

Stefano Bastianini

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

984
citations

394390

19
h-index

477281

29
g-index

50
all docs

50
docs citations

50
times ranked

1140
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.	4.1	6
2	Tibialis anterior electromyographic bursts during sleep in histamine-deficient mice. <i>Journal of Sleep Research</i> , 2021, 30, e13255.	3.2	1
3	Autonomic mechanisms of blood pressure alterations during sleep in orexin/hypocretin-deficient narcoleptic mice. <i>Sleep</i> , 2021, 44, .	1.1	7
4	Orexin/Hypocretin and Histamine Cross-Talk on Hypothalamic Neuron Counts in Mice. <i>Frontiers in Neuroscience</i> , 2021, 15, 660518.	2.8	4
5	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.	4.4	8
6	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.	3.3	5
7	Stress & sleep: A relationship lasting a lifetime. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 65-77.	6.1	106
8	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.	1.9	1
9	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.	1.5	7
10	Effect of ambient temperature on sleep breathing phenotype in mice: the role of orexins. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	7
11	Validation of "Somnivore"™, a Machine Learning Algorithm for Automated Scoring and Analysis of Polysomnography Data. <i>Frontiers in Neuroscience</i> , 2019, 13, 207.	2.8	38
12	Post-sigh sleep apneas in mice: Systematic review and data-driven definition. <i>Journal of Sleep Research</i> , 2019, 28, e12845.	3.2	7
13	Neural control of fasting-induced torpor in mice. <i>Scientific Reports</i> , 2019, 9, 15462.	3.3	26
14	CDKL5 protein substitution therapy rescues neurological phenotypes of a mouse model of CDKL5 disorder. <i>Human Molecular Genetics</i> , 2018, 27, 1572-1592.	2.9	49
15	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.	2.9	14
16	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.	1.5	7
17	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.	4.1	11
18	Clinical implications of basic research. <i>Clinical and Translational Neuroscience</i> , 2018, 2, 2514183X1878932.	0.9	8

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19	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.	2.8	6
20	Heterozygous CDKL5 Knockout Female Mice Are a Valuable Animal Model for CDKL5 Disorder. <i>Neural Plasticity</i> , 2018, 2018, 1-18.	2.2	39
21	Accurate discrimination of the wake-sleep states of mice using non-invasive whole-body plethysmography. <i>Scientific Reports</i> , 2017, 7, 41698.	3.3	41
22	Muscle Activity During Sleep in Human Subjects, Rats, and Mice: Towards Translational Models of REM Sleep Without Atonia. <i>Sleep</i> , 2017, 40, .	1.1	13
23	<scp>CDKL</scp>5 deficiency entails sleep apneas in mice. <i>Journal of Sleep Research</i> , 2017, 26, 495-497.	3.2	32
24	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.	3.2	4
25	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.	3.2	13
26	Histamine Transmission Modulates the Phenotype of Murine Narcolepsy Caused by Orexin Neuron Deficiency. <i>PLoS ONE</i> , 2015, 10, e0140520.	2.5	14
27	Sleep and bodily functions: the physiological interplay between body homeostasis and sleep homeostasis. <i>Archives Italiennes De Biologie</i> , 2015, 152, 66-78.	0.4	12
28	Recent development in automatic scoring of rodent sleep. <i>Archives Italiennes De Biologie</i> , 2015, 153, 58-66.	0.4	7
29	High amplitude theta wave bursts: a novel electroencephalographic feature of rem sleep and cataplexy. <i>Archives Italiennes De Biologie</i> , 2015, 153, 77-86.	0.4	3
30	Multiple Sleep Alterations in Mice Lacking Cannabinoid Type 1 Receptors. <i>PLoS ONE</i> , 2014, 9, e89432.	2.5	29
31	Cardiorespiratory Anomalies in Mice Lacking CB1 Cannabinoid Receptors. <i>PLoS ONE</i> , 2014, 9, e100536.	2.5	26
32	A critical role of hypocretin deficiency in pregnancy. <i>Journal of Sleep Research</i> , 2014, 23, 186-188.	3.2	6
33	Sleep and cardiovascular phenotype in middle-aged hypocretin-deficient narcoleptic mice. <i>Journal of Sleep Research</i> , 2014, 23, 98-106.	3.2	28
34	SCOPRISM: A new algorithm for automatic sleep scoring in mice. <i>Journal of Neuroscience Methods</i> , 2014, 235, 277-284.	2.5	41
35	Low power wireless ultra-wide band transmission of bio-signals. <i>Journal of Instrumentation</i> , 2014, 9, C12002-C12002.	1.2	3
36	A 0.18 μ m CMOS low-power radiation sensor for asynchronous event-driven UWB wireless transmission. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 730, 105-110.	1.6	5

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37	Cardiovascular variability as a function of sleep-wake behaviour in narcolepsy with cataplexy. <i>Journal of Sleep Research</i> , 2013, 22, 178-184.	3.2	28
38	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.	2.9	2
39	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.	1.8	21
40	Mice Show Circadian Rhythms of Blood Pressure During Each Wake-Sleep State. <i>Chronobiology International</i> , 2012, 29, 82-86.	2.0	26
41	Effects of Ambient Temperature on Sleep and Cardiovascular Regulation in Mice: The Role of Hypocretin/Orexin Neurons. <i>PLoS ONE</i> , 2012, 7, e47032.	2.5	58
42	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.	3.2	20
43	Mathematical modeling of cardiovascular coupling: Central autonomic commands and baroreflex control. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011, 162, 66-71.	2.8	44
44	Sleep Related Changes in Blood Pressure in Hypocretin-Deficient Narcoleptic Mice. <i>Sleep</i> , 2011, 34, 213-218.	1.1	75
45	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.	1.9	7
46	Dysregulation of Heart Rhythm During Sleep in Leptin-Deficient Obese Mice. <i>Sleep</i> , 2010, 33, 355-361.	1.1	17
47	Sleep Modulates Hypertension in Leptin-Deficient Obese Mice. <i>Hypertension</i> , 2009, 53, 251-255.	2.7	51