

Emmanuel Mignot

List of Publications by Year in descending order

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83
papers

5,981
citations

136950

32
h-index

74163

75
g-index

86
all docs

86
docs citations

86
times ranked

5883
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	The NASA Twins Study: A multidimensional analysis of a year-long human spaceflight. <i>Science</i> , 2019, 364, .	12.6	576
3	Slow wave sleep disruption increases cerebrospinal fluid amyloid- β^2 levels. <i>Brain</i> , 2017, 140, 2104-2111.	7.6	401
4	Sleep-spindle detection: crowdsourcing and evaluating performance of experts, non-experts and automated methods. <i>Nature Methods</i> , 2014, 11, 385-392.	19.0	288
5	Correlates of sleep-onset REM periods during the Multiple Sleep Latency Test in community adults. <i>Brain</i> , 2006, 129, 1609-1623.	7.6	245
6	Neural network analysis of sleep stages enables efficient diagnosis of narcolepsy. <i>Nature Communications</i> , 2018, 9, 5229.	12.8	194
7	Hypocretin/orexin, sleep and narcolepsy. <i>BioEssays</i> , 2001, 23, 397-408.	2.5	148
8	Genome Wide Analysis of Narcolepsy in China Implicates Novel Immune Loci and Reveals Changes in Association Prior to Versus After the 2009 H1N1 Influenza Pandemic. <i>PLoS Genetics</i> , 2013, 9, e1003880.	3.5	128
9	HLA-DPB1 and HLA Class I Confer Risk of and Protection from Narcolepsy. <i>American Journal of Human Genetics</i> , 2015, 96, 136-146.	6.2	125
10	Emerging Therapies in Narcolepsy-Cataplexy. <i>Sleep</i> , 2005, 28, 754-763.	1.1	113
11	Narcolepsy and Predictors of Positive MSLTs in the Wisconsin Sleep Cohort. <i>Sleep</i> , 2014, 37, 1043-1051.	1.1	105
12	Desmethyl Metabolites of Serotonergic Uptake Inhibitors Are More Potent for Suppressing Canine Cataplexy Than Their Parent Compounds. <i>Sleep</i> , 1993, 16, 706-712.	1.1	81
13	The MSLT is Repeatable in Narcolepsy Type 1 But Not Narcolepsy Type 2: A Retrospective Patient Study. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 65-74.	2.6	69
14	Hypocretin deficiency in familial symptomatic narcolepsy. <i>Annals of Neurology</i> , 2001, 49, 136-137.	5.3	65
15	Cross-disorder analysis of schizophrenia and 19 immune-mediated diseases identifies shared genetic risk. <i>Human Molecular Genetics</i> , 2019, 28, 3498-3513.	2.9	65
16	Controversies in the Diagnosis of Narcolepsy. <i>Sleep</i> , 1994, 17, S1-S6.	1.1	59
17	HLA DQB1*06:02 Negative Narcolepsy with Hypocretin/Orexin Deficiency. <i>Sleep</i> , 2014, 37, 1601-1608.	1.1	59
18	Inter-expert and intra-expert reliability in sleep spindle scoring. <i>Clinical Neurophysiology</i> , 2015, 126, 1548-1556.	1.5	57

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19	Sulpiride, a D2/D3 Blocker, Reduces Cataplexy but not REM Sleep in Canine Narcolepsy. <i>Neuropsychopharmacology</i> , 2000, 23, 528-538.	5.4	54
20	Sleep-stage transitions during polysomnographic recordings as diagnostic features of type 1 narcolepsy. <i>Sleep Medicine</i> , 2015, 16, 1558-1566.	1.6	54
21	Narcolepsy is a common phenotype in HSN IE and ADCA-DN. <i>Brain</i> , 2014, 137, 1643-1655.	7.6	49
22	MICA, a gene contributing strong susceptibility to ankylosing spondylitis. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 1552-1557.	0.9	47
23	Validation of Multiple Sleep Latency Test for the diagnosis of pediatric narcolepsy type 1. <i>Neurology</i> , 2019, 93, e1034-e1044.	1.1	47
24	Comparison of Pandemrix and Arepanrix, two pH1N1 AS03-adjuvanted vaccines differentially associated with narcolepsy development. <i>Brain, Behavior, and Immunity</i> , 2015, 47, 44-57.	4.1	44
25	Automatic sleep stage classification with deep residual networks in a mixed-cohort setting. <i>Sleep</i> , 2021, 44, .	1.1	44
26	Clinical and Prognostic Value of Immunogenetic Characteristics in Anti-LGI1 Encephalitis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, .	6.0	43
27	Sleep spindle alterations in patients with Parkinson's disease. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 233.	2.0	42
28	Longitudinal associations of hypersomnolence and depression in the Wisconsin Sleep Cohort Study. <i>Journal of Affective Disorders</i> , 2017, 207, 197-202.	4.1	40
29	Breathing Disturbances Without Hypoxia Are Associated With Objective Sleepiness in Sleep Apnea. <i>Sleep</i> , 2017, 40, .	1.1	37
30	Periodic limb movements in sleep: Prevalence and associated sleepiness in the Wisconsin Sleep Cohort. <i>Clinical Neurophysiology</i> , 2018, 129, 2306-2314.	1.5	37
31	Design and Validation of a Periodic Leg Movement Detector. <i>PLoS ONE</i> , 2014, 9, e114565.	2.5	35
32	Subjective and Objective Measures of Hypersomnolence Demonstrate Divergent Associations with Depression among Participants in the Wisconsin Sleep Cohort Study. <i>Journal of Clinical Sleep Medicine</i> , 2016, 12, 571-578.	2.6	35
33	Factors associated with fatigue in patients with insomnia. <i>Journal of Psychiatric Research</i> , 2019, 117, 24-30.	3.1	34
34	Fine mapping of the HLA locus in Parkinson's disease in Europeans. <i>Npj Parkinson's Disease</i> , 2021, 7, 84.	5.3	31
35	Greatest changes in objective sleep architecture during COVID-19 lockdown in night owls with increased REM sleep. <i>Sleep</i> , 2021, 44, .	1.1	30
36	Cerebrospinal fluid cytokine levels in type 1 narcolepsy patients very close to onset. <i>Brain, Behavior, and Immunity</i> , 2015, 49, 54-58.	4.1	29

