

Carles Gaig

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

5,533
citations

101384

36
h-index

85405

71
g-index

81
all docs

81
docs citations

81
times ranked

5377
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.	3.7	636
2	A novel non-rapid-eye movement and rapid-eye-movement parasomnia with sleep breathing disorder associated with antibodies to IgLON5: a case series, characterisation of the antigen, and post-mortem study. <i>Lancet Neurology</i> , The, 2014, 13, 575-586.	4.9	436
3	Neurodegenerative Disorder Risk in Idiopathic REM Sleep Behavior Disorder: Study in 174 Patients. <i>PLoS ONE</i> , 2014, 9, e89741.	1.1	407
4	Clinical manifestations of the anti-IgLON5 disease. <i>Neurology</i> , 2017, 88, 1736-1743.	1.5	300
5	The phenotypic spectrum of progressive supranuclear palsy: A retrospective multicenter study of 100 definite cases. <i>Movement Disorders</i> , 2014, 29, 1758-1766.	2.2	286
6	Clinical Correlations With Lewy Body Pathology in <i>LRRK2</i> -Related Parkinson Disease. <i>JAMA Neurology</i> , 2015, 72, 100.	4.5	272
7	The Clinical Phenotype of Idiopathic Rapid Eye Movement Sleep Behavior Disorder at Presentation: A Study in 203 Consecutive Patients. <i>Sleep</i> , 2016, 39, 121-132.	0.6	177
8	Detection of α -synuclein in CSF by RT-QuIC in patients with isolated rapid-eye-movement sleep behaviour disorder: a longitudinal observational study. <i>Lancet Neurology</i> , The, 2021, 20, 203-212.	4.9	174
9	Dopamine transporter imaging deficit predicts early transition to synucleinopathy in idiopathic rapid eye movement sleep behavior disorder. <i>Annals of Neurology</i> , 2017, 82, 419-428.	2.8	161
10	Assessment of neuroinflammation in patients with idiopathic rapid-eye-movement sleep behaviour disorder: a case-control study. <i>Lancet Neurology</i> , The, 2017, 16, 789-796.	4.9	155
11	Assessment of α -synuclein in submandibular glands of patients with idiopathic rapid-eye-movement sleep behaviour disorder: a case-control study. <i>Lancet Neurology</i> , The, 2016, 15, 708-718.	4.9	145
12	<i>LRRK2</i> Mutations in Spanish Patients With Parkinson Disease. <i>Archives of Neurology</i> , 2006, 63, 377.	4.9	127
13	Enteric nervous system α -synuclein immunoreactivity in idiopathic REM sleep behavior disorder. <i>Neurology</i> , 2015, 85, 1761-1768.	1.5	121
14	When does Parkinson's disease begin?. <i>Movement Disorders</i> , 2009, 24, S656-64.	2.2	113
15	Antibody-associated CNS syndromes without signs of inflammation in the elderly. <i>Neurology</i> , 2017, 89, 1471-1475.	1.5	97
16	Alpha-synuclein seeds in olfactory mucosa of patients with isolated REM sleep behaviour disorder. <i>Brain</i> , 2021, 144, 1118-1126.	3.7	92
17	G2019S <i>LRRK2</i> mutation causing Parkinson's disease without Lewy bodies. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2007, 78, 626-628.	0.9	90
18	Sleep-Disordered Breathing in Neurodegenerative Diseases. <i>Current Neurology and Neuroscience Reports</i> , 2012, 12, 205-217.	2.0	82

