

Sebastiaan Overeem

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5480559/publications.pdf>

Version: 2024-02-01

235
papers

16,732
citations

20817

60
h-index

17105

122
g-index

278
all docs

278
docs citations

278
times ranked

11458
citing authors

#	ARTICLE	IF	CITATIONS
1	A mutation in a case of early onset narcolepsy and a generalized absence of hypocretin peptides in human narcoleptic brains. <i>Nature Medicine</i> , 2000, 6, 991-997.	30.7	1,945
2	Hypocretin (orexin) deficiency in human narcolepsy. <i>Lancet</i> , The, 2000, 355, 39-40.	13.7	1,666
3	The Role of Cerebrospinal Fluid Hypocretin Measurement in the Diagnosis of Narcolepsy and Other Hypersomnias. <i>Archives of Neurology</i> , 2002, 59, 1553.	4.5	1,052
4	Low cerebrospinal fluid hypocretin (orexin) and altered energy homeostasis in human narcolepsy. <i>Annals of Neurology</i> , 2001, 50, 381-388.	5.3	451
5	Hypocretin (orexin) loss in Parkinson's disease. <i>Brain</i> , 2007, 130, 1577-1585.	7.6	407
6	CSF hypocretin/orexin levels in narcolepsy and other neurological conditions. <i>Neurology</i> , 2001, 57, 2253-2258.	1.1	400
7	Effect of 1 Night of Total Sleep Deprivation on Cerebrospinal Fluid β -Amyloid 42 in Healthy Middle-Aged Men. <i>JAMA Neurology</i> , 2014, 71, 971.	9.0	320
8	Narcolepsy: Clinical Features, New Pathophysiologic Insights, and Future Perspectives. <i>Journal of Clinical Neurophysiology</i> , 2001, 18, 78-105.	1.7	318
9	Gait-related cerebral alterations in patients with Parkinson's disease with freezing of gait. <i>Brain</i> , 2011, 134, 59-72.	7.6	316
10	Normal values for quantitative muscle ultrasonography in adults. <i>Muscle and Nerve</i> , 2010, 41, 32-41.	2.2	309
11	'The clocks that time us' circadian rhythms in neurodegenerative disorders. <i>Nature Reviews Neurology</i> , 2014, 10, 683-693.	10.1	292
12	Physical inactivity in Parkinson's disease. <i>Journal of Neurology</i> , 2011, 258, 2214-2221.	3.6	258
13	ImmunoChip Study Implicates Antigen Presentation to T Cells in Narcolepsy. <i>PLoS Genetics</i> , 2013, 9, e1003270.	3.5	206
14	The incidence of narcolepsy in Europe: Before, during, and after the influenza A(H1N1)pdm09 pandemic and vaccination campaigns. <i>Vaccine</i> , 2013, 31, 1246-1254.	3.8	205
15	Hypocretin (orexin) loss in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2012, 33, 1642-1650.	3.1	195
16	Narcolepsy. <i>Nature Reviews Disease Primers</i> , 2017, 3, 16100.	30.5	185
17	Clinical, polysomnographic and genome-wide association analyses of narcolepsy with cataplexy: a European Narcolepsy Network study. <i>Journal of Sleep Research</i> , 2013, 22, 482-495.	3.2	182
18	Genome-wide association study identifies new HLA class II haplotypes strongly protective against narcolepsy. <i>Nature Genetics</i> , 2010, 42, 786-789.	21.4	170

