

# Jean-Francois Gagnon

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

4,331  
citations

172457

29  
h-index

123424

61  
g-index

67  
all docs

67  
docs citations

67  
times ranked

4276  
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk and predictors of dementia and parkinsonism in idiopathic REM sleep behaviour disorder: a multicentre study. <i>Brain</i> , 2019, 142, 744-759.	7.6	636
2	New Clinical Subtypes of Parkinson Disease and Their Longitudinal Progression. <i>JAMA Neurology</i> , 2015, 72, 863.	9.0	456
3	Parkinson risk in idiopathic REM sleep behavior disorder. <i>Neurology</i> , 2015, 84, 1104-1113.	1.1	371
4	Predictors of dementia in Parkinson disease. <i>Neurology</i> , 2014, 83, 1253-1260.	1.1	332
5	Evolution of prodromal Parkinson's disease and dementia with Lewy bodies: a prospective study. <i>Brain</i> , 2019, 142, 2051-2067.	7.6	215
6	Slowing of electroencephalogram in rapid eye movement sleep behavior disorder. <i>Annals of Neurology</i> , 2003, 53, 774-780.	5.3	199
7	Sleep spindles in Parkinson's disease may predict the development of dementia. <i>Neurobiology of Aging</i> , 2015, 36, 1083-1090.	3.1	130
8	GBA mutations are associated with Rapid Eye Movement Sleep Behavior Disorder. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 941-945.	3.7	117
9	Biomarkers of conversion to $\alpha$ -synucleinopathy in isolated rapid-eye-movement sleep behaviour disorder. <i>Lancet Neurology</i> , The, 2021, 20, 671-684.	10.2	116
10	REM Sleep Behavior Disorder and Cognitive Impairment in Parkinson's Disease. <i>Sleep</i> , 2017, 40, .	1.1	115
11	Diffuse white matter tract abnormalities in clinically normal ageing retired athletes with a history of sports-related concussions. <i>Brain</i> , 2014, 137, 2997-3011.	7.6	108
12	Validation of the MDS research criteria for prodromal Parkinson's disease: Longitudinal assessment in a REM sleep behavior disorder (RBD) cohort. <i>Movement Disorders</i> , 2017, 32, 865-873.	3.9	102
13	Regional Cerebral Blood Flow during Wakeful Rest in Older Subjects with Mild to Severe Obstructive Sleep Apnea. <i>Sleep</i> , 2015, 38, 1439-1449.	1.1	77
14	How does dementia with Lewy bodies start? prodromal cognitive changes in REM sleep behavior disorder. <i>Annals of Neurology</i> , 2018, 83, 1016-1026.	5.3	76
15	Cortical and subcortical gray matter bases of cognitive deficits in REM sleep behavior disorder. <i>Neurology</i> , 2018, 90, e1759-e1770.	1.1	74
16	Deep Learning With EEG Spectrograms in Rapid Eye Movement Behavior Disorder. <i>Frontiers in Neurology</i> , 2019, 10, 806.	2.4	67
17	Electroencephalogram slowing predicts neurodegeneration in rapid eye movement sleep behavior disorder. <i>Neurobiology of Aging</i> , 2016, 37, 74-81.	3.1	65
18	Genetic, Structural, and Functional Evidence Link <i>TMEM175</i> to Synucleinopathies. <i>Annals of Neurology</i> , 2020, 87, 139-153.	5.3	65

