

Giovanna Zoccoli

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

1,426
citations

377584

21
h-index

445137

33
g-index

74
all docs

74
docs citations

74
times ranked

1654
citing authors

#	ARTICLE	IF	CITATIONS
1	Pilot Study of the Effects of Chronic Intracerebroventricular Infusion of Human Anti-IgLON5 Disease Antibodies in Mice. <i>Cells</i> , 2022, 11, 1024.	1.8	6
2	Tibialis anterior electromyographic bursts during sleep in histamine-deficient mice. <i>Journal of Sleep Research</i> , 2021, 30, e13255.	1.7	1
3	Physiological Changes in the Autonomic Nervous System During Sleep. , 2021, , 43-50.		0
4	Autonomic mechanisms of blood pressure alterations during sleep in orexin/hypocretin-deficient narcoleptic mice. <i>Sleep</i> , 2021, 44, .	0.6	7
5	Orexin/Hypocretin and Histamine Cross-Talk on Hypothalamic Neuron Counts in Mice. <i>Frontiers in Neuroscience</i> , 2021, 15, 660518.	1.4	4
6	Obstructive sleep apneas naturally occur in mice during REM sleep and are highly prevalent in a mouse model of Down syndrome. <i>Neurobiology of Disease</i> , 2021, 159, 105508.	2.1	8
7	Overview of physiological processes during sleep. , 2021, , .		1
8	Sleep and the peripheral vascular system. , 2021, , .		0
9	Early-life nicotine or cotinine exposure produces long-lasting sleep alterations and downregulation of hippocampal corticosteroid receptors in adult mice. <i>Scientific Reports</i> , 2021, 11, 23897.	1.6	5
10	Stress & sleep: A relationship lasting a lifetime. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 65-77.	2.9	106
11	Sleep and autonomic nervous system. <i>Current Opinion in Physiology</i> , 2020, 15, 128-133.	0.9	34
12	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
13	Loss of Snord116 impacts lateral hypothalamus, sleep, and food-related behaviors. <i>JCI Insight</i> , 2020, 5, .	2.3	19
14	Effect of ambient temperature on sleep breathing phenotype in mice: the role of orexins. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	7
15	Validation of "Somnivore"™, a Machine Learning Algorithm for Automated Scoring and Analysis of Polysomnography Data. <i>Frontiers in Neuroscience</i> , 2019, 13, 207.	1.4	38
16	Post-sigh sleep apneas in mice: Systematic review and data-driven definition. <i>Journal of Sleep Research</i> , 2019, 28, e12845.	1.7	7
17	Neural control of fasting-induced torpor in mice. <i>Scientific Reports</i> , 2019, 9, 15462.	1.6	26
18	CDKL5 protein substitution therapy rescues neurological phenotypes of a mouse model of CDKL5 disorder. <i>Human Molecular Genetics</i> , 2018, 27, 1572-1592.	1.4	49

