Matteo Cerri

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8883376/publications.pdf

Version: 2024-02-01

57	1,122	393982	433756
papers	citations	19 h-index	31 g-index

61	61	61	1166
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Inhibition of Neurons in the Central Nervous Pathways for Thermoregulatory Cold Defense Induces a Suspended Animation State in the Rat. Journal of Neuroscience, 2013, 33, 2984-2993.	1.7	89
2	Activation of lateral hypothalamic neurons stimulates brown adipose tissue thermogenesis. Neuroscience, 2005, 135, 627-638.	1.1	77
3	Physical exercise for late-life major depression. British Journal of Psychiatry, 2015, 207, 235-242.	1.7	73
4	The Central Control of Energy Expenditure: Exploiting Torpor for Medical Applications. Annual Review of Physiology, 2017, 79, 167-186.	5.6	63
5	Hibernation for space travel: Impact on radioprotection. Life Sciences in Space Research, 2016, 11, 1-9.	1.2	57
6	Cold Exposure and Sleep in the Rat: Effects on Sleep Architecture and the Electroencephalogram. Sleep, 2005, 28, 694-705.	0.6	53
7	Cold Exposure and Sleep in the Rat: REM Sleep Homeostasis and Body Size. Sleep, 2008, 31, 708-715.	0.6	48
8	Corticotropin releasing factor increases in brown adipose tissue thermogenesis and heart rate through dorsomedial hypothalamus and medullary raphe pallidus. Neuroscience, 2006, 140, 711-721.	1.1	43
9	Thermoregulatory correlates of nausea in rats and musk shrews. Oncotarget, 2014, 5, 1565-1575.	0.8	42
10	Validation of â€˜Somnivoreâ€™, a Machine Learning Algorithm for Automated Scoring and Analysis of Polysomnography Data. Frontiers in Neuroscience, 2019, 13, 207.	1.4	38
11	câ€Fos expression in preoptic nuclei as a marker of sleep rebound in the rat. European Journal of Neuroscience, 2009, 30, 651-661.	1.2	34
12	Cutaneous vasodilation elicited by disinhibition of the caudal portion of the rostral ventromedial medulla of the free-behaving rat. Neuroscience, 2010, 165, 984-995.	1.1	31
13	Hibernation and Radioprotection: Gene Expression in the Liver and Testicle of Rats Irradiated under Synthetic Torpor. International Journal of Molecular Sciences, 2019, 20, 352.	1.8	26
14	Neural control of fasting-induced torpor in mice. Scientific Reports, 2019, 9, 15462.	1.6	26
15	Is Adenosine Action Common Ground for NREM Sleep, Torpor, and Other Hypometabolic States?. Physiology, 2018, 33, 182-196.	1.6	25
16	The Direct Cooling of the Preoptic-Hypothalamic Area Elicits the Release of Thyroid Stimulating Hormone during Wakefulness but Not during REM Sleep. PLoS ONE, 2014, 9, e87793.	1.1	24
17	REM Sleep and Endothermy: Potential Sites and Mechanism of a Reciprocal Interference. Frontiers in Physiology, 2017, 8, 624.	1.3	23
18	Automating cell counting in fluorescent microscopy through deep learning with c-ResUnet. Scientific Reports, 2021, 11, 22920.	1.6	23

#	Article	IF	Citations
19	Enhanced Slow-Wave EEG Activity and Thermoregulatory Impairment following the Inhibition of the Lateral Hypothalamus in the Rat. PLoS ONE, 2014, 9, e112849.	1.1	22
20	Effects of chronic exposure to radiofrequency electromagnetic fields on energy balance in developing rats. Environmental Science and Pollution Research, 2013, 20, 2735-2746.	2.7	20
21	Provocative motion causes fall in brain temperature and affects sleep in rats. Experimental Brain Research, 2014, 232, 2591-2599.	0.7	20
22	Phosphorylation and Dephosphorylation of Tau Protein During Synthetic Torpor. Frontiers in Neuroanatomy, 2019, 13, 57.	0.9	20
23	Loss of Snord116 impacts lateral hypothalamus, sleep, and food-related behaviors. JCI Insight, 2020, 5, .	2.3	19
24	Lithium affects REM sleep occurrence, autonomic activity and brain second messengers in the ratâ˜†. Behavioural Brain Research, 2008, 187, 254-261.	1.2	18
25	Waking and sleeping in the rat made obese through a high-fat hypercaloric diet. Behavioural Brain Research, 2014, 258, 145-152.	1.2	15
26	Be cool to be far: Exploiting hibernation for space exploration. Neuroscience and Biobehavioral Reviews, 2021, 128, 218-232.	2.9	15
27	Hypothalamic osmoregulation is maintained across the wake-sleep cycle in the rat. Journal of Sleep Research, 2010, 19, 394-399.	1.7	14
28	Specific changes in cerebral second messenger accumulation underline REM sleep inhibition induced by the exposure to low ambient temperature. Brain Research, 2004, 1022, 62-70.	1.1	13
29	Waking and Sleeping following Water Deprivation in the Rat. PLoS ONE, 2012, 7, e46116.	1.1	12
30	Loss of Snord116 alters cortical neuronal activity in mice: a preclinical investigation of Praderâ€“Willi syndrome. Human Molecular Genetics, 2020, 29, 2051-2064.	1.4	12
31	Hibernation as a Tool for Radiation Protection in Space Exploration. Life, 2021, 11, 54.	1.1	12
32	Sleep and bodily functions: the physiological interplay between body homeostasis and sleep homeostasis. Archives Italiennes De Biologie, 2015, 152, 66-78.	0.1	12
33	Changes in EEG activity and hypothalamic temperature as indices for non-REM sleep to REM sleep transitions. Neuroscience Letters, 2005, 383, 182-187.	1.0	11
34	Phosphorylated Tau protein in the myenteric plexus of the ileum and colon of normothermic rats and during synthetic torpor. Cell and Tissue Research, 2021, 384, 287-299.	1.5	11
35	Consciousness in hibernation and synthetic torpor. Journal of Integrative Neuroscience, 2017, 16, S19-S26.	0.8	9
36	Potential role of the gut microbiota in synthetic torpor and therapeutic hypothermia. World Journal of Gastroenterology, 2017, 23, 406.	1.4	9