#	ARTICLE	IF	CITATIONS
19	Hypocretin Deficiency in Narcoleptic Humans Is Associated with Abdominal Obesity. <i>Obesity</i> , 2003, 11, 1147-1154.	4.0	169
20	DQB1 Locus Alone Explains Most of the Risk and Protection in Narcolepsy with Cataplexy in Europe. <i>Sleep</i> , 2014, 37, 19-25.	1.1	164
21	The role of personality traits in insomnia. <i>Sleep Medicine Reviews</i> , 2010, 14, 61-68.	8.5	163
22	Challenges in Diagnosing Narcolepsy without Cataplexy: A Consensus Statement. <i>Sleep</i> , 2014, 37, 1035-1042.	1.1	145
23	Efficacy of community-based physiotherapy networks for patients with Parkinson's disease: a cluster-randomised trial. <i>Lancet Neurology</i> , The, 2010, 9, 46-54.	10.2	143
24	Normal hypocretin-1 levels in Parkinson's disease patients with excessive daytime sleepiness. <i>Neurology</i> , 2002, 58, 498-499.	1.1	133
25	Body mass index in Parkinson's disease: A meta-analysis. <i>Parkinsonism and Related Disorders</i> , 2012, 18, 263-267.	2.2	129
26	Hypocretin-1 CSF levels in anti-Ma2 associated encephalitis. <i>Neurology</i> , 2004, 62, 138-140.	1.1	125
27	Cognitive complaints in obstructive sleep apnea. <i>Sleep Medicine Reviews</i> , 2015, 19, 51-58.	8.5	125
28	Promotion of physical activity and fitness in sedentary patients with Parkinson's disease: randomised controlled trial. <i>BMJ</i> , The, 2013, 346, f576-f576.	6.0	123
29	The clinical features of cataplexy: A questionnaire study in narcolepsy patients with and without hypocretin-1 deficiency. <i>Sleep Medicine</i> , 2011, 12, 12-18.	1.6	121
30	Effectiveness of multidisciplinary care for Parkinson's disease: A randomized, controlled trial. <i>Movement Disorders</i> , 2013, 28, 605-611.	3.9	111
31	Reduction of Plasma Leptin Levels and Loss of Its Circadian Rhythmicity in Hypocretin (Orexin)-Deficient Narcoleptic Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 805-809.	3.6	110
32	Corticospinal Beta-Band Synchronization Entails Rhythmic Gain Modulation. <i>Journal of Neuroscience</i> , 2010, 30, 4481-4488.	3.6	105
33	Integrated multidisciplinary care in Parkinson's disease: a non-randomised, controlled trial (IMPACT). <i>Lancet Neurology</i> , The, 2013, 12, 947-956.	10.2	105
34	Convergence of circadian and sleep regulatory mechanisms on hypocretin-1. <i>Neuroscience</i> , 2004, 129, 727-732.	2.3	103
35	Anxiety and mood disorders in narcolepsy: a case-control study. <i>General Hospital Psychiatry</i> , 2010, 32, 49-56.	2.4	102
36	Muscle ultrasonography: A diagnostic tool for amyotrophic lateral sclerosis. <i>Clinical Neurophysiology</i> , 2012, 123, 1662-1667.	1.5	101

#	ARTICLE	IF	CITATIONS
37	CSF hypocretin levels in Guillain-Barré syndrome and other inflammatory neuropathies. <i>Neurology</i> , 2003, 61, 823-825.	1.1	97
38	Hypocretin and Melanin-Concentrating Hormone in Patients with Huntington Disease. <i>Brain Pathology</i> , 2008, 18, 474-483.	4.1	97
39	Reciprocal interactions between sleep, circadian rhythms and Alzheimer's disease: Focus on the role of hypocretin and melatonin. <i>Ageing Research Reviews</i> , 2013, 12, 188-200.	10.9	95
40	Possible confusion between primary hypersomnia and adult attention-deficit/hyperactivity disorder. <i>Psychiatry Research</i> , 2006, 143, 293-297.	3.3	94
41	Quantitative Muscle Ultrasonography in Amyotrophic Lateral Sclerosis. <i>Ultrasound in Medicine and Biology</i> , 2008, 34, 354-361.	1.5	88
42	The effects of vibrotactile biofeedback training on trunk sway in Parkinson's disease patients. <i>Parkinsonism and Related Disorders</i> , 2012, 18, 1017-1021.	2.2	87
43	Altered Skin-Temperature Regulation in Narcolepsy Relates to Sleep Propensity. <i>Sleep</i> , 2006, 29, 1444-1449.	1.1	86
44	Walking patterns in Parkinson's disease with and without freezing of gait. <i>Neuroscience</i> , 2011, 182, 217-224.	2.3	84
45	Excessive Daytime Sleepiness in Multiple System Atrophy (SLEEMSA Study). <i>Archives of Neurology</i> , 2011, 68, 223-30.	4.5	83
46	The Metabolic Pattern of Idiopathic REM Sleep Behavior Disorder Reflects Early-Stage Parkinson Disease. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1437-1444.	5.0	80
47	Expectancy Induces Dynamic Modulation of Corticospinal Excitability. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 121-131.	2.3	79
48	Narcolepsy: Immunological aspects. <i>Sleep Medicine Reviews</i> , 2008, 12, 95-107.	8.5	79
49	Psychotic symptoms in narcolepsy: phenomenology and a comparison with schizophrenia. <i>General Hospital Psychiatry</i> , 2009, 31, 146-154.	2.4	76
50	The ParkinsonNet concept: Development, implementation and initial experience. <i>Movement Disorders</i> , 2010, 25, 823-829.	3.9	74
51	Allied health care in Parkinson's disease: Referral, consultation, and professional expertise. <i>Movement Disorders</i> , 2009, 24, 282-286.	3.9	72
52	Weak with laughter. <i>Lancet</i> , The, 1999, 354, 838.	18.7	71
53	First Trial Postural Reactions to Unexpected Balance Disturbances: A Comparison With the Acoustic Startle Reaction. <i>Journal of Neurophysiology</i> , 2010, 104, 2704-2712.	1.8	71
54	Muscle changes in amyotrophic lateral sclerosis: A longitudinal ultrasonography study. <i>Clinical Neurophysiology</i> , 2011, 122, 623-628.	1.5	71