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19	Modulation of sympathetic vasoconstriction is critical for the effects of sleep on arterial pressure in mice. <i>Journal of Physiology</i> , 2018, 596, 591-608.	1.3	14
20	Long-term cardiovascular reprogramming by short-term perinatal exposure to nicotine's main metabolite cotinine. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 638-646.	0.7	7
21	Mice overexpressing lamin B1 in oligodendrocytes recapitulate the age-dependent motor signs, but not the early autonomic cardiovascular dysfunction of autosomal-dominant leukodystrophy (ADLD). <i>Experimental Neurology</i> , 2018, 301, 1-12.	2.0	11
22	Sleep and Tibialis Anterior Muscle Activity in Mice With Mild Hypoxia and Iron Deficiency: Implications for the Restless Legs Syndrome. <i>Frontiers in Physiology</i> , 2018, 9, 1818.	1.3	6
23	Changes in blood glucose as a function of body temperature in laboratory mice: implications for daily torpor. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E662-E670.	1.8	18
24	Heterozygous CDKL5 Knockout Female Mice Are a Valuable Animal Model for CDKL5 Disorder. <i>Neural Plasticity</i> , 2018, 2018, 1-18.	1.0	39
25	Is Adenosine Action Common Ground for NREM Sleep, Torpor, and Other Hypometabolic States?. <i>Physiology</i> , 2018, 33, 182-196.	1.6	25
26	Accurate discrimination of the wake-sleep states of mice using non-invasive whole-body plethysmography. <i>Scientific Reports</i> , 2017, 7, 41698.	1.6	41
27	Muscle Activity During Sleep in Human Subjects, Rats, and Mice: Towards Translational Models of REM Sleep Without Atonia. <i>Sleep</i> , 2017, 40, .	0.6	13
28	<scp>CDKL</scp>5 deficiency entails sleep apneas in mice. <i>Journal of Sleep Research</i> , 2017, 26, 495-497.	1.7	32
29	High-amplitude theta wave bursts characterizing narcoleptic mice and patients are also produced by histamine deficiency in mice. <i>Journal of Sleep Research</i> , 2016, 25, 591-595.	1.7	4
30	Physiological time structure of the tibialis anterior motor activity during sleep in mice, rats and humans. <i>Journal of Sleep Research</i> , 2015, 24, 695-701.	1.7	13
31	Histamine Transmission Modulates the Phenotype of Murine Narcolepsy Caused by Orexin Neuron Deficiency. <i>PLoS ONE</i> , 2015, 10, e0140520.	1.1	14
32	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
33	Recent development in automatic scoring of rodent sleep. <i>Archives Italiennes De Biologie</i> , 2015, 153, 58-66.	0.1	7
34	High amplitude theta wave bursts: a novel electroencephalographic feature of rem sleep and cataplexy. <i>Archives Italiennes De Biologie</i> , 2015, 153, 77-86.	0.1	3
35	Multiple Sleep Alterations in Mice Lacking Cannabinoid Type 1 Receptors. <i>PLoS ONE</i> , 2014, 9, e89432.	1.1	29
36	Cardiorespiratory Anomalies in Mice Lacking CB1 Cannabinoid Receptors. <i>PLoS ONE</i> , 2014, 9, e100536.	1.1	26

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37	A critical role of hypocretin deficiency in pregnancy. <i>Journal of Sleep Research</i> , 2014, 23, 186-188.	1.7	6
38	Sleep and cardiovascular phenotype in middle-aged hypocretin-deficient narcoleptic mice. <i>Journal of Sleep Research</i> , 2014, 23, 98-106.	1.7	28
39	SCOPRISM: A new algorithm for automatic sleep scoring in mice. <i>Journal of Neuroscience Methods</i> , 2014, 235, 277-284.	1.3	41
40	Low power wireless ultra-wide band transmission of bio-signals. <i>Journal of Instrumentation</i> , 2014, 9, C12002-C12002.	0.5	3
41	Treating hypertension by targeting orexin receptors: potential effects on the sleep-related blood pressure dipping profile. <i>Journal of Physiology</i> , 2013, 591, 6115-6116.	1.3	2
42	Control of cardiovascular variability during undisturbed wake-sleep behavior in hypocretin-deficient mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 302, R958-R964.	0.9	21
43	Mice Show Circadian Rhythms of Blood Pressure During Each Wake-Sleep State. <i>Chronobiology International</i> , 2012, 29, 82-86.	0.9	26
44	Effects of Ambient Temperature on Sleep and Cardiovascular Regulation in Mice: The Role of Hypocretin/Orexin Neurons. <i>PLoS ONE</i> , 2012, 7, e47032.	1.1	58
45	High-amplitude theta wave bursts during REM sleep and cataplexy in hypocretin-deficient narcoleptic mice. <i>Journal of Sleep Research</i> , 2012, 21, 185-188.	1.7	20
46	Autonomic disturbances in narcolepsy. <i>Sleep Medicine Reviews</i> , 2011, 15, 187-196.	3.8	73
47	Sleep Related Changes in Blood Pressure in Hypocretin-Deficient Narcoleptic Mice. <i>Sleep</i> , 2011, 34, 213-218.	0.6	75
48	The Hypothalamus and Its Functions. , 2011, , 191-203.		4
49	Central and baroreflex control of heart period during the wake-sleep cycle in consomic rats with different genetic susceptibility to hypertension. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010, 37, 322-327.	0.9	7
50	Dysregulation of Heart Rhythm During Sleep in Leptin-Deficient Obese Mice. <i>Sleep</i> , 2010, 33, 355-361.	0.6	17
51	Sleep Modulates Hypertension in Leptin-Deficient Obese Mice. <i>Hypertension</i> , 2009, 53, 251-255.	1.3	51
52	The baroreflex contribution to spontaneous heart rhythm assessed with a mathematical model in rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2008, 138, 24-30.	1.4	5
53	Sleep-dependent changes in the coupling between heart period and blood pressure in human subjects. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R1686-R1692.	0.9	52
54	Surges of Arterial Pressure During REM Sleep in Spontaneously Hypertensive Rats. <i>Sleep</i> , 2008, 31, 111-117.	0.6	17