#	Article	IF	Citations
37	Thermoregulation and Sleep: Functional Interaction and Central Nervous Control. , 2021, 11, 1591-1604.		8
38	Cold exposure impairs dark-pulse capacity to induce REM sleep in the albino rat. Journal of Sleep Research, 2008, 17, 166-179.	1.7	7
39	The physiological signature of daily torpor is not orexin dependent. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2020, 190, 493-507.	0.7	7
40	Reversible Tau Phosphorylation Induced by Synthetic Torpor in the Spinal Cord of the Rat. Frontiers in Neuroanatomy, 2021, 15, 592288.	0.9	7
41	Wake-sleep and cardiovascular regulatory changes in rats made obese by a high-fat diet. Behavioural Brain Research, 2017, 320, 347-355.	1.2	6
42	c-Fos expression in the limbic thalamus following thermoregulatory and wakeâ€“sleep changes in the rat. Experimental Brain Research, 2019, 237, 1397-1407.	0.7	4
43	Wake-sleep, thermoregulatory, and autonomic effect of cholinergic activation of the lateral hypothalamus in the rat: a pilot study. Archives Italiennes De Biologie, 2015, 153, 67-76.	0.1	4
44	Two surgical techniques are better than one: RAVAS and RAPID are answers for the same issue. American Journal of Transplantation, 2021, 21, 905-906.	2.6	3
45	Mitochondrial respiration in rats during hypothermia resulting from central drug administration. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2022, 192, 349.	0.7	3
46	Overview of Physiological Processes During Sleep. , 2013, , 385-389.		2
47	St. Catherine of Siena (1347â€“1380 AD): one of the earliest historic cases of altered gustatory perception in anorexia mirabilis. Neurological Sciences, 2018, 39, 939-940.	0.9	2
48	Manipulative evidence and medical interventions: some qualifications. History and Philosophy of the Life Sciences, 2020, 42, 15.	0.6	2
49	Physical Exercise for Late-Life Major Depression. Focus (American Psychiatric Publishing), 2021, 19, 365-373.	0.4	2
50	Autonomic effects induced by pharmacological activation and inhibition of Raphe Pallidus neurons in anaesthetized adult pigs. Clinical and Experimental Pharmacology and Physiology, 2020, 47, 281-285.	0.9	1
51	Venous outflow in partial heterotopic liver transplantation with spleen replacement: Evidence of no chronic venous hypertension. American Journal of Transplantation, 2022, 22, 664-665.	2.6	1
52	Hibernation and Torpor: Prospects for Human Spaceflight. , 2018, , 1-15.		1
53	Overview of physiological processes during sleep. , 2021, , .		1
54	Effects of the activation of the orexin receptors within the Raphe Pallidus at different ambient temperatures in the free behaving rat. Autonomic Neuroscience: Basic and Clinical, 2015, 192, 63.	1.4	0

#	Article	IF	Citations
55	More Wake, Less Stroke. Sleep, 2015, 38, 1671-1672.	0.6	0
56	Sleep in Prader-Willi mouse mutants: the effects of pitolisant. Sleep Medicine, 2019, 64, S288-S289.	0.8	0
57	Electroencephalographic effects of RVMM inhibition in freeâ€behaving rats. FASEB Journal, 2010, 24, 992.4.	0.2	0