#	ARTICLE	IF	CITATIONS
55	Manipulation of Core Body and Skin Temperature Improves Vigilance and Maintenance of Wakefulness in Narcolepsy. <i>Sleep</i> , 2008, 31, 233-240.	1.1	70
56	Directional Sensitivity of "First Trial" Reactions in Human Balance Control. <i>Journal of Neurophysiology</i> , 2009, 101, 2802-2814.	1.8	68
57	FDG PET, dopamine transporter SPECT, and olfaction: Combining biomarkers in REM sleep behavior disorder. <i>Movement Disorders</i> , 2017, 32, 1482-1486.	3.9	67
58	Hypocretin/orexin disturbances in neurological disorders. <i>Sleep Medicine Reviews</i> , 2009, 13, 9-22.	8.5	66
59	Narcolepsy-Associated HLA Class I Alleles Implicate Cell-Mediated Cytotoxicity. <i>Sleep</i> , 2016, 39, 581-587.	1.1	66
60	The inferior frontal cortex in artificial syntax processing: An rTMS study. <i>Brain Research</i> , 2008, 1224, 69-78.	2.2	65
61	Increased Heart Rate Variability but Normal Resting Metabolic Rate in Hypocretin/Orexin-Deficient Human Narcolepsy. <i>Journal of Clinical Sleep Medicine</i> , 2008, 04, 248-254.	2.6	64
62	The hypothalamus in episodic brain disorders. <i>Lancet Neurology</i> , The, 2002, 1, 437-444.	10.2	59
63	Narcolepsy as an adverse event following immunization: Case definition and guidelines for data collection, analysis and presentation. <i>Vaccine</i> , 2013, 31, 994-1007.	3.8	58
64	Determinants of perceived sleep quality in normal sleepers. <i>Behavioral Sleep Medicine</i> , 2019, 17, 388-397.	2.1	58
65	Voxel-based morphometry in hypocretin-deficient narcolepsy. <i>Sleep</i> , 2003, 26, 44-6.	1.1	58
66	Association between Hypocretin-1 and Amyloid- β ;42 Cerebrospinal Fluid Levels in Alzheimer's Disease and Healthy Controls. <i>Current Alzheimer Research</i> , 2012, 9, 1119-1125.	1.4	55
67	Narcolepsy and psychiatry: An evolving association of increasing interest. <i>Sleep Medicine</i> , 2011, 12, 714-719.	1.6	54
68	Narcolepsy and adjuvanted pandemic influenza A (H1N1) 2009 vaccines " Multi-country assessment. <i>Vaccine</i> , 2018, 36, 6202-6211.	3.8	53
69	Pulsatile LH release is diminished, whereas FSH secretion is normal, in hypocretin-deficient narcoleptic men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 287, E630-E636.	3.5	51
70	Risk factors and prognosis of young stroke. The FUTURE study: A prospective cohort study. Study rationale and protocol. <i>BMC Neurology</i> , 2011, 11, 109.	1.8	51
71	Wearable monitoring of sleep-disordered breathing: estimation of the apnea-hypopnea index using wrist-worn reflective photoplethysmography. <i>Scientific Reports</i> , 2020, 10, 13512.	3.3	51
72	First trial reactions and habituation rates over successive balance perturbations in Parkinson's disease. <i>Neuroscience</i> , 2012, 217, 123-129.	2.3	50

#	ARTICLE	IF	CITATIONS
73	Severe fatigue in narcolepsy with cataplexy. <i>Journal of Sleep Research</i> , 2012, 21, 163-169.	3.2	50
74	Assessment of respiratory effort during sleep: Esophageal pressure versus noninvasive monitoring techniques. <i>Sleep Medicine Reviews</i> , 2015, 24, 28-36.	8.5	49
75	Sensory Nerve Conduction Studies in Neuralgic Amyotrophy. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2009, 88, 941-946.	1.4	48
76	Timed motor tests can detect subtle motor dysfunction in early Parkinson's disease. <i>Movement Disorders</i> , 2010, 25, 1150-1156.	3.9	48
77	Split-belt locomotion in Parkinson's disease with and without freezing of gait. <i>Neuroscience</i> , 2013, 236, 110-116.	2.3	48
78	Effects of startle and laughter in cataplectic subjects: a neurophysiological study between attacks. <i>Clinical Neurophysiology</i> , 2000, 111, 1276-1281.	1.5	47
79	Muscle ultrasonography to predict survival in amyotrophic lateral sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 552-554.	1.9	47
80	The European Narcolepsy Network (<sc>EU</sc>-<sc>NN</sc>) database. <i>Journal of Sleep Research</i> , 2016, 25, 356-364.	3.2	47
81	Immunohistochemical screening for autoantibodies against lateral hypothalamic neurons in human narcolepsy. <i>Journal of Neuroimmunology</i> , 2006, 174, 187-191.	2.3	46
82	RISE AND FALL OF SKELETAL MUSCLE SIZE OVER THE ENTIRE LIFE SPAN. <i>Journal of the American Geriatrics Society</i> , 2007, 55, 1150-1152.	2.6	46
83	Design and baseline characteristics of the ParkFit study, a randomized controlled trial evaluating the effectiveness of a multifaceted behavioral program to increase physical activity in Parkinson patients. <i>BMC Neurology</i> , 2010, 10, 70.	1.8	46
84	Automatic sleep staging using heart rate variability, body movements, and recurrent neural networks in a sleep disordered population. <i>Sleep</i> , 2020, 43, .	1.1	46
85	Cataplexy: 'tonic immobility' rather than 'REM-sleep atonia'? <i>Sleep Medicine</i> , 2002, 3, 471-477.	1.6	45
86	Somatotropic axis in hypocretin-deficient narcoleptic humans: altered circadian distribution of GH-secretory events. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 284, E641-E647.	3.5	45
87	Manipulation of skin temperature improves nocturnal sleep in narcolepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 79, 1354-1357.	1.9	45
88	Dynamics of the Pituitary-Adrenal Ensemble in Hypocretin-Deficient Narcoleptic Humans: Blunted Basal Adrenocorticotropin Release and Evidence for Normal Time-Keeping by the Master Pacemaker. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 5085-5091.	3.6	44
89	Prevalence and distribution of fasciculations in healthy adults: Effect of age, caffeine consumption and exercise. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2010, 11, 181-186.	2.1	44
90	Intramuscular fibrous tissue determines muscle echo intensity in amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , 2012, 45, 449-450.	2.2	44

