## **Ālex** Iranzo

## List of Publications by Year in descending order

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139 14,867 papers citations

54 h-index 117 g-index

145 all docs 145 docs citations 145 times ranked 10022 citing authors

#	Article	IF	Citations
1	Diagnosis and management of dementia with Lewy bodies. Neurology, 2017, 89, 88-100.	1.1	2,805
2	Rapid-eye-movement sleep behaviour disorder as an early marker for a neurodegenerative disorder: a descriptive study. Lancet Neurology, The, 2006, 5, 572-577.	10.2	901
3	Risk and predictors of dementia and parkinsonism in idiopathic REM sleep behaviour disorder: a multicentre study. Brain, 2019, 142, 744-759.	7.6	636
4	Neurodegenerative disease status and post-mortem pathology in idiopathic rapid-eye-movement sleep behaviour disorder: an observational cohort study. Lancet Neurology, The, 2013, 12, 443-453.	10.2	602
5	A Genetic Risk Factor for Periodic Limb Movements in Sleep. New England Journal of Medicine, 2007, 357, 639-647.	27.0	582
6	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. Lancet Neurology, The, 2014, 13, 575-586.	10.2	436
7	Neurodegenerative Disorder Risk in Idiopathic REM Sleep Behavior Disorder: Study in 174 Patients. PLoS ONE, 2014, 9, e89741.	2.5	407
8	Severe Obstructive Sleep Apnea/Hypopnea Mimicking REM Sleep Behavior Disorder. Sleep, 2005, 28, 203-206.	1.1	360
9	Decreased striatal dopamine transporter uptake and substantia nigra hyperechogenicity as risk markers of synucleinopathy in patients with idiopathic rapid-eye-movement sleep behaviour disorder: a prospective study. Lancet Neurology, The, 2010, 9, 1070-1077.	10.2	349
10	Normative EMG Values during REM Sleep for the Diagnosis of REM Sleep Behavior Disorder. Sleep, 2012, 35, 835-847.	1.1	332
11	The Parkinson's progression markers initiative (PPMI) – establishing a PD biomarker cohort. Annals of Clinical and Translational Neurology, 2018, 5, 1460-1477.	3.7	330
12	Clinical manifestations of the anti-IgLON5 disease. Neurology, 2017, 88, 1736-1743.	1.1	300
13	Serial dopamine transporter imaging of nigrostriatal function in patients with idiopathic rapid-eye-movement sleep behaviour disorder: a prospective study. Lancet Neurology, The, 2011, 10, 797-805.	10.2	293
14	REM sleep behaviour disorder. Nature Reviews Disease Primers, 2018, 4, 19.	30.5	290
15	The clinical and pathophysiological relevance of REM sleep behavior disorder in neurodegenerative diseases. Sleep Medicine Reviews, 2009, 13, 385-401.	8.5	256
16	Risk factors for neurodegeneration in idiopathic rapid eye movement sleep behavior disorder: A multicenter study. Annals of Neurology, 2015, 77, 830-839.	5.3	248
17	Rapid eye movement sleep behavior disorder and potassium channel antibody-associated limbic encephalitis. Annals of Neurology, 2006, 59, 178-181.	5.3	213
18	Idiopathic rapid eye movement sleep behaviour disorder: diagnosis, management, and the need for neuroprotective interventions. Lancet Neurology, The, 2016, 15, 405-419.	10.2	199

