

Muniyandi Singaravel

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Variability of behavioral chronotypes of 16 mammalian species under controlled conditions. <i>Physiology and Behavior</i> , 2016, 161, 53-59.	2.1	33
2	Sirtuins and the circadian clock interplay in cardioprotection: focus on sirtuin 1. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 2503-2515.	5.4	32
3	Relationship between light intensity and phase resetting in a mammalian circadian system. , 1999, 283, 181-185.		21
4	Relationship Between Period and Phase Angle Differences in <i>Mus booduga</i> Under Abrupt Versus Gradual Light-Dark Transitions. <i>Die Naturwissenschaften</i> , 1998, 85, 183-186.	1.6	20
5	In the field mouse <i>Mus booduga</i> melatonin phase response curves (PRCs) have a different time course and wave form relative to light PRC. <i>Journal of Pineal Research</i> , 1999, 26, 153-157.	7.4	15
6	Circadian rhythm disruption: health consequences. <i>Biological Rhythm Research</i> , 2016, 47, 191-213.	0.9	14
7	Timely Administration of Melatonin Accelerates Reentrainment to Phase-Shifted Light-Dark Cycles in the Field Mouse <i>Mus Booduga</i> . <i>Chronobiology International</i> , 1999, 16, 163-170.	2.0	13
8	l-5-hydroxytryptophan resets the circadian locomotor activity rhythm of the nocturnal Indian pygmy field mouse, <i>Mus terricolor</i> . <i>Die Naturwissenschaften</i> , 2012, 99, 233-239.	1.6	10
9	Differential response of diurnal and nocturnal mammals to prolonged altered light-dark cycle: a possible role of mood associated endocrine, inflammatory and antioxidant system. <i>Chronobiology International</i> , 2021, 38, 1618-1630.	2.0	9
10	Wheel-running activity rhythms and masking responses in the diurnal palm squirrel, <i>Funambulus pennantii</i> . <i>Chronobiology International</i> , 2020, 37, 1693-1708.	2.0	8
11	Ultraviolet Light-Induced Phase Response Curve for the Locomotor Activity Rhythm of the Field Mouse <i>Mus booduga</i> . <i>Die Naturwissenschaften</i> , 1999, 86, 96-97.	1.6	6
12	Phase and period responses to short light pulses in a wild diurnal rodent, <i>Funambulus pennanti</i> . <i>Chronobiology International</i> , 2014, 31, 320-327.	2.0	6
13	Accurate and precise circadian locomotor activity rhythms in male and female Indian pygmy field mice, <i>Mus terricolor</i> . <i>Biological Rhythm Research</i> , 2013, 44, 531-539.	0.9	5
14	Melatonin-induced phase and dose responses in a diurnal mammal, <i>Funambulus pennantii</i> . <i>Chronobiology International</i> , 2020, 37, 641-651.	2.0	5
15	Gender difference in circadian clock responses for social interaction with conspecific of the opposite-sex. <i>Chronobiology International</i> , 2021, 38, 212-223.	2.0	5
16	Effect of chronic jet lag after induction of Dalton's lymphoma in male and female mice. <i>Biological Rhythm Research</i> , 2012, 43, 331-339.	0.9	4
17	Potential of light-induced phase shifts by 5-hydroxy-L-tryptophan in Pygmy field mice: a preliminary report. <i>Biological Rhythm Research</i> , 2013, 44, 569-575.	0.9	3
18	Acceleration of re-entrainment during a 6-h acute jet lag simulation by 5-hydroxy-l-tryptophan in pygmy field mice. <i>Biological Rhythm Research</i> , 2013, 44, 856-861.	0.9	3

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19	Chronic altered light-dark cycle differentially affects hippocampal CA1 and DG neuronal arborization in diurnal and nocturnal rodents. <i>Chronobiology International</i> , 2022, 39, 665-677.	2.0	3
20	Effect of induced Dalton's lymphoma on circadian locomotor activity rhythm of adult male mice. <i>Biological Rhythm Research</i> , 2012, 43, 215-223.	0.9	2
21	Risperidone resets the circadian clock in mice. <i>Biological Rhythm Research</i> , 2017, 48, 583-591.	0.9	2
22	Variations in the rate and direction of re-entrainment to acute simulated jet lag in the diurnal North Indian palm squirrel. <i>Biological Rhythm Research</i> , 2014, 45, 447-454.	0.9	1
23	Experimental quantification of improvement during circadian wheel running in the Indian field mouse, <i>Mus terricolor</i> : theoretical uses. <i>Biological Rhythm Research</i> , 2015, 46, 173-180.	0.9	1
24	Differences in post-chronic jet lag parameters in male and female mice. <i>Biological Rhythm Research</i> , 2021, 52, 70-80.	0.9	1
25	Effect of periodic social interaction and odour presentation of same and opposite-sex conspecifics on free-running mice. <i>Chronobiology International</i> , 2021, 38, 1714-1725.	2.0	1
26	Slow and fast orthodromic and antidromic variants in acute 9-h jet-lagged pygmy field mice. <i>Indian Journal of Experimental Biology</i> , 2014, 52, 460-6.	0.0	1
27	The 5-HTP sip trypt: a timely word to the wise. <i>ChronoPhysiology and Therapy</i> , 0, , 51.	0.5	0
28	5-Hydroxy-L-tryptophan entrains the free-running rhythm in constant darkness in pygmy mice. <i>Biological Rhythm Research</i> , 2013, 44, 916-921.	0.9	0