#	ARTICLE	IF	CITATIONS
91	Poor sleep quality and fatigue but no excessive daytime sleepiness in myotonic dystrophy type 2. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010, 81, 963-967.	1.9	43
92	Subjectively impaired bed mobility in Parkinson disease affects sleep efficiency. <i>Sleep Medicine</i> , 2013, 14, 668-674.	1.6	43
93	Cataplexy and Its Mimics: Clinical Recognition and Management. <i>Current Treatment Options in Neurology</i> , 2017, 19, 23.	1.8	42
94	Hypocretin (orexin) loss and sleep disturbances in Parkinson's Disease. <i>Brain</i> , 2007, 131, e88-e88.	7.6	39
95	Corticospinal excitability during laughter: implications for cataplexy and the comparison with REM sleep atonia. <i>Journal of Sleep Research</i> , 2004, 13, 257-264.	3.2	38
96	Choice reaction times for human head rotations are shortened by startling acoustic stimuli, irrespective of stimulus direction. <i>Journal of Physiology</i> , 2007, 584, 97-109.	2.9	37
97	Motor imagery of foot dorsiflexion and gait: Effects on corticospinal excitability. <i>Clinical Neurophysiology</i> , 2008, 119, 2519-2527.	1.5	37
98	Recognition and diagnosis of sleep disorders in Parkinson's disease. <i>Journal of Neurology</i> , 2012, 259, 2031-2040.	3.6	37
99	Nocturnal Hypokinesia and Sleep Quality in Parkinson's Disease. <i>Journal of the American Geriatrics Society</i> , 2012, 60, 1104-1108.	2.6	37
100	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.	3.3	36
101	Altered setting of the pituitary-thyroid ensemble in hypocretin-deficient narcoleptic men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 288, E892-E899.	3.5	34
102	Symptomatic distal myopathy with cardiomyopathy due to a MYH7 mutation. <i>Neuromuscular Disorders</i> , 2007, 17, 490-493.	0.6	34
103	“Sleep benefit” in Parkinson's disease: A systematic review. <i>Parkinsonism and Related Disorders</i> , 2013, 19, 654-659.	2.2	34
104	Actigraphy as a diagnostic aid for REM sleep behavior disorder in Parkinson's disease. <i>BMC Neurology</i> , 2014, 14, 76.	1.8	34
105	Glucose and Fat Metabolism in Narcolepsy and the Effect of Sodium Oxybate: A Hyperinsulinemic-Euglycemic Clamp Study. <i>Sleep</i> , 2014, 37, 795-801.	1.1	34
106	Accelerometer-based quantitative analysis of axial nocturnal movements differentiates patients with Parkinson's disease, but not high-risk individuals, from controls. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 32-37.	1.9	34
107	Aberrant Food Choices after Satiation in Human Orexin-Deficient Narcolepsy Type 1. <i>Sleep</i> , 2016, 39, 1951-1959.	1.1	34
108	The effect of exogenous cortisol during sleep on the behavioral and neural correlates of emotional memory consolidation in humans. <i>Psychoneuroendocrinology</i> , 2013, 38, 1639-1649.	2.7	33

