Lily Yan

List of Publications by Year
in descending order

56 papers	3,274 citations	201674 27 h-index	161849 54 g-index
56 all docs	56 docs citations	56 times ranked	2409 citing authors

#	Article	IF	Citations
1	Impact of daytime light intensity on the central orexin (hypocretin) system of a diurnal rodent (<i>Arvicanthis niloticus</i>). European Journal of Neuroscience, 2021, 54, 4167-4181.	2.6	5
2	Orexin (hypocretin) mediates lightâ€dependent fluctuation of hippocampal function in a diurnal rodent. Hippocampus, 2021, 31, 1104-1114.	1.9	3
3	Circadian and photic modulation of daily rhythms in diurnal mammals. European Journal of Neuroscience, 2020, 51, 551-566.	2.6	46
4	Orexinergic modulation of serotonin neurons in the dorsal raphe of a diurnal rodent, Arvicanthis niloticus. Hormones and Behavior, 2019, 116, 104584.	2.1	11
5	Daytime Light Intensity Modulates Spatial Learning and Hippocampal Plasticity in Female Nile Grass Rats (Arvicanthis niloticus). Neuroscience, 2019, 404, 175-183.	2.3	13
6	Low Daytime Light Intensity Disrupts Male Copulatory Behavior, and Upregulates Medial Preoptic Area Steroid Hormone and Dopamine Receptor Expression, in a Diurnal Rodent Model of Seasonal Affective Disorder. Frontiers in Behavioral Neuroscience, 2019, 13, 72.	2.0	19
7	Light as a modulator of emotion and cognition: Lessons learned from studying a diurnal rodent. Hormones and Behavior, 2019, 111, 78-86.	2.1	32
8	A comparison of the orexin receptor distribution in the brain between diurnal Nile grass rats () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	2.2	22
9	Light modulates hippocampal function and spatial learning in a diurnal rodent species: A study using male nile grass rat (<i>Arvicanthis niloticus</i>). Hippocampus, 2018, 28, 189-200.	1.9	36
10	Distributions of GABAergic and glutamatergic neurons in the brains of a diurnal and nocturnal rodent. Brain Research, 2018, 1700, 152-159.	2.2	19
11	The Cost of Activity during the Rest Phase: Animal Models and Theoretical Perspectives. Frontiers in Endocrinology, 2018, 9, 72.	3.5	6
12	Normal behavioral responses to light and darkness and the pupillary light reflex are dependent upon the olivary pretectal nucleus in the diurnal Nile grass rat. Neuroscience, 2017, 355, 225-237.	2.3	13
13	Clock Gene Expression in the Suprachiasmatic Nucleus of Hibernating Arctic Ground Squirrels. Journal of Biological Rhythms, 2017, 32, 246-256.	2.6	33
14	Entraining to the polar day: circadian rhythms in arctic ground squirrels. Journal of Experimental Biology, 2017, 220, 3095-3102.	1.7	16
15	Chronic Light Exposure in the Middle of the Night Disturbs the Circadian System and Emotional Regulation. Journal of Biological Rhythms, 2016, 31, 352-364.	2.6	16
16	Voluntary running depreciates the requirement of Ca²⁺-stimulated cAMP signaling in synaptic potentiation and memory formation. Learning and Memory, 2016, 23, 442-449.	1.3	13
17	Suprachiasmatic Nucleus and Subparaventricular Zone Lesions Disrupt Circadian Rhythmicity but Not Light-Induced Masking Behavior in Nile Grass Rats. Journal of Biological Rhythms, 2016, 31, 170-181.	2.6	16
18	Decreased daytime illumination leads to anxiety-like behaviors and HPA axis dysregulation in the diurnal grass rat (Arvicanthis niloticus). Behavioural Brain Research, 2016, 300, 77-84.	2.2	29

