

Matteo Cerri

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,122
citations

393982

19
h-index

433756

31
g-index

61
all docs

61
docs citations

61
times ranked

1166
citing authors

#	ARTICLE	IF	CITATIONS
1	Venous outflow in partial heterotopic liver transplantation with spleen replacement: Evidence of no chronic venous hypertension. <i>American Journal of Transplantation</i> , 2022, 22, 664-665.	2.6	1
2	Mitochondrial respiration in rats during hypothermia resulting from central drug administration. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2022, 192, 349.	0.7	3
3	Two surgical techniques are better than one: RAVAS and RAPID are answers for the same issue. <i>American Journal of Transplantation</i> , 2021, 21, 905-906.	2.6	3
4	Phosphorylated Tau protein in the myenteric plexus of the ileum and colon of normothermic rats and during synthetic torpor. <i>Cell and Tissue Research</i> , 2021, 384, 287-299.	1.5	11
5	Reversible Tau Phosphorylation Induced by Synthetic Torpor in the Spinal Cord of the Rat. <i>Frontiers in Neuroanatomy</i> , 2021, 15, 592288.	0.9	7
6	Thermoregulation and Sleep: Functional Interaction and Central Nervous Control. , 2021, 11, 1591-1604.		8
7	Physical Exercise for Late-Life Major Depression. <i>Focus (American Psychiatric Publishing)</i> , 2021, 19, 365-373.	0.4	2
8	Be cool to be far: Exploiting hibernation for space exploration. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 128, 218-232.	2.9	15
9	Hibernation as a Tool for Radiation Protection in Space Exploration. <i>Life</i> , 2021, 11, 54.	1.1	12
10	Overview of physiological processes during sleep. , 2021, , .		1
11	Automating cell counting in fluorescent microscopy through deep learning with c-ResUnet. <i>Scientific Reports</i> , 2021, 11, 22920.	1.6	23
12	Autonomic effects induced by pharmacological activation and inhibition of Raphe Pallidus neurons in anaesthetized adult pigs. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020, 47, 281-285.	0.9	1
13	Loss of Snord116 alters cortical neuronal activity in mice: a preclinical investigation of Prader-Willi syndrome. <i>Human Molecular Genetics</i> , 2020, 29, 2051-2064.	1.4	12
14	The physiological signature of daily torpor is not orexin dependent. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2020, 190, 493-507.	0.7	7
15	Manipulative evidence and medical interventions: some qualifications. <i>History and Philosophy of the Life Sciences</i> , 2020, 42, 15.	0.6	2
16	Loss of Snord116 impacts lateral hypothalamus, sleep, and food-related behaviors. <i>JCI Insight</i> , 2020, 5, .	2.3	19
17	Phosphorylation and Dephosphorylation of Tau Protein During Synthetic Torpor. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 57.	0.9	20
18	Hibernation and Radioprotection: Gene Expression in the Liver and Testicle of Rats Irradiated under Synthetic Torpor. <i>International Journal of Molecular Sciences</i> , 2019, 20, 352.	1.8	26