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19	Clinical, polysomnographic and genomeâ€wide association analyses of narcolepsy with cataplexy: a European Narcolepsy Network study. Journal of Sleep Research, 2013, 22, 482-495.	3.2	182
20	The Clinical Phenotype of Idiopathic Rapid Eye Movement Sleep Behavior Disorder at Presentation: A Study in 203 Consecutive Patients. Sleep, 2016, 39, 121-132.	1.1	177
21	Detection of α-synuclein in CSF by RT-QuIC in patients with isolated rapid-eye-movement sleep behaviour disorder: a longitudinal observational study. Lancet Neurology, The, 2021, 20, 203-212.	10.2	174
22	DQB1 Locus Alone Explains Most of the Risk and Protection in Narcolepsy with Cataplexy in Europe. Sleep, 2014, 37, 19-25.	1.1	164
23	Olfactory dysfunction predicts early transition to a Lewy body disease in idiopathic RBD. Neurology, 2015, 84, 654-658.	1.1	164
24	Dopamine transporter imaging deficit predicts early transition to synucleinopathy in idiopathic rapid eye movement sleep behavior disorder. Annals of Neurology, 2017, 82, 419-428.	5.3	161
25	Assessment of neuroinflammation in patients with idiopathic rapid-eye-movement sleep behaviour disorder: a case-control study. Lancet Neurology, The, 2017, 16, 789-796.	10.2	155
26	Assessment of $\hat{l}_{\pm}$ -synuclein in submandibular glands of patients with idiopathic rapid-eye-movement sleep behaviour disorder: a case-control study. Lancet Neurology, The, 2016, 15, 708-718.	10.2	145
27	Enteric nervous system α-synuclein immunoreactivity in idiopathic REM sleep behavior disorder. Neurology, 2015, 85, 1761-1768.	1.1	121
28	Biomarkers of conversion to $\hat{l}$ ±-synucleinopathy in isolated rapid-eye-movement sleep behaviour disorder. Lancet Neurology, The, 2021, 20, 671-684.	10.2	116
29	REM Sleep Behavior Disorder and Narcoleptic Features in Anti—Ma2-associated Encephalitis. Sleep, 2007, 30, 767-769.	1.1	115
30	REM sleep behavior disorder and vocal cord paralysis in Machadoâ€Joseph disease. Movement Disorders, 2003, 18, 1179-1183.	3.9	105
31	Cerebrospinal Fluid Level of YKL-40 Protein in Preclinical and Prodromal Alzheimer's Disease. Journal of Alzheimer's Disease, 2014, 42, 901-908.	2.6	102
32	Excessive Muscle Activity Increases Over Time in Idiopathic REM Sleep Behavior Disorder. Sleep, 2009, 32, 1149-1153.	1.1	99
33	Electroencephalographic slowing heralds mild cognitive impairment in idiopathic REM sleep behavior disorder. Sleep Medicine, 2010, 11, 534-539.	1.6	97
34	Alpha-synuclein seeds in olfactory mucosa of patients with isolated REM sleep behaviour disorder. Brain, 2021, 144, 1118-1126.	7.6	92
35	Usefulness of the SINBAR electromyographic montage to detect the motor and vocal manifestations occurring in REM sleep behavior disorder. Sleep Medicine, 2011, 12, 284-288.	1.6	91
36	Comorbidity and medication in REM sleep behavior disorder. Neurology, 2014, 82, 1076-1079.	1.1	90