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19	Nonmotor Symptoms in LRRK2 G2019S Associated Parkinson's Disease. <i>PLoS ONE</i> , 2014, 9, e108982.	1.1	79
20	Characterization of patients with longstanding idiopathic REM sleep behavior disorder. <i>Neurology</i> , 2017, 89, 242-248.	1.5	75
21	Sleep Disorders in Parkinsonian and Nonparkinsonian LRRK2 Mutation Carriers. <i>PLoS ONE</i> , 2015, 10, e0132368.	1.1	67
22	Sleep disorder, chorea, and dementia associated with IgLON5 antibodies. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2015, 2, e136.	3.1	62
23	Periodic Limb Movements During Sleep Mimicking REM Sleep Behavior Disorder: A New Form of Periodic Limb Movement Disorder. <i>Sleep</i> , 2017, 40, .	0.6	61
24	Effects of <sc>IgLON5</sc> Antibodies on Neuronal Cytoskeleton: A Link between Autoimmunity and Neurodegeneration. <i>Annals of Neurology</i> , 2020, 88, 1023-1027.	2.8	61
25	Rapidly progressive diffuse Lewy body disease. <i>Movement Disorders</i> , 2011, 26, 1316-1323.	2.2	56
26	123I-Ioflupane SPECT in the diagnosis of suspected psychogenic Parkinsonism. <i>Movement Disorders</i> , 2006, 21, 1994-1998.	2.2	55
27	MicroRNA alterations in iPSC-derived dopaminergic neurons from Parkinson disease patients. <i>Neurobiology of Aging</i> , 2018, 69, 283-291.	1.5	55
28	HLA and microtubule-associated protein tau H1 haplotype associations in anti-IgLON5 disease. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2019, 6, .	3.1	55
29	Narcolepsy and adjuvanted pandemic influenza A (H1N1) 2009 vaccines " Multi-country assessment. <i>Vaccine</i> , 2018, 36, 6202-6211.	1.7	53
30	Characterization of the sleep disorder of anti-IgLON5 disease. <i>Sleep</i> , 2019, 42, .	0.6	52
31	C9orf72 intermediate repeats are associated with corticobasal degeneration, increased C9orf72 expression and disruption of autophagy. <i>Acta Neuropathologica</i> , 2019, 138, 795-811.	3.9	50
32	Frequency and Characterization of Movement Disorders in Anti-IgLON5 Disease. <i>Neurology</i> , 2021, 97, .	1.5	50
33	Neurological profiles beyond the sleep disorder in patients with anti-IgLON5 disease. <i>Current Opinion in Neurology</i> , 2019, 32, 493-499.	1.8	43
34	The Sleep Disorder in Anti-IgLON5 Disease. <i>Current Neurology and Neuroscience Reports</i> , 2018, 18, 41.	2.0	42
35	Dystonia, lower limb stiffness, and upward gaze palsy in a patient with IgLON5 antibodies. <i>Movement Disorders</i> , 2016, 31, 762-764.	2.2	41
36	Diagnostic Value of Isolated Mentalis Versus Mentalis Plus Upper Limb Electromyography in Idiopathic REM Sleep Behavior Disorder Patients Eventually Developing a Neurodegenerative Syndrome. <i>Sleep</i> , 2017, 40, .	0.6	38

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37	Exploring the clinical features of narcolepsy type 1 versus narcolepsy type 2 from European Narcolepsy Network database with machine learning. <i>Scientific Reports</i> , 2018, 8, 10628.	1.6	36
38	Screening for the LRRK2 G2019S and codon-1441 mutations in a pathological series of parkinsonian syndromes and frontotemporal lobar degeneration. <i>Journal of the Neurological Sciences</i> , 2008, 270, 94-98.	0.3	35
39	Extrastriatal monoaminergic dysfunction and enhanced microglial activation in idiopathic rapid eye movement sleep behaviour disorder. <i>Neurobiology of Disease</i> , 2018, 115, 9-16.	2.1	35
40	Monocyte markers correlate with immune and neuronal brain changes in REM sleep behavior disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	35
41	Cortical Gray Matter and Hippocampal Atrophy in Idiopathic Rapid Eye Movement Sleep Behavior Disorder. <i>Frontiers in Neurology</i> , 2019, 10, 312.	1.1	31
42	Absence of <i>LRRK2</i> mutations in a cohort of patients with idiopathic REM sleep behavior disorder. <i>Neurology</i> , 2016, 86, 1072-1073.	1.5	30
43	Clinical and video-polysomnographic analysis of rapid eye movement sleep behavior disorder and other sleep disturbances in dementia with Lewy bodies. <i>Sleep</i> , 2019, 42, .	0.6	30
44	Isolated rapid eye movement sleep behavior disorder and cyclic alternating pattern: is sleep microstructure a predictive parameter of neurodegeneration?. <i>Sleep</i> , 2019, 42, .	0.6	27
45	Glucocerebrosidase gene variants are accumulated in idiopathic REM sleep behavior disorder. <i>Parkinsonism and Related Disorders</i> , 2018, 50, 94-98.	1.1	23
46	Left-hemispheric predominance of nigrostriatal deficit in isolated REM sleep behavior disorder. <i>Neurology</i> , 2020, 94, e1605-e1613.	1.5	23
47	Exploring the presence of narcolepsy in patients with schizophrenia. <i>BMC Psychiatry</i> , 2016, 16, 177.	1.1	22
48	The Barcelona Sleepiness Index: A New Instrument to Assess Excessive Daytime Sleepiness in Sleep Disordered Breathing. <i>Journal of Clinical Sleep Medicine</i> , 2015, 11, 1289-1298.	1.4	19
49	Alpha-synuclein Aggregates in Labial Salivary Glands of Idiopathic Rapid Eye Movement Sleep Behavior Disorder. <i>Sleep</i> , 2018, 41, .	0.6	18
50	Idling for Decades: A European Study on Risk Factors Associated with the Delay Before a Narcolepsy Diagnosis. <i>Nature and Science of Sleep</i> , 0, Volume 14, 1031-1047.	1.4	18
51	Rapid eye movement sleep behavior disorder and rapid eye movement sleep without atonia are more frequent in advanced versus early Parkinson's disease. <i>Sleep</i> , 2021, 44, .	0.6	16
52	Cortical cholinergic dysfunction correlates with microglial activation in the substantia innominata in REM sleep behavior disorder. <i>Parkinsonism and Related Disorders</i> , 2020, 81, 89-93.	1.1	14
53	Lack of Asymmetry of Nigrostriatal Dopaminergic Function in Healthy Subjects. <i>Movement Disorders</i> , 2020, 35, 1072-1076.	2.2	13
54	Significance of hyposmia in isolated REM sleep behavior disorder. <i>Journal of Neurology</i> , 2021, 268, 963-966.	1.8	13