#	ARTICLE	IF	CITATIONS
19	Electroencephalographic prodromal markers of dementia across conscious states in Parkinson's disease. <i>Brain</i> , 2016, 139, 1189-1199.	7.6	60
20	Detecting the Cognitive Prodrome of Dementia with Lewy Bodies: A Prospective Study of REM Sleep Behavior Disorder. <i>Sleep</i> , 2017, 40, .	1.1	60
21	Quantitative EEG of Rapid-Eye-Movement Sleep. <i>Clinical EEG and Neuroscience</i> , 2016, 47, 134-141.	1.7	58
22	Brain cholinergic alterations in idiopathic REM sleep behaviour disorder: a PET imaging study with 18F-FEOBV. <i>Sleep Medicine</i> , 2019, 58, 35-41.	1.6	55
23	Comparison between an automatic and a visual scoring method of the chin muscle tone during rapid eye movement sleep. <i>Sleep Medicine</i> , 2014, 15, 661-665.	1.6	53
24	Abnormal Gray Matter Shape, Thickness, and Volume in the Motor Cortico-Subcortical Loop in Idiopathic Rapid Eye Movement Sleep Behavior Disorder: Association with Clinical and Motor Features. <i>Cerebral Cortex</i> , 2018, 28, 658-671.	2.9	51
25	Screening for prodromal Parkinson's disease in the general community: a sleep-based approach. <i>Sleep Medicine</i> , 2016, 21, 101-105.	1.6	48
26	<i>GBA</i> variants in REM sleep behavior disorder. <i>Neurology</i> , 2020, 95, e1008-e1016.	1.1	45
27	Brain atrophy in Parkinson's disease with polysomnography-confirmed REM sleep behavior disorder. <i>Sleep</i> , 2019, 42, .	1.1	41
28	Fine-mapping of <i>SNCA</i> in Rapid Eye Movement Sleep Behavior Disorder and Overt Synucleinopathies. <i>Annals of Neurology</i> , 2020, 87, 584-598.	5.3	39
29	Longstanding disease-free survival in idiopathic REM sleep behavior disorder: Is neurodegeneration inevitable?. <i>Parkinsonism and Related Disorders</i> , 2018, 54, 99-102.	2.2	35
30	Brain Connectivity Alterations Are Associated with the Development of Dementia in Parkinson's Disease. <i>Brain Connectivity</i> , 2016, 6, 216-224.	1.7	30
31	BDNF Val66Met Polymorphism Interacts with Sleep Consolidation to Predict Ability to Create New Declarative Memories. <i>Journal of Neuroscience</i> , 2016, 36, 8390-8398.	3.6	29
32	A Prodromal Brain-Clinical Pattern of Cognition in Synucleinopathies. <i>Annals of Neurology</i> , 2021, 89, 341-357.	5.3	28
33	Observational Study of the Relation between Parkinson's Disease and Sleep Apnea. <i>Journal of Parkinson's Disease</i> , 2015, 5, 805-811.	2.8	26
34	Glucocerebrosidase mutations and phenocopy of REM sleep behavior disorder to parkinsonism and dementia. <i>Parkinsonism and Related Disorders</i> , 2019, 65, 230-233.	2.2	26
35	Age-related cortical signatures of human sleep electroencephalography. <i>Neurobiology of Aging</i> , 2019, 76, 106-114.	3.1	24
36	Detection of mild cognitive impairment in middle-aged and older adults with obstructive sleep apnoea. <i>European Respiratory Journal</i> , 2018, 52, 1801137.	6.7	23