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19	c-Fos expression in the limbic thalamus following thermoregulatory and wake-sleep changes in the rat. <i>Experimental Brain Research</i> , 2019, 237, 1397-1407.	0.7	4
20	Validation of "Somnivre"™, a Machine Learning Algorithm for Automated Scoring and Analysis of Polysomnography Data. <i>Frontiers in Neuroscience</i> , 2019, 13, 207.	1.4	38
21	Neural control of fasting-induced torpor in mice. <i>Scientific Reports</i> , 2019, 9, 15462.	1.6	26
22	Sleep in Prader-Willi mouse mutants: the effects of pitolisant. <i>Sleep Medicine</i> , 2019, 64, S288-S289.	0.8	0
23	St. Catherine of Siena (1347-1380 AD): one of the earliest historic cases of altered gustatory perception in anorexia mirabilis. <i>Neurological Sciences</i> , 2018, 39, 939-940.	0.9	2
24	Is Adenosine Action Common Ground for NREM Sleep, Torpor, and Other Hypometabolic States?. <i>Physiology</i> , 2018, 33, 182-196.	1.6	25
25	Hibernation and Torpor: Prospects for Human Spaceflight. , 2018, , 1-15.		1
26	Wake-sleep and cardiovascular regulatory changes in rats made obese by a high-fat diet. <i>Behavioural Brain Research</i> , 2017, 320, 347-355.	1.2	6
27	Consciousness in hibernation and synthetic torpor. <i>Journal of Integrative Neuroscience</i> , 2017, 16, S19-S26.	0.8	9
28	The Central Control of Energy Expenditure: Exploiting Torpor for Medical Applications. <i>Annual Review of Physiology</i> , 2017, 79, 167-186.	5.6	63
29	REM Sleep and Endothermy: Potential Sites and Mechanism of a Reciprocal Interference. <i>Frontiers in Physiology</i> , 2017, 8, 624.	1.3	23
30	Potential role of the gut microbiota in synthetic torpor and therapeutic hypothermia. <i>World Journal of Gastroenterology</i> , 2017, 23, 406.	1.4	9
31	Hibernation for space travel: Impact on radioprotection. <i>Life Sciences in Space Research</i> , 2016, 11, 1-9.	1.2	57
32	Effects of the activation of the orexin receptors within the Raphe Pallidus at different ambient temperatures in the free behaving rat. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 192, 63.	1.4	0
33	More Wake, Less Stroke. <i>Sleep</i> , 2015, 38, 1671-1672.	0.6	0
34	Physical exercise for late-life major depression. <i>British Journal of Psychiatry</i> , 2015, 207, 235-242.	1.7	73
35	Sleep and bodily functions: the physiological interplay between body homeostasis and sleep homeostasis. <i>Archives Italiennes De Biologie</i> , 2015, 152, 66-78.	0.1	12
36	Wake-sleep, thermoregulatory, and autonomic effect of cholinergic activation of the lateral hypothalamus in the rat: a pilot study. <i>Archives Italiennes De Biologie</i> , 2015, 153, 67-76.	0.1	4

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37	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
38	Provocative motion causes fall in brain temperature and affects sleep in rats. Experimental Brain Research, 2014, 232, 2591-2599.	0.7	20
39	Waking and sleeping in the rat made obese through a high-fat hypercaloric diet. Behavioural Brain Research, 2014, 258, 145-152.	1.2	15
40	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
41	Thermoregulatory correlates of nausea in rats and musk shrews. Oncotarget, 2014, 5, 1565-1575.	0.8	42
42	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
43	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
44	Overview of Physiological Processes During Sleep. , 2013, , 385-389.		2
45	Waking and Sleeping following Water Deprivation in the Rat. PLoS ONE, 2012, 7, e46116.	1.1	12
46	Hypothalamic osmoregulation is maintained across the wake-sleep cycle in the rat. Journal of Sleep Research, 2010, 19, 394-399.	1.7	14
47	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
48	Electroencephalographic effects of RVMM inhibition in free-behaving rats. FASEB Journal, 2010, 24, 992.4.	0.2	0
49	c-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
50	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
51	Lithium affects REM sleep occurrence, autonomic activity and brain second messengers in the rat. Behavioural Brain Research, 2008, 187, 254-261.	1.2	18
52	Cold Exposure and Sleep in the Rat: REM Sleep Homeostasis and Body Size. Sleep, 2008, 31, 708-715.	0.6	48
53	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
54	Cold Exposure and Sleep in the Rat: Effects on Sleep Architecture and the Electroencephalogram. Sleep, 2005, 28, 694-705.	0.6	53

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55	Changes in EEG activity and hypothalamic temperature as indices for non-REM sleep to REM sleep transitions. <i>Neuroscience Letters</i> , 2005, 383, 182-187.	1.0	11
56	Activation of lateral hypothalamic neurons stimulates brown adipose tissue thermogenesis. <i>Neuroscience</i> , 2005, 135, 627-638.	1.1	77
57	Specific changes in cerebral second messenger accumulation underline REM sleep inhibition induced by the exposure to low ambient temperature. <i>Brain Research</i> , 2004, 1022, 62-70.	1.1	13