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37	Loss of dorsolateral nigral hyperintensity on 3.0 tesla susceptibilityâ€weighted imaging in idiopathic rapid eye movement sleep behavior disorder. Annals of Neurology, 2016, 79, 1026-1030.	5.3	90
38	Longitudinal analyses of cerebrospinal fluid αâ€Synuclein in prodromal and early Parkinson's disease. Movement Disorders, 2019, 34, 1354-1364.	3.9	89
39	Stridor in multiple system atrophy. Neurology, 2019, 93, 630-639.	1.1	86
40	Correlates of cerebrospinal fluid levels of oligomeric- and total-α-synuclein in premotor, motor and dementia stages of Parkinson's disease. Journal of Neurology, 2015, 262, 294-306.	3.6	85
41	Rapid eye movement sleep behavior disorder in parkinsonism withparkinmutations. Annals of Neurology, 2004, 56, 599-603.	5.3	83
42	Novel Approach Identifies SNPs in SLC2A10 and KCNK9 with Evidence for Parent-of-Origin Effect on Body Mass Index. PLoS Genetics, 2014, 10, e1004508.	3.5	80
43	Idiopathic REM sleep behavior disorder in the elderly Spanish community: a primary care center study with a two-stage design using video-polysomnography. Sleep Medicine, 2017, 40, 116-121.	1.6	80
44	Longitudinal assessment of excessive daytime sleepiness in early Parkinson's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 653-662.	1.9	78
45	Sleep in Neurodegenerative Diseases. Sleep Medicine Clinics, 2016, 11, 1-18.	2.6	77
46	Characterization of patients with longstanding idiopathic REM sleep behavior disorder. Neurology, 2017, 89, 242-248.	1.1	75
47	Fiveâ€year followâ€up of substantia nigra echogenicity in idiopathic REM sleep behavior disorder. Movement Disorders, 2014, 29, 1774-1780.	3.9	74
48	Restless legs syndrome in Parkinson's disease and other neurodegenerative diseases of the central nervous system. Movement Disorders, 2007, 22, S424-S430.	3.9	71
49	Neuropathology of prodromal Lewy body disease. Movement Disorders, 2014, 29, 410-415.	3.9	71
50	Sleep and breathing in multiple system atrophy. Current Treatment Options in Neurology, 2007, 9, 347-353.	1.8	68
51	Sleep Disorders in Parkinsonian and Nonparkinsonian LRRK2 Mutation Carriers. PLoS ONE, 2015, 10, e0132368.	2.5	67
52	Longitudinal assessment of olfactory function in idiopathic REM sleep behavior disorder. Parkinsonism and Related Disorders, 2013, 19, 600-604.	2.2	64
53	Video-polysomnography procedures for diagnosis of rapid eye movement sleep behavior disorder (RBD) and the identification of its prodromal stages: guidelines from the International RBD Study Group. Sleep, 2022, 45, .	1.1	64
54	The REM sleep circuit and how its impairment leads to REM sleep behavior disorder. Cell and Tissue Research, 2018, 373, 245-266.	2.9	63

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55	Periodic Limb Movements During Sleep Mimicking REM Sleep Behavior Disorder: A New Form of Periodic Limb Movement Disorder. Sleep, 2017, 40, .	1.1	61
56	From state dissociation to status dissociatus. Sleep Medicine Reviews, 2016, 28, 5-17.	8.5	56
57	HLA and microtubule-associated protein tau H1 haplotype associations in anti-lgLON5 disease. Neurology: Neuroimmunology and NeuroInflammation, 2019, 6, .	6.0	55
58	Association between insomnia and cognitive performance, gray matter volume, and white matter microstructure in cognitively unimpaired adults. Alzheimer's Research and Therapy, 2020, 12, 4.	6.2	53
59	Characterization of the sleep disorder of anti-IgLON5 disease. Sleep, 2019, 42, .	1.1	52
60	Micro <scp>RNA</scp> association with synucleinopathy conversion in rapid eye movement behavior disorder. Annals of Neurology, 2015, 77, 895-901.	5 <b>.</b> 3	50
61	Brainstem Proton Magnetic Resonance Spectroscopy in Idopathic REM Sleep Behavior Disorder. Sleep, 2002, 25, 28-31.	1.1	48
62	Sleep and neurological autoimmune diseases. Neuropsychopharmacology, 2020, 45, 129-140.	5.4	45
63	The Sleep Disorder in Anti-IgLON5 Disease. Current Neurology and Neuroscience Reports, 2018, 18, 41.	4.2	42
64	Diagnostic Value of Isolated Mentalis Versus Mentalis Plus Upper Limb Electromyography in Idiopathic REM Sleep Behavior Disorder Patients Eventually Developing a Neurodegenerative Syndrome. Sleep, 2017, 40, .	1.1	38
65	Screening for idiopathic REM sleep behavior disorder: usefulness of actigraphy. Sleep, 2018, 41, .	1.1	38
66	Sleep–wake changes in the premotor stage of Parkinson disease. Journal of the Neurological Sciences, 2011, 310, 283-285.	0.6	37
67	Dopamine transporter imaging predicts clinicallyâ€defined <i>α</i> à€synucleinopathy in REM sleep behavior disorder. Annals of Clinical and Translational Neurology, 2021, 8, 201-212.	3.7	37
68	Exploring the clinical features of narcolepsy type 1 versus narcolepsy type 2 from European Narcolepsy Network database with machine learning. Scientific Reports, 2018, 8, 10628.	3.3	36
69	Extrastriatal monoaminergic dysfunction and enhanced microglial activation in idiopathic rapid eye movement sleep behaviour disorder. Neurobiology of Disease, 2018, 115, 9-16.	4.4	35
70	Monocyte markers correlate with immune and neuronal brain changes in REM sleep behavior disorder. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	35
71	Structural and functional magnetic resonance imaging in isolated REM sleep behavior disorder: A systematic review of studies using neuroimaging software. Sleep Medicine Reviews, 2021, 59, 101495.	8.5	33
72	Absence of Alterations in Serum Sex Hormone Levels in Idiopathic REM Sleep Behavior Disorder. Sleep, 2007, 30, 803-806.	1.1	32

