

Rolf Fronczek

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

2,652
citations

236612

25
h-index

197535

49
g-index

72
all docs

72
docs citations

72
times ranked

2548
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypocretin (orexin) loss in Parkinson's disease. <i>Brain</i> , 2007, 130, 1577-1585.	3.7	407
2	Evaluation of wireless determination of skin temperature using iButtons. <i>Physiology and Behavior</i> , 2006, 88, 489-497.	1.0	300
3	Hypocretin (orexin) loss in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2012, 33, 1642-1650.	1.5	195
4	Hypocretin and Melanin-Concentrating Hormone in Patients with Huntington Disease. <i>Brain Pathology</i> , 2008, 18, 474-483.	2.1	97
5	Opiates increase the number of hypocretin-producing cells in human and mouse brain and reverse cataplexy in a mouse model of narcolepsy. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	90
6	The Number of Hypothalamic Hypocretin (Orexin) Neurons Is Not Affected in Prader-Willi Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 5466-5470.	1.8	87
7	Altered Skin-Temperature Regulation in Narcolepsy Relates to Sleep Propensity. <i>Sleep</i> , 2006, 29, 1444-1449.	0.6	86
8	Manipulation of Core Body and Skin Temperature Improves Vigilance and Maintenance of Wakefulness in Narcolepsy. <i>Sleep</i> , 2008, 31, 233-240.	0.6	70
9	Sleep, vigilance, and thermosensitivity. <i>Pflügers Archiv European Journal of Physiology</i> , 2012, 463, 169-176.	1.3	69
10	Hypocretin/orexin disturbances in neurological disorders. <i>Sleep Medicine Reviews</i> , 2009, 13, 9-22.	3.8	66
11	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.	1.4	64
12	To split or to lump? Classifying the central disorders of hypersomnolence. <i>Sleep</i> , 2020, 43, .	0.6	62
13	Sustained attention to response task (SART) shows impaired vigilance in a spectrum of disorders of excessive daytime sleepiness. <i>Journal of Sleep Research</i> , 2012, 21, 390-395.	1.7	61
14	Sexually Dimorphic Changes of Hypocretin (Orexin) in Depression. <i>EBioMedicine</i> , 2017, 18, 311-319.	2.7	55
15	Response to intravenous immunoglobulins and placebo in a patient with narcolepsy with cataplexy. <i>Journal of Neurology</i> , 2007, 254, 1607-1608.	1.8	54
16	Severe fatigue in narcolepsy with cataplexy. <i>Journal of Sleep Research</i> , 2012, 21, 163-169.	1.7	50
17	Reward-Seeking Behavior in Human Narcolepsy. <i>Journal of Clinical Sleep Medicine</i> , 2011, 07, 293-300.	1.4	50
18	Focusing on vigilance instead of sleepiness in the assessment of narcolepsy: high sensitivity of the Sustained Attention to Response Task (SART). <i>Sleep</i> , 2006, 29, 187-91.	0.6	49

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19	Immunohistochemical screening for autoantibodies against lateral hypothalamic neurons in human narcolepsy. <i>Journal of Neuroimmunology</i> , 2006, 174, 187-191.	1.1	46
20	Manipulation of skin temperature improves nocturnal sleep in narcolepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 79, 1354-1357.	0.9	45
21	Hypocretin (orexin) loss and sleep disturbances in Parkinson's Disease. <i>Brain</i> , 2007, 131, e88-e88.	3.7	39
22	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
23	Pharmacotherapy for Cluster Headache. <i>CNS Drugs</i> , 2020, 34, 171-184.	2.7	35
24	E-diary use in clinical headache practice: A prospective observational study. <i>Cephalalgia</i> , 2021, 41, 1161-1171.	1.8	34
25	Vigilance: discussion of related concepts and proposal for a definition. <i>Sleep Medicine</i> , 2021, 83, 175-181.	0.8	33
26	The biological clock in cluster headache: A review and hypothesis. <i>Cephalalgia</i> , 2019, 39, 1855-1866.	1.8	29
27	Time- and state-dependent analysis of autonomic control in narcolepsy: higher heart rate with normal heart rate variability independent of sleep fragmentation. <i>Journal of Sleep Research</i> , 2015, 24, 206-214.	1.7	27
28	Genetic Susceptibility Loci in Genomewide Association Study of Cluster Headache. <i>Annals of Neurology</i> , 2021, 90, 203-216.	2.8	22
29	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.	1.4	22
30	Increased use of illicit drugs in a Dutch cluster headache population. <i>Cephalalgia</i> , 2019, 39, 626-634.	1.8	21
31	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.	1.7	20
32	Chronobiology and Sleep in Cluster Headache. <i>Headache</i> , 2019, 59, 1032-1041.	1.8	19
33	Mortality in patients with systemic lupus erythematosus and neuropsychiatric involvement: A retrospective analysis from a tertiary referral center in the Netherlands. <i>Lupus</i> , 2020, 29, 1892-1901.	0.8	19
34	Immunohistochemical screening for antibodies in recent onset type 1 narcolepsy and after H1N1 vaccination. <i>Journal of Neuroimmunology</i> , 2015, 283, 58-62.	1.1	18
35	Decreased body mass index during treatment with sodium oxybate in narcolepsy type 1. <i>Journal of Sleep Research</i> , 2019, 28, e12684.	1.7	18
36	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