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37	Neuroimaging of Rapid Eye Movement Sleep Behavior Disorder. <i>International Review of Neurobiology</i> , 2019, 144, 185-210.	2.0	23
38	Algorithmic Complexity of EEG for Prognosis of Neurodegeneration in Idiopathic Rapid Eye Movement Behavior Disorder (RBD). <i>Annals of Biomedical Engineering</i> , 2019, 47, 282-296.	2.5	20
39	Prodromal Marker Progression in Idiopathic Rapid Eye Movement Sleep Behavior Disorder: Sample Size for Clinical Trials. <i>Movement Disorders</i> , 2019, 34, 1914-1919.	3.9	19
40	C9orf72 Repeat Expansions in Rapid Eye Movement Sleep Behaviour Disorder. <i>Canadian Journal of Neurological Sciences</i> , 2014, 41, 759-762.	0.5	18
41	Association between risk of obstructive sleep apnea, inflammation and cognition after 45 years old in the Canadian Longitudinal Study on Aging. <i>Sleep Medicine</i> , 2022, 91, 21-30.	1.6	18
42	Effects of exercise training on cognition in chronic obstructive pulmonary disease: A systematic review. <i>Respiratory Medicine</i> , 2018, 139, 110-116.	2.9	17
43	Disconnection Between Self-Reported and Objective Cognitive Impairment in Obstructive Sleep Apnea. <i>Journal of Clinical Sleep Medicine</i> , 2019, 15, 409-415.	2.6	17
44	Changes in Regional Cerebral Perfusion Over Time in Idiopathic REM Sleep Behavior Disorder. <i>Movement Disorders</i> , 2020, 35, 1475-1481.	3.9	14
45	Brain atrophy in prodromal synucleinopathy is shaped by structural connectivity and gene expression. <i>Brain</i> , 2022, 145, 3162-3178.	7.6	13
46	Gray matter substrates of depressive and anxiety symptoms in idiopathic REM sleep behavior disorder. <i>Parkinsonism and Related Disorders</i> , 2019, 62, 163-170.	2.2	12
47	Novel Associations of <i>BST1</i> and <i>LAMP3</i> With REM Sleep Behavior Disorder. <i>Neurology</i> , 2021, 96, e1402-e1412.	1.1	12
48	Comprehensive Analysis of Familial Parkinsonism Genes in Rapid Eye Movement Sleep Behavior Disorder. <i>Movement Disorders</i> , 2021, 36, 235-240.	3.9	11
49	Clinical Utility of the Envelope Task in Mild Cognitive Impairment and Dementia. <i>Canadian Journal of Neurological Sciences</i> , 2017, 44, 9-16.	0.5	10
50	Pareidolias and cognition in isolated REM sleep behavior disorder. <i>Parkinsonism and Related Disorders</i> , 2020, 75, 76-79.	2.2	9
51	Brain perfusion during rapid-eye-movement sleep successfully identifies amnesic mild cognitive impairment. <i>Sleep Medicine</i> , 2017, 34, 134-140.	1.6	8
52	Prospective memory in idiopathic REM sleep behavior disorder with or without mild cognitive impairment: A preliminary study. <i>Clinical Neuropsychologist</i> , 2019, 33, 571-593.	2.3	8
53	Detecting the Cognitive Prodrome of Dementia in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2020, 10, 1033-1046.	2.8	8
54	Cognitive dysfunction in rapid eye movement sleep behavior disorder. <i>Sleep and Biological Rhythms</i> , 2013, 11, 21-26.	1.0	7

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55	SMPD1 variants do not have a major role in rapid eye movement sleep behavior disorder. <i>Neurobiology of Aging</i> , 2020, 93, 142.e5-142.e7.	3.1	4
56	Prodromal Cognitive Deficits and the Risk of Subsequent Parkinson's Disease. <i>Brain Sciences</i> , 2022, 12, 199.	2.3	4
57	Chronic Neuroleptic-Induced Parkinsonism Examined With Positron Emission Tomography. <i>Movement Disorders</i> , 2020, 35, 1189-1198.	3.9	3
58	Interhemispheric differences in P1 and N1 amplitude in EEG and MEG differ across older individuals with a concussion compared with age-matched controls. <i>Psychophysiology</i> , 2021, 58, e13751.	2.4	3
59	Rare PSAP Variants and Possible Interaction with GBA in REM Sleep Behavior Disorder. <i>Journal of Parkinson's Disease</i> , 2022, 12, 333-340.	2.8	3
60	Influence of Obstructive Sleep Apnea on Cognitive Impairment in Patients With COPD: Response. <i>Chest</i> , 2013, 143, 1512-1513.	0.8	2
61	Cardiovascular Risk Factors and Phenoconversion to Neurodegenerative Synucleinopathies in Idiopathic REM Sleep Behavior Disorder. <i>Journal of Parkinson's Disease</i> , 2022, , 1-7.	2.8	1
62	524 NAPS. <i>Sleep</i> , 2021, 44, A206-A207.	1.1	0
63	280 Is blue-enriched light more effective than red light to enhance vigilance and cognitive performance in Parkinson's Disease?. <i>Sleep</i> , 2021, 44, A112-A113.	1.1	0