dementia with Lewy bodies from the prodromal stage. <i>Alzheimer's Research and Therapy</i> , <b>2020</b> , 12, 120	9	4

26	CSF tau proteins correlate with an atypical clinical presentation in dementia with Lewy bodies. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2020</b> , 91, 109-110	5.5	4
25	Therapeutic prevention of COVID-19 in elderly: a case-control study. <i>GeroScience</i> , <b>2021</b> , 43, 2333-2343	8.9	3
24	Neuroanatomical and cognitive correlates of visual hallucinations in Parkinson's disease and dementia with Lewy bodies: Voxel-based morphometry and neuropsychological meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2021</b> , 128, 367-382	9	3
23	The insula, a grey matter of tastes: a volumetric MRI study in dementia with Lewy bodies. <i>Alzheimer's Research and Therapy</i> , <b>2020</b> , 12, 79	9	2
22	Cognitive profile in prodromal disease (dementia) with Lewy bodies. <i>Psychologie &amp; Neuropsychiatrie Du Vieillessement</i> , <b>2017</b> , 15, 434-442	0.3	2
21	Cerebrovascular disease, neurodegeneration, and clinical phenotype in dementia with Lewy bodies. <i>Neurobiology of Aging</i> , <b>2021</b> , 105, 252-261	5.6	2
20	Infectious Agents as Potential Drivers of Synucleinopathies.. <i>Movement Disorders</i> , <b>2022</b> ,	7	1
19	A rare mimic of hereditary hemorrhagic telangiectasia and conjunctivitis. <i>Annals of Internal Medicine</i> , <b>2007</b> , 146, 150-1	8	1
18	Longitudinal change detection: inference on the diffusion tensor along white-matter pathways. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 14, 1-8	0.9	1
17	Association of cerebral microbleeds with cerebrospinal fluid Alzheimer-biomarkers and clinical symptoms in early dementia with Lewy bodies. <i>International Journal of Geriatric Psychiatry</i> , <b>2021</b> , 36, 851-857	3.9	1
16	Primary progressive aphasias associated with C9orf72 expansions: Another side of the story. <i>Cortex</i> , <b>2021</b> , 145, 145-159	3.8	1
15	Prodromal stage of disease (dementia) with Lewy bodies, how to diagnose in practice?. <i>Psychologie &amp; Neuropsychiatrie Du Vieillessement</i> , <b>2017</b> , 15, 196-204	0.3	0
14	Parsing heterogeneity within dementia with Lewy bodies using clustering of biological, clinical, and demographic data.. <i>Alzheimer's Research and Therapy</i> , <b>2022</b> , 14, 14	9	0
13	Emotional experience is increased and emotion recognition decreased in multiple sclerosis. <i>Scientific Reports</i> , <b>2021</b> , 11, 21885	4.9	0
12	Subjective cognitive and non-cognitive complaints and brain MRI biomarkers in the MEMENTO cohort. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2020</b> , 12, e12051	5.2	0
11	Diagnostic value of Alzheimer's biomarkers in cerebrospinal fluid in dementia with Lewy body. <i>Psychologie &amp; Neuropsychiatrie Du Vieillessement</i> , <b>2018</b> , 16, 174-180	0.3	0
10	CSF in Epileptic Prodromal Alzheimer's Disease: No Diagnostic Contribution but a Pathophysiological One. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 623777	4.1	0
9	Transient epileptic amnesia is significantly associated with discrete CA1-located hippocampal calcifications but not with atrophic changes on brain imaging. <i>Epilepsy Research</i> , <b>2021</b> , 176, 106736	3	0

- 8 Neuropsychiatry of Neuromyelitis Optica. *Neuropsychiatric Symptoms of Neurological Disease*, **2015**, 249-256
- 7 Dementia with Lewy bodies: Characteristics of the prodromal stage in a nationwide longitudinal cohort. *Alzheimer's and Dementia*, **2020**, 16, e041858 1.2
- 6 Dementia with Lewy bodies: A differential diagnosis of normal pressure hydrocephalus. *Alzheimer's and Dementia*, **2020**, 16, e042066 1.2
- 5 Subcortical atrophy in dementia with Lewy bodies. *Alzheimer's and Dementia*, **2020**, 16, e042145 1.2
- 4 Who am I with my Lewy bodies? A self-concept study. *Alzheimer's and Dementia*, **2020**, 16, e042898 1.2
- 3 Which is the most appropriate strategy for conducting multivariate voxel-based group studies on diffusion tensors?. *NeuroImage*, **2016**, 142, 99-112 7.9
- 2 The hippocampal region is necessary for text comprehension and memorization: a combined VBM/DTI study in neuropsychological patients. *Brain Imaging and Behavior*, **2021**, 15, 2367-2376 4.1
- 1 P2-487: EXPLORING THE INSULA IN EARLY DEMENTIA WITH LEWY BODIES **2018**, 14, P916-P916