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73	Brainstem raphe and substantia nigra echogenicity in idiopathic REM sleep behavior disorder with comorbid depression. Journal of Neurology, 2015, 262, 1665-1672.	3.6	31
74	Cortical Gray Matter and Hippocampal Atrophy in Idiopathic Rapid Eye Movement Sleep Behavior Disorder. Frontiers in Neurology, 2019, 10, 312.	2.4	31
75	Absence of <i>LRRK2</i> mutations in a cohort of patients with idiopathic REM sleep behavior disorder. Neurology, 2016, 86, 1072-1073.	1.1	30
76	Clinical and video-polysomnographic analysis of rapid eye movement sleep behavior disorder and other sleep disturbances in dementia with Lewy bodies. Sleep, 2019, 42, .	1.1	30
77	Lack of Effects of Pramipexole on REM Sleep Behavior Disorder in Parkinson Disease. Sleep, 2008, , .	1.1	29
78	Isolated rapid eye movement sleep behavior disorder and cyclic alternating pattern: is sleep microstructure a predictive parameter of neurodegeneration?. Sleep, 2019, 42, .	1.1	27
79	Risk Factors for Phenoconversion in <scp>Rapid Eye Movement</scp> Sleep Behavior Disorder. Annals of Neurology, 2022, 91, 404-416.	<b>5.</b> 3	27
80	Sleep and sleep disorders in Don Quixote. Sleep Medicine, 2004, 5, 97-100.	1.6	26
81	The distinguishing motor features of cataplexy: a study from video-recorded attacks. Sleep, 2018, 41, .	1.1	26
82	REM sleep behavior disorder and other sleep disturbances in Disney animated films. Sleep Medicine, 2007, 8, 531-536.	1.6	24
83	Glucocerebrosidase gene variants are accumulated in idiopathic REM sleep behavior disorder. Parkinsonism and Related Disorders, 2018, 50, 94-98.	2.2	23
84	Left-hemispheric predominance of nigrostriatal deficit in isolated REM sleep behavior disorder. Neurology, 2020, 94, e1605-e1613.	1.1	23
85	Sleep and breathing in multiple system atrophy. Current Treatment Options in Neurology, 2007, 9, 347-53.	1.8	23
86	Parkinson Disease and Sleep: Sleep–Wake Changes in the Premotor Stage of Parkinson Disease; Impaired Olfaction and Other Prodromal Features. Current Neurology and Neuroscience Reports, 2013, 13, 373.	4.2	22
87	Exploring the presence of narcolepsy in patients with schizophrenia. BMC Psychiatry, 2016, 16, 177.	2.6	22
88	Dysphagia in multiple system atrophy consensus statement on diagnosis, prognosis and treatment. Parkinsonism and Related Disorders, 2021, 86, 124-132.	2.2	22
89	Nelotanserin as symptomatic treatment for rapid eye movement sleep behavior disorder: a double-blind randomized study using video analysis in patients with dementia with Lewy bodies or Parkinson's disease dementia. Sleep Medicine, 2021, 81, 180-187.	1.6	22
90	The Barcelona Sleepiness Index: A New Instrument to Assess Excessive Daytime Sleepiness in Sleep Disordered Breathing. Journal of Clinical Sleep Medicine, 2015, 11, 1289-1298.	2.6	19