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37	Fatigue in patients with systemic lupus erythematosus and neuropsychiatric symptoms is associated with anxiety and depression rather than inflammatory disease activity. <i>Lupus</i> , 2021, 30, 1124-1132.	0.8	17
38	Data-Driven Phenotyping of Central Disorders of Hypersomnolence With Unsupervised Clustering. <i>Neurology</i> , 2022, 98, .	1.5	17
39	High sensitivity and specificity of 4D-CTA in the detection of cranial arteriovenous shunts. <i>European Radiology</i> , 2019, 29, 5961-5970.	2.3	14
40	Reduced Numbers of Corticotropin-Releasing Hormone Neurons in Narcolepsy Type 1. <i>Annals of Neurology</i> , 2022, 91, 282-288.	2.8	14
41	Widespread white matter connectivity abnormalities in narcolepsy type 1: A diffusion tensor imaging study. <i>NeuroImage: Clinical</i> , 2019, 24, 101963.	1.4	13
42	Core Body and Skin Temperature in Type 1 Narcolepsy in Daily Life; Effects of Sodium Oxybate and Prediction of Sleep Attacks. <i>Sleep</i> , 2016, 39, 1941-1949.	0.6	12
43	Changes of Hypocretin (Orexin) System in Schizophrenia: From Plasma to Brain. <i>Schizophrenia Bulletin</i> , 2021, 47, 1310-1319.	2.3	12
44	New 2013 incidence peak in childhood narcolepsy: more than vaccination?. <i>Sleep</i> , 2021, 44, .	0.6	11
45	Intermediate hypocretin-1 cerebrospinal fluid levels and typical cataplexy: their significance in the diagnosis of narcolepsy type 1. <i>Sleep</i> , 2022, 45, .	0.6	10
46	Autonomic Alterations in Narcolepsy—Contrasting Results in Mice and Men. <i>Sleep</i> , 2013, 36, 9-10.	0.6	9
47	The effects of sodium oxybate on core body and skin temperature regulation in narcolepsy. <i>Journal of Sleep Research</i> , 2015, 24, 566-575.	1.7	9
48	Orexin-A measurement in narcolepsy: A stability study and a comparison of LC-MS/MS and immunoassays. <i>Clinical Biochemistry</i> , 2021, 90, 34-39.	0.8	9
49	Autoantibodies against specific post-translationally modified proteins are present in patients with lupus and associate with major neuropsychiatric manifestations. <i>RMD Open</i> , 2022, 8, e002079.	1.8	9
50	The influences of task repetition, napping, time of day, and instruction on the Sustained Attention to Response Task. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2014, 36, 1055-1065.	0.8	8
51	Role of Brown Adipose Tissue in Adiposity Associated With Narcolepsy Type 1. <i>Frontiers in Endocrinology</i> , 2020, 11, 145.	1.5	8
52	Month of birth is not a risk factor for narcolepsy with cataplexy in the Netherlands. <i>Journal of Sleep Research</i> , 2011, 20, 522-525.	1.7	7
53	The Sustained Attention to Response Task Shows Lower Cingulo-Opercular and Frontoparietal Activity in People with Narcolepsy Type 1: An fMRI Study on the Neural Regulation of Attention. <i>Brain Sciences</i> , 2020, 10, 419.	1.1	6
54	Awakening to sleep disorders in Europe: Survey on education, knowledge and treatment competence of European residents and neurologists. <i>European Journal of Neurology</i> , 2021, 28, 2863-2870.	1.7	6

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55	The orexin/hypocretin system in neuropsychiatric disorders: Relation to signs and symptoms. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 180, 343-358.	1.0	6
56	Repeated greater occipital nerve injections with corticosteroids in medically intractable chronic cluster headache: a retrospective study. Neurological Sciences, 2022, 43, 1267-1272.	0.9	5
57	Clinical symptoms of androgen deficiency in men with migraine or cluster headache: a cross-sectional cohort study. Journal of Headache and Pain, 2021, 22, 125.	2.5	5
58	Usefulness of the maintenance of wakefulness test in central disorders of hypersomnolence: a scoping review. Sleep, 2022, 45, .	0.6	5
59	Conventional autoantibodies against brain antigens are not routinely detectable in serum and CSF of narcolepsy type 1 and 2 patients. Sleep Medicine, 2020, 75, 188-191.	0.8	4
60	Neuroimaging in Narcolepsy and Idiopathic Hypersomnia: from Neural Correlates to Clinical Practice. Current Sleep Medicine Reports, 2020, 6, 251-266.	0.7	4
61	Suspected Transverse Myelitis with Normal MRI and CSF Findings in a Patient with Lupus: What to Do? A Case Series and Systematic Review. Neuropsychiatric Disease and Treatment, 2020, Volume 16, 3173-3186.	1.0	4
62	The tuberomamillary nucleus in neuropsychiatric disorders. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 180, 389-400.	1.0	3
63	The development of hypocretin deficiency in narcolepsy type 1 can be swift and closely linked to symptom onset: clues from a singular case. Sleep, 2019, 42, .	0.6	2
64	Hypocretin-1 measurements in cerebrospinal fluid using radioimmunoassay: within and between assay reliability and limit of quantification. Sleep, 2022, , .	0.6	2
65	HLA associations in narcolepsy type 1 persist after the 2009 H1N1 pandemic. Journal of Neuroimmunology, 2020, 342, 577210.	1.1	1
66	Unilateral increased visual sensitivity in cluster headache: a cross-sectional study. Cephalalgia, 2022, , 033310242210776.	1.8	1
67	High Prevalence but Low Impact of Cognitive Dysfunction on Quality of Life in Patients With Lupus and Neuropsychiatric Symptoms. Arthritis Care and Research, 2023, 75, 1017-1025.	1.5	0
68	Enhanced Visual Cortex Activation in People With Narcolepsy Type 1 During Active Sleep Resistance: An fMRI-EEG Study. Frontiers in Neuroscience, 0, 16, .	1.4	0