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37	A Deep Learning Architecture to Detect Events in EEG Signals During Sleep. , 2018, , .		28
38	Narcolepsy in African Americans. <i>Sleep</i> , 2015, 38, 1673-1681.	1.1	27
39	Characterization of 12 microsatellite loci of the human MHC in a panel of reference cell lines. <i>Immunogenetics</i> , 1997, 47, 131-138.	2.4	25
40	A Circadian Sleep Disorder Reveals a Complex Clock. <i>Cell</i> , 2007, 128, 22-23.	28.9	25
41	HLA-DQ Allele Competition in Narcolepsy: A Comment on Tafti et al. DQB1 locus alone explains most of the risk and protection in narcolepsy with cataplexy in Europe. <i>Sleep</i> , 2015, 38, 147-151.	1.1	22
42	Familial Kleine-Levin Syndrome: A Specific Entity?. <i>Sleep</i> , 2016, 39, 1535-1542.	1.1	22
43	EIF3G is associated with narcolepsy across ethnicities. <i>European Journal of Human Genetics</i> , 2015, 23, 1573-1580.	2.8	21
44	Robust, ECG-based detection of Sleep-disordered breathing in large population-based cohorts. <i>Sleep</i> , 2020, 43, .	1.1	20
45	The diagnostic value of power spectra analysis of the sleep electroencephalography in narcoleptic patients. <i>Sleep Medicine</i> , 2015, 16, 1516-1527.	1.6	19
46	Meeting report narcolepsy and pandemic influenza vaccination: What we know and what we need to know before the next pandemic? A report from the 2nd IABS meeting. <i>Biologicals</i> , 2019, 60, 1-7.	1.4	18
47	Primary DQ effect in the association between HLA and neurological syndromes with anti-GAD65 antibodies. <i>Journal of Neurology</i> , 2020, 267, 1906-1911.	3.6	18
48	Automatic detection of cortical arousals in sleep and their contribution to daytime sleepiness. <i>Clinical Neurophysiology</i> , 2020, 131, 1187-1203.	1.5	18
49	Complex HLA association in paraneoplastic cerebellar ataxia with anti-Yo antibodies. <i>Journal of Neuroimmunology</i> , 2018, 315, 28-32.	2.3	17
50	Characterization of 12 microsatellite loci of the human MHC in a panel of reference cell lines. <i>Immunogenetics</i> , 1998, 47, 503-503.	2.4	16
51	Serum cytokine levels in Kleine-Levin syndrome. <i>Sleep Medicine</i> , 2015, 16, 961-965.	1.6	16
52	Diagnostic value of sleep stage dissociation as visualized on a 2-dimensional sleep state space in human narcolepsy. <i>Journal of Neuroscience Methods</i> , 2017, 282, 9-19.	2.5	16
53	Multiplex family with GAD65-Abs neurologic syndromes. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2018, 5, e416.	6.0	16
54	Proteomic biomarkers of sleep apnea. <i>Sleep</i> , 2020, 43, .	1.1	16