#	Article	IF	Citations
19	Neuroendocrine underpinnings of sex differences in circadian timing systems. Journal of Steroid Biochemistry and Molecular Biology, 2016, 160, 118-126.	2.5	65
20	Hypothalamic dopaminergic neurons in an animal model of seasonal affective disorder. Neuroscience Letters, 2015, 602, 17-21.	2.1	27
21	Acute effects of light on the brain and behavior of diurnal Arvicanthis niloticus and nocturnal Mus musculus. Physiology and Behavior, 2015, 138, 75-86.	2.1	29
22	Attenuated orexinergic signaling underlies depression-like responses induced by daytime light deficiency. Neuroscience, 2014, 272, 252-260.	2.3	57
23	Intergeniculate leaflet lesions result in differential activation of brain regions following the presentation of photic stimuli in Nile grass rats. Neuroscience Letters, 2014, 579, 101-105.	2.1	9
24	Behavioral Masking and cFos Responses to Light in Day- and Night-Active Grass Rats. Journal of Biological Rhythms, 2014, 29, 192-202.	2.6	16
25	Effects of sex and reproductive experience on the number of orexin A-immunoreactive cells in the prairie vole brain. Peptides, 2014, 57, 122-128.	2.4	7
26	Changes in the Daily Rhythm of Lipid Metabolism in the Diabetic Retina. PLoS ONE, 2014, 9, e95028.	2.5	38
27	Responses of brain and behavior to changing day-length in the diurnal grass rat (Arvicanthis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	2.3	29
28	Depression-Like Responses Induced by Daytime Light Deficiency in the Diurnal Grass Rat (Arvicanthis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.5	66
29	Lesions of the Intergeniculate Leaflet Lead to a Reorganization in Circadian Regulation and a Reversal in Masking Responses to Photic Stimuli in the Nile Grass Rat. PLoS ONE, 2013, 8, e67387.	2.5	29
30	Orexinergic signaling mediates light-induced neuronal activation in the dorsal raphe nucleus. Neuroscience, 2012, 220, 201-207.	2.3	56
31	Direction-dependent effects of chronic â€œjet-lagâ€•on hippocampal neurogenesis. Neuroscience Letters, 2012, 515, 177-180.	2.1	47
32	Structural and functional changes in the suprachiasmatic nucleus following chronic circadian rhythm perturbation. Neuroscience, 2011, 183, 99-107.	2.3	21
33	Reorganization of Suprachiasmatic Nucleus Networks under 24-h LDLD Conditions. Journal of Biological Rhythms, 2010, 25, 19-27.	2.6	35
34	Nighttime dim light exposure alters the responses of the circadian system. Neuroscience, 2010, 170, 1172-1178.	2.3	86
35	Expression of clock genes in the suprachiasmatic nucleus: Effect of environmental lighting conditions. Reviews in Endocrine and Metabolic Disorders, 2009, 10, 301-310.	5.7	26
36	Targeted mutation of the calbindin D_{28K} gene disrupts circadian rhythmicity and entrainment. European Journal of Neuroscience, 2008, 27, 2907-2921.	2.6	34

#	Article	IF	Citations
37	Targeted mutation of the calbindin D28Kgene disrupts circadian rhythmicity and entrainment. European Journal of Neuroscience, 2008, 28, 1030-1030.	2.6	0
38	Dayâ€•length encoding through tonic photic effects in the retinorecipient SCN region. European Journal of Neuroscience, 2008, 28, 2108-2115.	2.6	30
39	Cellular localization and function of DARPP-32 in the rodent retina. European Journal of Neuroscience, 2007, 25, 3233-3242.	2.6	9
40	Exploring Spatiotemporal Organization of SCN Circuits. Cold Spring Harbor Symposia on Quantitative Biology, 2007, 72, 527-541.	1.1	95
41	DARPP-32 Involvement in the Photic Pathway of the Circadian System. Journal of Neuroscience, 2006, 26, 9434-9438.	3.6	26
42	Two Antiphase Oscillations Occur in Each Suprachiasmatic Nucleus of Behaviorally Split Hamsters. Journal of Neuroscience, 2005, 25, 9017-9026.	3.6	93
43	Phenotype Matters: Identification of Light-Responsive Cells in the Mouse Suprachiasmatic Nucleus. Journal of Neuroscience, 2004, 24, 68-75.	3.6	112
44	Resetting the brain clock: time course and localization of mPER1 and mPER2 protein expression in suprachiasmatic nuclei during phase shifts. European Journal of Neuroscience, 2004, 19, 1105-1109.	2.6	114
45	A short half-life GFP mouse model for analysis of suprachiasmatic nucleus organization. Brain Research, 2003, 964, 279-287.	2.2	54
46	Phase shifts and Per gene expression in mouse suprachiasmatic nucleus. NeuroReport, 2003, 14, 1247-1251.	1.2	8
47	Cellular Location and Circadian Rhythm of Expression of the Biological Clock GenePeriod 1in the Mouse Retina. Journal of Neuroscience, 2003, 23, 7670-7676.	3.6	83
48	Calbindin Influences Response to Photic Input in Suprachiasmatic Nucleus. Journal of Neuroscience, 2003, 23, 8820-8826.	3.6	43
49	Circadian rhythm of aromaticl-amino acid decarboxylase in the rat suprachiasmatic nucleus: gene expression and decarboxylating activity in clock oscillating cells. Genes To Cells, 2002, 7, 447-459.	1.2	24
50	Gradients in the circadian expression ofPer1andPer2genes in the rat suprachiasmatic nucleus. European Journal of Neuroscience, 2002, 15, 1153-1162.	2.6	135
51	Differential induction and localization of mPer1 and mPer2 during advancing and delaying phase shifts. European Journal of Neuroscience, 2002, 16, 1531-1540.	2.6	180
52	Distribution and circadian expression ofdbp in SCN and extra-SCN areas in the mouse brain. , 2000, 59, 291-295.		35
53	Differential adrenergic regulation of the circadian expression of the clock genes <i>Period1</i> and <i>Period2</i> in the rat pineal gland. European Journal of Neuroscience, 2000, 12, 4557-4561.	2.6	84
54	Role of DBP in the Circadian Oscillatory Mechanism. Molecular and Cellular Biology, 2000, 20, 4773-4781.	2.3	212

#	Article	IF	Citations
55	Phase-dependent responses of Per1 and Per2 genes to a light-stimulus in the suprachiasmatic nucleus of the rat. Neuroscience Letters, 2000, 294, 41-44.	2.1	95
56	Light-Induced Resetting of a Mammalian Circadian Clock Is Associated with Rapid Induction of the Transcript. Cell, 1997, 91, 1043-1053.	28.9	817