

Matias Cavelli

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

401
citations

933264

10
h-index

887953

17
g-index

32
all docs

32
docs citations

32
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Urethane anaesthesia exhibits neurophysiological correlates of unconsciousness and is distinct from sleep. <i>European Journal of Neuroscience</i> , 2024, 59, 483-501.	1.2	10
2	Polysomnography in humans and animal models. , 2022, , 17-32.		4
3	Low frequency oscillations drive EEG's complexity changes during wakefulness and sleep. <i>Neuroscience</i> , 2022, 494, 1-11.	1.1	8
4	Effects of Cannabis Consumption on Sleep. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1297, 147-162.	0.8	11
5	EEG Gamma Band Alterations and REM-like Traits Underpin the Acute Effect of the Atypical Psychedelic Ibogaine in the Rat. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 517-525.	2.5	14
6	Nasal respiration entrains neocortical long-range gamma coherence during wakefulness. <i>European Journal of Neuroscience</i> , 2020, 51, 1463-1477.	1.2	27
7	Communication Through Coherence by Means of Cross-frequency Coupling. <i>Neuroscience</i> , 2020, 449, 157-164.	1.1	21
8	Power and Coherence in the EEG of the Rat: Impact of Behavioral States, Cortical Area, Lateralization and Light/Dark Phases. <i>Clocks & Sleep</i> , 2020, 2, 536-556.	0.9	15
9	EEG power spectrum daily variations in sleep and wakefulness. <i>Sleep Science</i> , 2020, , .	0.4	2
10	Electrocortical high frequency activity and respiratory entrainment in 6-hydroxydopamine model of Parkinson's disease. <i>Brain Research</i> , 2019, 1724, 146439.	1.1	5
11	Acute effect of vaporized Cannabis on sleep and electrocortical activity. <i>Pharmacology Biochemistry and Behavior</i> , 2019, 179, 113-123.	1.3	18
12	Arousal and normal conscious cognition. , 2019, , 1-24.		5
13	Decreased electrocortical temporal complexity distinguishes sleep from wakefulness. <i>Scientific Reports</i> , 2019, 9, 18457.	1.6	32
14	EEG dissociation induced by muscarinic receptor antagonists: Coherent 40%Hz oscillations in a background of slow waves and spindles. <i>Behavioural Brain Research</i> , 2019, 359, 28-37.	1.2	9
15	Power and coherence of cortical high-frequency oscillations during wakefulness and sleep. <i>European Journal of Neuroscience</i> , 2018, 48, 2728-2737.	1.2	33
16	Ibogaine Acute Administration in Rats Promotes Wakefulness, Long-Lasting REM Sleep Suppression, and a Distinctive Motor Profile. <i>Frontiers in Pharmacology</i> , 2018, 9, 374.	1.6	23
17	Microinjection of the dopamine D2-receptor antagonist Raclopride into the medial preoptic area reduces REM sleep in lactating rats. <i>Neuroscience Letters</i> , 2017, 659, 104-109.	1.0	12
18	Absence of EEG gamma coherence in a local activated cortical state: a conserved trait of REM sleep. <i>Translational Brain Rhythmicity</i> , 2017, 2, .	0.3	19

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19	Neocortical 40ÂHz oscillations during carbacholâ€induced rapid eye movement sleep and cataplexy. European Journal of Neuroscience, 2016, 43, 580-589.	1.2	27
20	Coherent neocortical gamma oscillations decrease during REM sleep in the rat. Behavioural Brain Research, 2015, 281, 318-325.	1.2	42
21	Heart rate variability during carbachol-induced REM sleep and cataplexy. Behavioural Brain Research, 2015, 291, 72-79.	1.2	8
22	Inter-hemispheric coherence of neocortical gamma oscillations during sleep and wakefulness. Neuroscience Letters, 2014, 578, 197-202.	1.0	26
23	Wakefulness-promoting role of the inferior colliculus. Behavioural Brain Research, 2013, 256, 82-94.	1.2	10