

RubÃ©n V Rial

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

672
citations

687220

13
h-index

642610

23
g-index

25
all docs

25
docs citations

25
times ranked

835
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-linear behaviour of human EEG: fractal exponent versus correlation dimension in awake and sleep stages. <i>Neuroscience Letters</i> , 1998, 250, 91-94.	1.0	171
2	Assessment of changing interdependencies between human electroencephalograms using nonlinear methods. <i>Physica D: Nonlinear Phenomena</i> , 2001, 148, 147-158.	1.3	76
3	Evolution of wakefulness, sleep and hibernation: From reptiles to mammals. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 1144-1160.	2.9	49
4	Interhemispheric differences in awake and sleep human EEG: a comparison between non-linear and spectral measures. <i>Neuroscience Letters</i> , 1999, 263, 37-40.	1.0	47
5	Cognitive recovery and restoration of cell proliferation in the dentate gyrus in the 5XFAD transgenic mice model of Alzheimer's disease following 2-hydroxy-DHA treatment. <i>Biogerontology</i> , 2013, 14, 763-775.	2.0	47
6	Melatonin and Tryptophan Affect the Activity-Rest Rhythm, Core and Peripheral Temperatures, and Interleukin Levels in the Ringdove: Changes With Age. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009, 64A, 340-350.	1.7	44
7	Reptilian waking EEG: slow waves, spindles and evoked potentials. <i>Electroencephalography and Clinical Neurophysiology</i> , 1994, 90, 298-303.	0.3	38
8	Chrononutrition: Use of dissociated day/night infant milk formulas to improve the development of the wake-sleep rhythms. Effects of tryptophan. <i>Nutritional Neuroscience</i> , 2007, 10, 137-143.	1.5	38
9	Opposite effects of tryptophan intake on motor activity in ring doves (diurnal) and rats (nocturnal). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2006, 144, 173-179.	0.8	25
10	Age-related changes in circadian rhythm of serotonin synthesis in ring doves: Effects of increased tryptophan ingestion. <i>Experimental Gerontology</i> , 2006, 41, 40-48.	1.2	25
11	Age related changes in the activity-rest circadian rhythms and c-fos expression of ring doves with aging. Effects of tryptophan intake. <i>Experimental Gerontology</i> , 2006, 41, 430-438.	1.2	18
12	Temperature drop and sleep. <i>NeuroReport</i> , 1993, 5, 177-180.	0.6	14
13	The effect of temperature and relative humidity on the gastrointestinal motility of young broiler. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1985, 80, 481-486.	0.7	13
14	Comparing the Behavioural Effects of Exogenous Growth Hormone and Melatonin in Young and Old Wistar Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-17.	1.9	10
15	Effect of thyroidal state on the gastrointestinal transit and emptying of young broilers. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1987, 87, 665-670.	0.7	9
16	Sleep and wakefulness, trivial and non-trivial: Which is which?. <i>Sleep Medicine Reviews</i> , 2007, 11, 411-417.	3.8	8
17	Gastrointestinal transit and emptying in fed and fasted chickens. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1985, 82, 329-332.	0.7	7
18	Main Trends in Rectal Temperature during Sleep. <i>Neuropsychobiology</i> , 1997, 35, 84-90.	0.9	6

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19	Human Sleep Apneas and Animal Diving Reflexes: The Comparative Link. <i>Sleep and Breathing</i> , 2000, 4, 33-43.	0.9	6
20	Asymmetric sleep in rats. <i>Laterality</i> , 2012, 17, 1-17.	0.5	6
21	Autonomic mediation of the interdependence between variability signals of heart rate and blood pressure in the lizard <i>Gallotia galloti</i> . <i>Canadian Journal of Zoology</i> , 2012, 90, 839-848.	0.4	5
22	Mammalian sleep may have no adaptive advantage over simple activity-rest cycles. <i>Medical Hypotheses</i> , 2005, 64, 130-132.	0.8	3
23	ANIMAL SLEEP: PHYLOGENETIC CORRELATIONS. , 2005, , 207-245.		3
24	The evolution of wakefulness: From reptiles to mammals. , 2001, , 172-196.		2
25	The Birth of the Mammalian Sleep. <i>Biology</i> , 2022, 11, 734.	1.3	2