#	ARTICLE	IF	CITATIONS
109	Muscle imaging: Mapping responses to transcranial magnetic stimulation with high-density surface electromyography. <i>Cortex</i> , 2008, 44, 609-616.	2.4	32
110	Protocol of the SOMNIA project: an observational study to create a neurophysiological database for advanced clinical sleep monitoring. <i>BMJ Open</i> , 2019, 9, e030996.	1.9	32
111	Hypocretin/orexin and sleep: implications for the pathophysiology and diagnosis of narcolepsy. <i>Current Opinion in Neurology</i> , 2002, 15, 739-745.	3.6	31
112	Four-Year Follow-up of [¹⁸ F]Fluorodeoxyglucose Positron Emission Tomography-Based Parkinson's Disease-Related Pattern Expression in 20 Patients with Isolated Rapid Eye Movement Sleep Behavior Disorder Shows Prodromal Progression. <i>Movement Disorders</i> , 2021, 36, 230-235.	3.9	31
113	It is All in the Wrist: Wearable Sleep Staging in a Clinical Population versus Reference Polysomnography. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 885-897.	2.7	31
114	CSF hypocretin-1 levels are normal in multiple-system atrophy. <i>Parkinsonism and Related Disorders</i> , 2008, 14, 342-344.	2.2	30
115	The possible price of auditory cueing: Influence on obstacle avoidance in Parkinson's disease. <i>Movement Disorders</i> , 2012, 27, 574-578.	3.9	30
116	Sleep EEG characteristics associated with sleep onset misperception. <i>Sleep Medicine</i> , 2019, 57, 70-79.	1.6	29
117	Dynamic posturography using a new movable multidirectional platform driven by gravity. <i>Journal of Neuroscience Methods</i> , 2002, 113, 73-84.	2.5	28
118	Screening for anti-ganglioside antibodies in hypocretin-deficient human narcolepsy. <i>Neuroscience Letters</i> , 2003, 341, 13-16.	2.1	27
119	Hypocretin-1 Deficiency in a Girl With ROHHAD Syndrome. <i>Pediatrics</i> , 2013, 132, e788-e792.	2.1	27
120	Design of the Park-in-Shape study: a phase II double blind randomized controlled trial evaluating the effects of exercise on motor and non-motor symptoms in Parkinson's disease. <i>BMC Neurology</i> , 2015, 15, 56.	1.8	27
121	Is motor inhibition during laughter due to emotional or respiratory influences?. <i>Psychophysiology</i> , 2004, 41, 254-258.	2.4	26
122	The distinguishing motor features of cataplexy: a study from video-recorded attacks. <i>Sleep</i> , 2018, 41, .	1.1	26
123	Hypocretin/orexin and sleep: implications for the pathophysiology and diagnosis of narcolepsy. <i>Current Opinion in Neurology</i> , 2002, 15, 739-745.	3.6	25
124	Changes in corticospinal excitability and the direction of evoked movements during motor preparation: A TMS study. <i>BMC Neuroscience</i> , 2008, 9, 51.	1.9	24
125	Effect of sodium oxybate on growth hormone secretion in narcolepsy patients and healthy controls. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 300, E1069-E1075.	3.5	24
126	Quantitative Motor Performance and Sleep Benefit in Parkinson Disease. <i>Sleep</i> , 2015, 38, 1567-1573.	1.1	24

#	ARTICLE	IF	CITATIONS
127	Psychiatric Comorbidity and Aspects of Cognitive Coping Negatively Predict Outcome in Cognitive Behavioral Treatment of Psychophysiological Insomnia. <i>Behavioral Sleep Medicine</i> , 2015, 13, 140-156.	2.1	24
128	Camera-Based Vital Signs Monitoring During Sleep – A Proof of Concept Study. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 1409-1418.	6.3	22
129	Increased heart rate variability but normal resting metabolic rate in hypocretin/orexin-deficient human narcolepsy. <i>Journal of Clinical Sleep Medicine</i> , 2008, 4, 248-54.	2.6	22
130	Narcolepsy and familial advanced sleep-phase syndrome: molecular genetics of sleep disorders. <i>Current Opinion in Genetics and Development</i> , 2007, 17, 222-227.	3.3	21
131	Cumulative effect of 5 daily sessions of theta burst stimulation on corticospinal excitability in amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , 2013, 48, 733-738.	2.2	20
132	Improved vigilance after sodium oxybate treatment in narcolepsy: a comparison between in-field and in-laboratory measurements. <i>Journal of Sleep Research</i> , 2016, 25, 486-496.	3.2	20
133	Impaired social functioning in children with narcolepsy. <i>Sleep</i> , 2019, 42, .	1.1	20
134	Modeling sleep onset misperception in insomnia. <i>Sleep</i> , 2020, 43, .	1.1	20
135	Quality indicators for physiotherapy in Parkinson's disease. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2009, 45, 239-45.	2.2	20
136	Voxel-Based Morphometry in Hypocretin-Deficient Narcolepsy. <i>Sleep</i> , 2003, , .	1.1	19
137	On the generalizability of ECG-based obstructive sleep apnea monitoring: merits and limitations of the Apnea-ECG database. , 2018, 2018, 6022-6025.		19
138	Photoplethysmography beat detection and pulse morphology quality assessment for signal reliability estimation. , 2017, 2017, 117-120.		18
139	Recurrent Neural Network for Classification of Snoring and Non-Snoring Sound Events. , 2018, 2018, 328-331.		18
140	Audio-based snore detection using deep neural networks. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 200, 105917.	4.7	18
141	Radar-based sleep stage classification in children undergoing polysomnography: a pilot-study. <i>Sleep Medicine</i> , 2021, 82, 1-8.	1.6	18
142	Plasma Total Ghrelin and Leptin Levels in Human Narcolepsy and Matched Healthy Controls: Basal Concentrations and Response to Sodium Oxybate. <i>Journal of Clinical Sleep Medicine</i> , 2013, 09, 797-803.	2.6	18
143	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.	2.7	18
144	Sleep disturbances in chronic progressive external ophthalmoplegia. <i>European Journal of Neurology</i> , 2012, 19, 176-178.	3.3	17