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55	Diagnosis and Management of Narcolepsy. <i>Seminars in Neurology</i> , 2017, 37, 446-460.	1.4	15
56	Automatic, electrocardiographic-based detection of autonomic arousals and their association with cortical arousals, leg movements, and respiratory events in sleep. <i>Sleep</i> , 2018, 41, .	1.1	15
57	Narcolepsy with intermediate cerebrospinal level of hypocretin-1. <i>Sleep</i> , 2022, 45, .	1.1	14
58	Human Leukocyte Antigen Association Study Reveals DRB1*04:02 Effects Additional to DRB1*07:01 in Anti-LGI1 Encephalitis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2022, 9, .	6.0	13
59	Sodium Oxybate for Excessive Daytime Sleepiness in Narcolepsy-Cataplexy. <i>Sleep</i> , 2004, 27, 1242-1243.	1.1	11
60	Drug Treatment of Patients with Insomnia and Excessive Daytime Sleepiness. <i>Clinical Pharmacokinetics</i> , 1999, 37, 305-330.	3.5	10
61	Exploring medical diagnostic performance using interactive, multi-parameter sourced receiver operating characteristic scatter plots. <i>Computers in Biology and Medicine</i> , 2014, 47, 120-129.	7.0	9
62	A comparative study of methods for automatic detection of rapid eye movement abnormal muscular activity in narcolepsy. <i>Sleep Medicine</i> , 2018, 44, 97-105.	1.6	9
63	Cortical arousal frequency is increased in narcolepsy type 1. <i>Sleep</i> , 2021, 44, .	1.1	9
64	Increased EEG Theta Spectral Power in Sleep in Myotonic Dystrophy Type 1. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 229-235.	2.6	7
65	Polysomnographic and neurometabolic features may mark preclinical autosomal dominant cerebellar ataxia, deafness, and narcolepsy due to a mutation in the DNA (cytosine-5-)-methyltransferase gene, DNMT1. <i>Sleep Medicine</i> , 2014, 15, 582-585.	1.6	6
66	Mass Spectrometric Characterization of Narcolepsy-Associated Pandemic 2009 Influenza Vaccines. <i>Vaccines</i> , 2020, 8, 630.	4.4	6
67	Treatment of narcolepsy with natalizumab. <i>Sleep</i> , 2020, 43, .	1.1	5
68	348 Absence of Withdrawal Symptoms and Rebound Insomnia Upon Discontinuation of Daridorexant in Patients with Insomnia. <i>Sleep</i> , 2021, 44, A139-A139.	1.1	5
69	Arousal characteristics in patients with Parkinson's disease and isolated rapid eye movement sleep behavior disorder. <i>Sleep</i> , 2021, 44, .	1.1	5
70	A Year in Review—Basic Science, Narcolepsy, and Sleep in Neurologic Diseases. <i>Sleep</i> , 2004, 27, 1209-1212.	1.1	4
71	The genetic etiology of periodic limb movement in sleep. <i>Sleep</i> , 2023, 46, .	1.1	4
72	Pathophysiological and clinical aspects of narcolepsy: a disorder associated with hypocretin abnormalities. <i>Somnologie</i> , 2000, 4, 111-116.	1.5	3

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73	Response to "H1N1 hemagglutinin-specific HLA-DQ6-restricted CD4+ T cells can be readily detected in narcolepsy type 1 patients and healthy controls". Journal of Neuroimmunology, 2019, 333, 476959.	2.3	3
74	Digital markers of sleep architecture to characterize the impact of different lockdown regimens on sleep health during the COVID-19 pandemic. Sleep, 2022, 45, .	1.1	3
75	Comment on the Letter to the Editor By Dr. Marcus on the Association between Narcolepsy and H1N1 Exposure. Sleep, 2011, 34, 689-690.	1.1	2
76	Genetic risk for subjective reports of insomnia associates only weakly with polygraphic measures of insomnia in 2,770 adults. Journal of Clinical Sleep Medicine, 2022, 18, 21-29.	2.6	2
77	SEV " a software toolbox for large scale analysis and visualization of polysomnography data. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2015, 3, 123-135.	1.9	1
78	0318 Towards A Deep Learning-based Joint Detection Model For Nocturnal Polysomnogram Events. Sleep, 2019, 42, A130-A130.	1.1	1
79	0322 Development of Complex Data Platform for the Stanford Technology Analytics and Genomics in Sleep (STAGES) Study. Sleep, 2019, 42, A132-A132.	1.1	1
80	820 An Unusual Case of Post-Traumatic Brain Injury Kleine-Levin Syndrome with Anti-GAD-65 Autoantibodies. Sleep, 2021, 44, A320-A320.	1.1	1
81	Serum Prolactin Response to a D2 Antagonist in Narcoleptic and Control Canines. Sleep, 1992, 15, 474-475.	1.1	0
82	Comparative Effects of Modafinil and Amphetamine on Daytime Sleepiness and Cataplexy of Narcoleptic Dogs. Sleep, 1995, , .	1.1	0
83	0042 Proteomic Biomarkers Of Circadian Time. Sleep, 2019, 42, A17-A18.	1.1	0