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55	Prodromal Parkinson disease in patients with idiopathic hyposmia. <i>Journal of Neurology</i> , 2020, 267, 3673-3682.	1.8	12
56	The prevalence of narcolepsy in Catalunya (Spain). <i>Journal of Sleep Research</i> , 2018, 27, e12640.	1.7	11
57	G2019S LRRK2 mutation causing Parkinson's disease without Lewy bodies. <i>BMJ Case Reports</i> , 2009, 2009, bcr0820080632-bcr0820080632.	0.2	11
58	<i>MAPT</i> association with REM sleep behavior disorder. <i>Neurology: Genetics</i> , 2017, 3, e131.	0.9	10
59	[Translated article] International consensus document on obstructive sleep apnea. <i>Archivos De Bronconeumologia</i> , 2022, 58, T52-T68.	0.4	10
60	REM sleep behavior disorder causing subdural hematoma. <i>Sleep Medicine</i> , 2017, 30, 43-44.	0.8	9
61	Magnetic resonance imaging abnormalities as a marker of multiple system atrophy in isolated rapid eye movement sleep behavior disorder. <i>Sleep</i> , 2021, 44, .	0.6	9
62	Persistence of Facioâ€skeletal Myorhythmia During Sleep in <scp>antiâ€IgLON5</scp> Disease. <i>Movement Disorders Clinical Practice</i> , 2021, 8, 460-463.	0.8	9
63	Serum metabolic biomarkers for synucleinopathy conversion in isolated REM sleep behavior disorder. <i>Npj Parkinson's Disease</i> , 2021, 7, 40.	2.5	9
64	Video-polysomnographic documentation of non-rapid eye movement sleep parasomnia followed by rapid eye movement sleep behavior disorder: a parasomnia overlap disorder?. <i>Sleep Medicine</i> , 2016, 23, 46-48.	0.8	8
65	Impaired cerebral microcirculation in isolated REM sleep behaviour disorder. <i>Brain</i> , 2021, 144, 1498-1508.	3.7	6
66	Sleep disorder associated with antibodies to IgLON5: parasomnia or agrypnia?â€Authors' reply. <i>Lancet Neurology</i> , The, 2014, 13, 864-865.	4.9	5
67	Change in neuron specific enolase levels in out-of-hospital cardiopulmonary arrest survivors as a simple and useful tool to predict neurological prognosis. <i>Revista Espanola De Cardiologia (English Ed)</i> Tj ETQq1 1 00784314 rgBT /Ove		
68	Stridor during sleep: description of 81 consecutive cases diagnosed in a tertiary sleep disorders center. <i>Sleep</i> , 2021, 44, .	0.6	5
69	Automatic analysis of muscular activity in the flexor digitorum superficialis muscles: a fast screening method for rapid eye movement sleep without atonia. <i>Sleep</i> , 2023, 46, .	0.6	5
70	Cervical spinal cord injury by a low-impact trauma as an unnoticed cause of cardiorespiratory arrest. <i>European Heart Journal - Case Reports</i> , 2020, 4, 1-6.	0.3	4
71	Clinically reversible ustekinumab-induced encephalopathy: case report and review of the literature. <i>Therapeutic Advances in Neurological Disorders</i> , 2022, 15, 175628642210796.	1.5	4
72	Tricks to rapidly terminate episodes of cataplexy in narcolepsy. <i>Sleep Medicine</i> , 2016, 20, 129-130.	0.8	3

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73	Regularity of Cardiac Rhythm as a Marker of Sleepiness in Sleep Disordered Breathing. PLoS ONE, 2015, 10, e0122645.	1.1	3
74	REM sleep latency changes after version 2.1 of the AASM manual for scoring sleep. Sleep Medicine, 2022, 90, 142-144.	0.8	3
75	Characterization of Daytime Sleepiness by Timeâ€“Frequency Measures of EEG Signals. Journal of Medical and Biological Engineering, 2015, 35, 406-417.	1.0	2
76	Teaching Video NeuroImages: Anti-IgLON5 Disease. Neurology, 2021, 96, e2901-e2902.	1.5	2
77	Stimulus-Induced Generalized Epileptiform Discharges. Journal of Clinical Neurophysiology, 2014, 31, 580-585.	0.9	1
78	Reply: Rapidly progressing diffuse Lewy body disease. Movement Disorders, 2011, 26, 2585-2585.	2.2	0
79	Cataplexy causing subdural hematomas. Sleep Medicine, 2017, 30, 15-16.	0.8	0
80	Abnormal sleep behavior caused by hypoglycemia. Sleep Medicine, 2021, 85, 268-270.	0.8	0