#	ARTICLE	IF	CITATIONS
145	Sinus or not: a new beat detection algorithm based on a pulse morphology quality index to extract normal sinus rhythm beats from wrist-worn photoplethysmography recordings. <i>Physiological Measurement</i> , 2018, 39, 115007.	2.1	17
146	Respiratory activity extracted from wrist-worn reflective photoplethysmography in a sleep-disordered population. <i>Physiological Measurement</i> , 2020, 41, 065010.	2.1	17
147	Data-Driven Phenotyping of Central Disorders of Hypersomnolence With Unsupervised Clustering. <i>Neurology</i> , 2022, 98, .	1.1	17
148	Sleep matters in Parkinson's disease: use of a priority list to assess the presence of sleep disturbances. <i>European Journal of Neurology</i> , 2013, 20, 259-265.	3.3	16
149	A personalized coaching program increases outdoor activities and physical fitness in sedentary Parkinson patients; a post-hoc analysis of the ParkFit trial. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 1442-1444.	2.2	16
150	Evaluation of the Falls Telephone: An Automated System for Enduring Assessment of Falls. <i>Journal of the American Geriatrics Society</i> , 2011, 59, 340-344.	2.6	15
151	Exploring the Parkinson patients' perspective on home-based video recording for movement analysis: a qualitative study. <i>BMC Neurology</i> , 2019, 19, 71.	1.8	15
152	A case of neuromuscular mimicry. <i>Neuromuscular Disorders</i> , 2006, 16, 510-513.	0.6	14
153	Sleep benefit in Parkinson's disease is associated with short sleep times. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 116-118.	2.2	14
154	The walk-bicycle: A new assistive device for Parkinson's patients with freezing of gait?. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 755-757.	2.2	14
155	CSF hypocretin levels in Guillain-Barre's syndrome and other inflammatory neuropathies. <i>Neurology</i> , 2004, 62, 2337-2337.	1.1	14
156	Pandemic influenza vaccine & narcolepsy: simulations on the potential impact of bias. <i>Expert Review of Vaccines</i> , 2016, 15, 573-584.	4.4	13
157	Adherence to continuous positive airway pressure in adults with an intellectual disability. <i>Sleep Medicine</i> , 2017, 34, 234-239.	1.6	13
158	The ParkinsonNet trial: Design and baseline characteristics. <i>Movement Disorders</i> , 2010, 25, 830-837.	3.9	12
159	Enhanced food-related responses in the ventral medial prefrontal cortex in narcolepsy type 1. <i>Scientific Reports</i> , 2018, 8, 16391.	3.3	12
160	The impact of delayed sleep phase disorder on adolescents and their family. <i>Sleep Medicine</i> , 2019, 64, 15-22.	1.6	12
161	Long-Term Occupational Sleep Loss and Post-Retirement Cognitive Decline or Dementia. <i>Dementia and Geriatric Cognitive Disorders</i> , 2019, 48, 105-112.	1.5	12
162	Estimation of the apnea-hypopnea index in a heterogeneous sleep-disordered population using optimised cardiovascular features. <i>Scientific Reports</i> , 2019, 9, 17448.	3.3	12