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91	Sex differences in brain atrophy and cognitive impairment in Parkinson's disease patients with and without probable rapid eye movement sleep behavior disorder. Journal of Neurology, 2022, 269, 1591-1599.	3.6	19
92	Parasomnias and Sleep-Related Movement Disorders in Older Adults. Sleep Medicine Clinics, 2018, 13, 51-61.	2.6	18
93	Alpha-synuclein Aggregates in Labial Salivary Glands of Idiopathic Rapid Eye Movement Sleep Behavior Disorder. Sleep, 2018, 41, .	1.1	18
94	Imaging dopamine function and microglia in asymptomatic LRRK2 mutation carriers. Journal of Neurology, 2020, 267, 2296-2300.	3.6	18
95	Rapid eye movement sleep behavior disorder and rapid eye movement sleep without atonia are more frequent in advanced versus early Parkinson's disease. Sleep, 2021, 44, .	1.1	16
96	Alpha-synuclein aggregates in the parotid gland of idiopathic REM sleep behavior disorder. Sleep Medicine, 2018, 52, 14-17.	1.6	15
97	Cortical cholinergic dysfunction correlates with microglial activation in the substantia innominata in REM sleep behavior disorder. Parkinsonism and Related Disorders, 2020, 81, 89-93.	2.2	14
98	The importance of sleep medicine consultation for diagnosis of REM sleep behavior disorder in most patients with Parkinson's disease. Sleep Medicine, 2002, 3, 537-538.	1.6	13
99	Lack of Asymmetry of Nigrostriatal Dopaminergic Function in Healthy Subjects. Movement Disorders, 2020, 35, 1072-1076.	3.9	13
100	Significance of hyposmia in isolated REM sleep behavior disorder. Journal of Neurology, 2021, 268, 963-966.	3.6	13
101	Effects of COVID-19 home confinement on sleep in children: A systematic review. Sleep Medicine Reviews, 2022, 62, 101596.	8.5	13
102	Sleep disorders matter in neurology. Lancet Neurology, The, 2014, 13, 18-20.	10.2	12
103	Prodromal Parkinson disease in patients with idiopathic hyposmia. Journal of Neurology, 2020, 267, 3673-3682.	3.6	12
104	Rapid eye movement sleep behaviour disorder: Past, present, and future. Journal of Sleep Research, 2022, 31, e13612.	3.2	12
105	Brainstem proton magnetic resonance spectroscopy in idopathic REM sleep behavior disorder. Sleep, 2002, 25, 867-70.	1.1	11
106	Efecto de la presión positiva continua nasal sobre las fosas nasales de pacientes con sÃndrome de apneas del sueño sin patologÃa nasal previa. Factores predictivos de cumplimiento. Archivos De Bronconeumologia, 2016, 52, 519-526.	0.8	10
107	<i>MAPT</i> association with REM sleep behavior disorder. Neurology: Genetics, 2017, 3, e131.	1.9	10
108	Excessive Daytime Sleepiness Does Not Predict Neurodegeneration in Idiopathic REM Sleep Behavior Disorder. Sleep, 2017, 40, .	1.1	10

