Florian Chapotot

List of Publications by Year
in descending order

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37 papers	1,821 citations	279798 23 h-index	377865 34 g-index
38 all docs	38 docs citations	38 times ranked	2225 citing authors

#	Article	IF	Citations
1	Sleep during Ramadan intermittent fasting. Journal of Sleep Research, 2001, 10, 319-327.	3.2	151
2	Temporal Disorganization of Circadian Rhythmicity and Sleep-Wake Regulation in Mechanically Ventilated Patients Receiving Continuous Intravenous Sedation. Sleep, 2012, 35, 1105-1114.	1.1	140
3	Major depressive disorder, sleep EEG and agomelatine: an open-label study. International Journal of Neuropsychopharmacology, 2007, 10, 691-6.	2.1	134
4	Feature selection for sleep/wake stages classification using data driven methods. Biomedical Signal Processing and Control, 2007, 2, 171-179.	5.7	130
5	Sleep restriction increases free fatty acids in healthy men. Diabetologia, 2015, 58, 791-798.	6.3	115
6	Treatment of Obstructive Sleep Apnea Improves Cardiometabolic Function in Young Obese Women with Polycystic Ovary Syndrome. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 365-374.	3.6	100
7	The effects of extended bedtimes on sleep duration and food desire in overweight young adults: A home-based intervention. Appetite, 2014, 80, 220-224.	3.7	98
8	Daytime sleepiness during Ramadan intermittent fasting: polysomnographic and quantitative waking EEG study. Journal of Sleep Research, 2003, 12, 95-101.	3.2	85
9	Effect of sleep deprivation on overall 24 h growth-hormone secretion. Lancet, The, 2000, 356, 1408.	13.7	84
10	Sleep structure: a new diagnostic tool for stage determination in sleeping sickness. Acta Tropica, 2005, 93, 107-117.	2.0	77
11	Self-evaluated automatic classifier as a decision-support tool for sleep/wake staging. Computers in Biology and Medicine, 2011, 41, 380-389.	7.0	68
12	Distinctive effects of modafinil and d-amphetamine on the homeostatic and circadian modulation of the human waking EEG. Psychopharmacology, 2003, 166, 127-138.	3.1	62
13	Sleep deprivation blunts the night time increase in aldosterone release in humans. Journal of Sleep Research, 2001, 10, 27-33.	3.2	61
14	Cortisol Secretion Is Related to Electroencephalographic Alertness in Human Subjects during Daytime Wakefulness1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 4263-4268.	3.6	57
15	Hypothalamo-Pituitary-Adrenal Axis Activity Is Related to the Level of Central Arousal: Effect of Sleep Deprivation on the Association of High-Frequency Waking Electroencephalogram with Cortisol Release. Neuroendocrinology, 2001, 73, 312-321.	2.5	57
16	Cortisol Secretion Is Related to Electroencephalographic Alertness in Human Subjects during Daytime Wakefulness. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 4263-4268.	3.6	47
17	Effects of Sleep Deprivation on Spontaneous Arousals in Humans. Sleep, 2004, 27, 1068-1075.	1.1	40
18	Heart rate activation during spontaneous arousals from sleep: effect of sleep deprivation. Clinical Neurophysiology, 2004, 115, 2442-2451.	1.5	35

#	Article	IF	Citations
19	Twenty-Fourâ€"Hour Disruption of the Sleep-Wake Cycle and Sleep-Onset REM-Like Episodes in a Rat Model of African Trypanosomiasis. Sleep, 2004, 27, 42-46.	1.1	35
20	Automated sleepâ€"wake staging combining robust feature extraction, artificial neural network classification, and flexible decision rules. International Journal of Adaptive Control and Signal Processing, 2010, 24, 409-423.	4.1	35
21	EEG spectral activity during paradoxical sleep. NeuroReport, 2000, 11, 3667-3671.	1.2	34
22	Comparison Between Five Classifiers for Automatic Scoring of Human Sleep Recordings. Studies in Computational Intelligence, 0, , 113-127.	0.9	27
23	High frequency waking EEG. NeuroReport, 2000, 11, 2223-2227.	1.2	26
24	Hypocretin and Human African Trypanosomiasis. Sleep, 2008, 31, 348-354.	1.1	25
25	Time of night and first night effects on arousal response in healthy adults. Clinical Neurophysiology, 2008, 119, 1590-1599.	1.5	24
26	Pulsatile cortisol secretion and EEG delta waves are controlled by two independent but synchronized generators. American Journal of Physiology - Endocrinology and Metabolism, 1998, 275, E94-E100.	3.5	20
27	Relationships between intact parathyroid hormone 24-hour profiles, sleep-wake cycle, and sleep electroencephalographic activity in man. Journal of Clinical Endocrinology and Metabolism, 1996, 81, 3759-3765.	3.6	14
28	Detection of Cortical Slow Waves in the Sleep EEG Using a Modified Matching Pursuit Method With a Restricted Dictionary. IEEE Transactions on Biomedical Engineering, 2012, 59, 2808-2817.	4.2	8
29	A two-steps sleep/wake stages classifier taking into account artefacts in the polysomnographic signals. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 5227-5232.	0.4	7
30	Management of African trypanosomiasis of the CNS: polysomnography as a noninvasive staging tool. Future Neurology, 2012, 7, 453-472.	0.5	6
31	Moderate endurance training has no effect on the parathyroid function of heart transplant patients. European Journal of Applied Physiology, 1997, 76, 134-139.	2.5	4
32	Optimal Continuous Positive Airway Pressure Treatment of Obstructive Sleep Apnea Reduces Daytime Resting Heart Rate in Prediabetes: A Randomized Controlled Study. Journal of the American Heart Association, 2020, 9, e016871.	3.7	4
33	Automated detection of sleep EEG slow waves based on matching pursuit using a restricted dictionary. , 2011, 2011, 4824-7.		3
34	0109 Slow Wave Sleep and REM Sleep Differentially Affect Nocturnal Glucose Levels. Sleep, 2019, 42, A45-A45.	1.1	3
35	Nicotine increases sleep spindle activity. Journal of Sleep Research, 2019, 28, e12800.	3.2	3
36	Sleeping Sickness. , 2005, , 163-173.		0

#	Article	IF	Citations
37	Severe Temporal Disorganization Of The EEG And Circadian Rhythms In Critically Ill Mechanically Ventilated Patients. , 2010, , .		0