#	ARTICLE	IF	CITATIONS
163	Model-Based Evaluation of Methods for Respiratory Sinus Arrhythmia Estimation. IEEE Transactions on Biomedical Engineering, 2021, 68, 1882-1893.	4.2	12
164	A Mobile App for Longterm Monitoring of Narcolepsy Symptoms: Design, Development, and Evaluation. JMIR MHealth and UHealth, 2020, 8, e14939.	3.7	12
165	Sleep Benefit in Parkinson's Disease: Time to Revive an Enigma?. Journal of Parkinson's Disease, 2012, 2, 167-170.	2.8	11
166	Understanding communicative actions: A repetitive TMS study. Cortex, 2014, 51, 25-34.	2.4	11
167	Conceptions of sleep experience: a layman perspective. BMC Research Notes, 2018, 11, 494.	1.4	11
168	Direct application of an ECG-based sleep staging algorithm on reflective photoplethysmography data decreases performance. BMC Research Notes, 2020, 13, 513.	1.4	11
169	Lying Awake at Night: Cardiac Autonomic Activity in Relation to Sleep Onset and Maintenance. Frontiers in Neuroscience, 2019, 13, 1405.	2.8	11
170	New 2013 incidence peak in childhood narcolepsy: more than vaccination?. Sleep, 2021, 44, .	1.1	11
171	Weak with laughter. Lancet, The, 1999, 354, 838.	13.7	11
172	Certainty about uncertainty in sleep staging: a theoretical framework. Sleep, 2022, 45, .	1.1	11
173	Measuring the cortical silent period can increase diagnostic confidence for amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2007, 8, 16-19.	2.1	10
174	CSF hypocretin-1 levels are normal in patients with amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2009, 10, 487-489.	2.1	10
175	Behavioural hyperventilation as a novel clinical condition associated with central sleep apnoea: A report of three cases. Sleep Medicine, 2012, 13, 1317-1320.	1.6	10
176	Prospective assessment of subjective sleep benefit in Parkinson's disease. BMC Neurology, 2015, 15, 2.	1.8	10
177	Intermediate hypocretin-1 cerebrospinal fluid levels and typical cataplexy: their significance in the diagnosis of narcolepsy type 1. Sleep, 2022, 45, .	1.1	10
178	Sodium oxybate increases prolactin secretion in narcolepsy patients and healthy controls. European Journal of Endocrinology, 2011, 164, 363-370.	3.7	9
179	Altered Circadian Rhythm of Melatonin Concentrations in Hypocretin-Deficient Men. Chronobiology International, 2012, 29, 356-362.	2.0	9
180	The effects of sodium oxybate on core body and skin temperature regulation in narcolepsy. Journal of Sleep Research, 2015, 24, 566-575.	3.2	9

#	ARTICLE	IF	CITATIONS
181	Sleep-Cognition Hypothesis In maritime Pilots, what is the effect of long-term work-related poor sleep on cognition and amyloid accumulation in healthy middle-aged maritime pilots: methodology of a caseâ€control study. <i>BMJ Open</i> , 2019, 9, e026992.	1.9	9
182	Obstructive sleep apnea in people with intellectual disabilities: adherence to and effect of CPAP. <i>Sleep and Breathing</i> , 2020, 25, 1257-1265.	1.7	9
183	Multilevel Interval Coded Scoring to Assess the Cardiovascular Status of Sleep Apnea Patients Using Oxygen Saturation Markers. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 2839-2848.	4.2	9
184	Sleep disorders and the hypothalamus. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2021, 182, 369-385.	1.8	9
185	Estimation of respiratory rate and effort from a chest-worn accelerometer using constrained and recursive principal component analysis. <i>Physiological Measurement</i> , 2021, 42, 045004.	2.1	9
186	Singular Value Decomposition for Removal of Cardiac Interference from Trunk Electromyogram. <i>Sensors</i> , 2021, 21, 573.	3.8	9
187	Effects of long-term sleep disruption on cognitive function and brain amyloid-Î² burden: a case-control study. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 101.	6.2	8
188	Effect of treatment on cognitive and attention problems in children with narcolepsy type 1. <i>Sleep</i> , 2020, 43, .	1.1	8
189	Shiftâ€workâ€related sleep disruption and the risk of decline in cognitive function: The CRUISE Study. <i>Journal of Sleep Research</i> , 2021, 30, e13068.	3.2	8
190	Effects of solriamfetol on onâ€theâ€road driving performance in participants with excessive daytime sleepiness associated with obstructive sleep apnoea. <i>Human Psychopharmacology</i> , 2022, 37, .	1.5	8
191	Phenotypes of sleeplessness: stressing the need for psychodiagnostics in the assessment of insomnia. <i>Psychology, Health and Medicine</i> , 2017, 22, 902-910.	2.4	7
192	Sleep onset (mis)perception in relation to sleep fragmentation, time estimation and pre-sleep arousal. <i>Sleep Medicine: X</i> , 2020, 2, 100014.	1.5	7
193	Comparing objective wakefulness and vigilance tests to onâ€theâ€road driving performance in narcolepsy and idiopathic hypersomnia. <i>Journal of Sleep Research</i> , 2022, 31, e13518.	3.2	7
194	Design and evaluation of a negotiation-based sleep scheduler app for insomnia treatment. , 2019, , .		6
195	Recognizing the Symptom Spectrum of Narcolepsy to Improve Timely Diagnosis: A Narrative Review. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 1083-1096.	2.7	6
196	Camera-based objective measures of Parkinsonâ€™s disease gait features. <i>BMC Research Notes</i> , 2021, 14, 329.	1.4	6
197	High frequency repetitive transcranial magnetic stimulation over the motor cortex: No diagnostic value for narcolepsy/cataplexy. <i>Journal of Neurology</i> , 2007, 254, 1459-1461.	3.6	5
198	Home video monitoring system for neurodegenerative diseases based on commercial HD cameras. , 2015, , .		5