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109	REM sleep behavior disorder causing subdural hematoma. Sleep Medicine, 2017, 30, 43-44.	1.6	9
110	Olfaction in patients with isolated REM sleep behavior disorder who eventually develop multiple system atrophy. Sleep, 2020, 43, .	1.1	9
111	Magnetic resonance imaging abnormalities as a marker of multiple system atrophy in isolated rapid eye movement sleep behavior disorder. Sleep, 2021, 44, .	1.1	9
112	Serum metabolic biomarkers for synucleinopathy conversion in isolated REM sleep behavior disorder. Npj Parkinson's Disease, 2021, 7, 40.	5.3	9
113	Video-polysomnographic documentation of non-rapid eye movement sleep parasomnia followed by rapid eye movement sleep behavior disorder: a parasomnia overlap disorder?. Sleep Medicine, 2016, 23, 46-48.	1.6	8
114	Precision Medicine in Rapid Eye Movement Sleep Behavior Disorder. Sleep Medicine Clinics, 2019, 14, 351-362.	2.6	8
115	Non-random temporal distribution of sleep onset REM periods in the MSLT in narcolepsy. Journal of the Neurological Sciences, 2014, 341, 136-138.	0.6	7
116	Impaired cerebral microcirculation in isolated REM sleep behaviour disorder. Brain, 2021, 144, 1498-1508.	7.6	6
117	REM sleep behavior disorder predicts Parkinson disease and dementia with Lewy bodies. European Neuropsychopharmacology, 2021, 46, 52-53.	0.7	6
118	Sleep and breathing in multiple system atrophy. Current Treatment Options in Neurology, 2007, 9, 347-353.	1.8	5
119	Sleep disorder associated with antibodies to IgLON5: parasomnia or agrypnia?–Authors' reply. Lancet Neurology, The, 2014, 13, 864-865.	10.2	5
120	Caveats of Neurodegenerative Risk Stratification in Idiopathic REM Sleep Behavior Disorder by Use of the MDS Research for Prodromal Parkinson's Disease. Sleep, 2017, 40, .	1.1	5
121	Stridor during sleep: description of 81 consecutive cases diagnosed in a tertiary sleep disorders center. Sleep, 2021, 44, .	1.1	5
122	Automatic analysis of muscular activity in the flexor digitorum superficialis muscles: a fast screening method for rapid eye movement sleep without atonia. Sleep, 2023, 46, .	1.1	5
123	Cervical spinal cord injury by a low-impact trauma as an unnoticed cause of cardiorespiratory arrest. European Heart Journal - Case Reports, 2020, 4, 1-6.	0.6	4
124	Article reviewed: Sleep-disordered breathing and respiratory failure in acid maltase deficiency. Sleep Medicine, 2002, 3, 179-180.	1.6	3
125	Tricks to rapidly terminate episodes of cataplexy in narcolepsy. Sleep Medicine, 2016, 20, 129-130.	1.6	3
126	Dissecting premotor Parkinson's disease with multimodality neuroimaging. Lancet Neurology, The, 2018, 17, 574-576.	10.2	3

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127	The Isolated Form of Rapid Eye Movement Sleep Behavior Disorder. Sleep Medicine Clinics, 2021, 16, 335-348.	2.6	3
128	REM sleep latency changes after version 2.1 of the AASM manual for scoring sleep. Sleep Medicine, 2022, 90, 142-144.	1.6	3
129	Parasomnias and Sleep-Related Movement Disorders in Older Adults. Sleep Medicine Clinics, 2022, 17, 295-305.	2.6	3
130	Stop, look, and listen: Sleep in movement disorders. Movement Disorders, 2017, 32, 633-635.	3.9	2
131	Evaluation of the Effectiveness of the Risk Minimization Measures of Sodium Oxybate in the European Union. Drugs - Real World Outcomes, 2020, 7, 307-315.	1.6	2
132	Quantity and quality of sleep in young players of a professional football club. Science and Medicine in Football, 2022, 6, 539-544.	2.0	2
133	Sleep apnea association with hypercoagulability and venous thromboembolism. Sleep Medicine, 2002, 3, 447-448.	1.6	1
134	Need for a consensus on definitions and on research methods in RBD and its prodromal phases. Sleep, 2019, 42, .	1.1	1
135	Hypocretine system deficiency in Parkinson's disease. Sleep Medicine, 2004, 5, 91-92.	1.6	0
136	Cataplexy causing subdural hematomas. Sleep Medicine, 2017, 30, 15-16.	1.6	0
137	Did inspector Kurt Wallander develop dementia with Lewy bodies?. Sleep Medicine, 2021, 78, 36-37.	1.6	0
138	Potential role of rapid eye movement sleep behavior disorder in the diagnosis of neurodegenerative diseases. Neurodegenerative Disease Management, 2011, 1, 3-5.	2.2	0
139	Crossâ€sectional associations between sleep quality reports and core Alzheimer's disease biomarkers in cognitively unimpaired adults from the European Prevention of Alzheimer's Dementia Longitudinal Cohort Study (EPAD LCS). Alzheimer's and Dementia, 2021, 17, .	0.8	0