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55	Central and baroreflex control of heart period during the wake-sleep cycle in spontaneously hypertensive rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R293-R298.	0.9	18
56	Sleep-dependent changes in cerebral oxygen consumption in newborn lambs. <i>Journal of Sleep Research</i> , 2006, 15, 206-211.	1.7	16
57	Sympathetic nervous control of the cerebral circulation in sleep. <i>Journal of Sleep Research</i> , 2005, 14, 275-283.	1.7	19
58	Sleep-Related Brain Activation Does Not Increase the Permeability of the Blood-Brain Barrier to Glucose. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 990-997.	2.4	11
59	Sleep-Dependent Changes in the Coupling Between Heart Period and Arterial Pressure in Newborn Lambs. <i>Pediatric Research</i> , 2005, 57, 108-114.	1.1	29
60	Sleep-dependent changes in the cerebral metabolic rate of oxygen consumption in newborn lambs. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, S85-S85.	2.4	2
61	Sleep-Related Changes in the Regulation of Cerebral Blood Flow in Newborn Lambs. <i>Sleep</i> , 2004, 27, 36-41.	0.6	12
62	Brain capillary perfusion in the spontaneously hypertensive rat during the wake-sleep cycle. <i>Experimental Brain Research</i> , 2004, 154, 44-49.	0.7	6
63	Effects of Acoustic Stimulation on Cardiovascular Regulation During Sleep. <i>Sleep</i> , 2003, 26, 201-205.	0.6	23
64	The cerebral circulation during sleep: regulation mechanisms and functional implications. <i>Sleep Medicine Reviews</i> , 2002, 6, 443-455.	3.8	47
65	Density of perfused brain capillaries in the aged rat during the wake-sleep cycle. <i>Experimental Brain Research</i> , 2000, 130, 73-77.	0.7	9
66	Interindividual differences in the thermoregulatory response to cool exposure in sleeping neonates. <i>European Journal of Applied Physiology</i> , 2000, 81, 455-462.	1.2	17
67	Brain Capillary Perfusion during Sleep. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1996, 16, 1312-1318.	2.4	20
68	Brain blood flow and extracerebral carotid circulation during sleep in rat. <i>Brain Research</i> , 1994, 641, 46-50.	1.1	21
69	Spinal cord blood flow changes during the sleep-wake cycle in rat. <i>Neuroscience Letters</i> , 1993, 163, 173-176.	1.0	7
70	Shivering during sleep: Relationship between muscle blood flow and fiber type composition. <i>Experientia</i> , 1992, 48, 228-230.	1.2	15
71	Regional splanchnic blood flow during sleep in the rabbit. <i>Pflugers Archiv European Journal of Physiology</i> , 1990, 415, 594-597.	1.3	8