#	ARTICLE	IF	CITATIONS
199	Assessing sleep-wake survival dynamics in relation to sleep quality in a placebo-controlled pharmacological intervention study with people with insomnia and healthy controls. <i>Psychopharmacology</i> , 2021, 238, 83-94.	3.1	5
200	Behavioural biometrics: Using smartphone keyboard activity as a proxy for restâ€“activity patterns. <i>Journal of Sleep Research</i> , 2021, 30, e13285.	3.2	5
201	Representations of temporal sleep dynamics: Review and synthesis of the literature. <i>Sleep Medicine Reviews</i> , 2022, 63, 101611.	8.5	5
202	Usefulness of the maintenance of wakefulness test in central disorders of hypersomnolence: a scoping review. <i>Sleep</i> , 2022, 45, .	1.1	5
203	Letter to the Editor. <i>Sleep Medicine</i> , 2002, 3, 531-532.	1.6	4
204	A grounded theory study on the influence of sleep on Parkinsonâ€™s symptoms. <i>BMC Research Notes</i> , 2016, 9, 299.	1.4	4
205	Severe Positional Central Sleep Apnea in an Asymptomatic Adult With a <i>PHOX2B</i> Frameshift Mutation. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 1427-1430.	2.6	4
206	Pharmacological management of narcolepsy. <i>Expert Opinion on Pharmacotherapy</i> , 2003, 4, 1739-1746.	1.8	3
207	Sleep-Wake Survival Dynamics in People with Insomnia. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 349-360.	2.7	3
208	Two sides of a coin: differential response to COVID-19 distancing measures in children with narcolepsy. <i>Journal of Clinical Sleep Medicine</i> , 2021, 17, 859-862.	2.6	3
209	Home-EEG assessment of possible compensatory mechanisms for sleep disruption in highly irregular shift workers â€“ The ANCHOR study. <i>PLoS ONE</i> , 2020, 15, e0237622.	2.5	3
210	Treatment-responsive pudendal dysfunction in chronic inflammatory demyelinating polyneuropathy. <i>Neurology</i> , 2007, 68, 957-958.	1.1	2
211	Autonomic cardiac activity in adults with short and long sleep onset latency. , 2018, 2018, 1448-1451.		2
212	A Digital Sleep Restriction System for Insomnia Therapy Based on Sleep Window Shift Negotiation. , 2018, , .		2
213	Dissociative Symptoms are Highly Prevalent in Adults with Narcolepsy Type 1. <i>Behavioral Sleep Medicine</i> , 2022, 20, 63-73.	2.1	2
214	On-the-road driving performance of patients with central disorders of hypersomnolence. <i>Traffic Injury Prevention</i> , 2021, 22, 120-126.	1.4	2
215	The Reticular Formation and Some Related Nuclei. , 2011, , 211-247.		2
216	Positional Central Sleep Apnea. , 2015, , 209-219.		2

#	ARTICLE	IF	CITATIONS
217	Hypocretin-1 measurements in cerebrospinal fluid using radioimmunoassay: within and between assay reliability and limit of quantification. <i>Sleep</i> , 2022, , .	1.1	2
218	Disorders of Sleep and Circadian Rhythms. , 2007, , 409-426.		1
219	Subjective sleep characteristics in primary insomnia versus insomnia with comorbid anxiety or mood disorder. <i>Sleep and Biological Rhythms</i> , 2015, 13, 41-48.	1.0	1
220	Correlates of general quality of life are different in patients with primary insomnia as compared to patients with insomnia and psychiatric comorbidity. <i>Psychology, Health and Medicine</i> , 2017, 22, 172-183.	2.4	1
221	An interactive thought visualization tool for insomnia treatment. <i>Procedia Computer Science</i> , 2017, 121, 314-321.	2.0	1
222	HLA associations in narcolepsy type 1 persist after the 2009 H1N1 pandemic. <i>Journal of Neuroimmunology</i> , 2020, 342, 577210.	2.3	1
223	The Reticular Formation and the Neuromodulatory Systems. , 2020, , 257-307.		1
224	Response to Letter-to-Editor by M. Tenhunen and S. Himanen: "Assessment of respiratory effort during sleep: Esophageal pressure versus noninvasive monitoring techniques" <i>Sleep Medicine Reviews</i> , 2015, 24, 105.	8.5	0
225	Long-term effects of work-related sleep disruption on cognitive function and brain amyloid β load. <i>Alzheimer's and Dementia</i> , 2020, 16, e037654.	0.8	0
226	Hypocretin/Orexin and Sleep. , 2005, , 279-290.		0
227	Diagnosis, Pathophysiology and Treatment of Hypersomnias. , 2006, , 151-162.		0
228	Appendix A: Sleep Diagnoses. , 0, , 294-298.		0
229	Appendix B: Sleep/Wake (Side) Effects of Various Classes of Commonly Used Drugs. , 0, , 299-315.		0
230	The Clinical Features of Cataplexy. , 2011, , 283-290.		0
231	The Thought Journal App. , 2020, , .		0
232	Title is missing!. , 2020, 15, e0237622.		0
233	Title is missing!. , 2020, 15, e0237622.		0
234	Title is missing!. , 2020, 15, e0237622.		0

#	ARTICLE	IF	CITATIONS
235	Title is missing!. , 2020, 15, e0237622.		0