

# Lily Yan

## List of Publications by Year in descending order

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56  
papers

3,274  
citations

201385

27  
h-index

161609

54  
g-index

56  
all docs

56  
docs citations

56  
times ranked

2409  
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-Induced Resetting of a Mammalian Circadian Clock Is Associated with Rapid Induction of the mPer1 Transcript. <i>Cell</i> , 1997, 91, 1043-1053.	13.5	817
2	Role of DBP in the Circadian Oscillatory Mechanism. <i>Molecular and Cellular Biology</i> , 2000, 20, 4773-4781.	1.1	212
3	Differential induction and localization of mPer1 and mPer2 during advancing and delaying phase shifts. <i>European Journal of Neuroscience</i> , 2002, 16, 1531-1540.	1.2	180
4	Gradients in the circadian expression of Per1 and Per2 genes in the rat suprachiasmatic nucleus. <i>European Journal of Neuroscience</i> , 2002, 15, 1153-1162.	1.2	135
5	Resetting the brain clock: time course and localization of mPER1 and mPER2 protein expression in suprachiasmatic nuclei during phase shifts. <i>European Journal of Neuroscience</i> , 2004, 19, 1105-1109.	1.2	114
6	Phenotype Matters: Identification of Light-Responsive Cells in the Mouse Suprachiasmatic Nucleus. <i>Journal of Neuroscience</i> , 2004, 24, 68-75.	1.7	112
7	Phase-dependent responses of Per1 and Per2 genes to a light-stimulus in the suprachiasmatic nucleus of the rat. <i>Neuroscience Letters</i> , 2000, 294, 41-44.	1.0	95
8	Exploring Spatiotemporal Organization of SCN Circuits. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2007, 72, 527-541.	2.0	95
9	Two Antiphase Oscillations Occur in Each Suprachiasmatic Nucleus of Behaviorally Split Hamsters. <i>Journal of Neuroscience</i> , 2005, 25, 9017-9026.	1.7	93
10	Nighttime dim light exposure alters the responses of the circadian system. <i>Neuroscience</i> , 2010, 170, 1172-1178.	1.1	86
11	Differential adrenergic regulation of the circadian expression of the clock genes Period1 and Period2 in the rat pineal gland. <i>European Journal of Neuroscience</i> , 2000, 12, 4557-4561.	1.2	84
12	Cellular Location and Circadian Rhythm of Expression of the Biological Clock Gene Period 1 in the Mouse Retina. <i>Journal of Neuroscience</i> , 2003, 23, 7670-7676.	1.7	83
13	Depression-Like Responses Induced by Daytime Light Deficiency in the Diurnal Grass Rat ( <i>Arvicanthis</i> ) Tj ETQq1 1 0,784314 rgBT /Over	1.1	86
14	Neuroendocrine underpinnings of sex differences in circadian timing systems. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 160, 118-126.	1.2	65
15	Attenuated orexinergic signaling underlies depression-like responses induced by daytime light deficiency. <i>Neuroscience</i> , 2014, 272, 252-260.	1.1	57
16	Orexinergic signaling mediates light-induced neuronal activation in the dorsal raphe nucleus. <i>Neuroscience</i> , 2012, 220, 201-207.	1.1	56
17	A short half-life GFP mouse model for analysis of suprachiasmatic nucleus organization. <i>Brain Research</i> , 2003, 964, 279-287.	1.1	54
18	Direction-dependent effects of chronic jet-lag on hippocampal neurogenesis. <i>Neuroscience Letters</i> , 2012, 515, 177-180.	1.0	47

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19	Circadian and photic modulation of daily rhythms in diurnal mammals. <i>European Journal of Neuroscience</i> , 2020, 51, 551-566.	1.2	46
20	Calbindin Influences Response to Photic Input in Suprachiasmatic Nucleus. <i>Journal of Neuroscience</i> , 2003, 23, 8820-8826.	1.7	43
21	Changes in the Daily Rhythm of Lipid Metabolism in the Diabetic Retina. <i>PLoS ONE</i> , 2014, 9, e95028.	1.1	38
22	Light modulates hippocampal function and spatial learning in a diurnal rodent species: A study using male Nile grass rat ( <i>Arvicanthis niloticus</i> ). <i>Hippocampus</i> , 2018, 28, 189-200.	0.9	36
23	Distribution and circadian expression of <i>dbp</i> in SCN and extra-SCN areas in the mouse brain. , 2000, 59, 291-295.		35
24	Reorganization of Suprachiasmatic Nucleus Networks under 24-h LDLD Conditions. <i>Journal of Biological Rhythms</i> , 2010, 25, 19-27.	1.4	35
25	Targeted mutation of the calbindin D <sub>28K</sub> gene disrupts circadian rhythmicity and entrainment. <i>European Journal of Neuroscience</i> , 2008, 27, 2907-2921.	1.2	34
26	Clock Gene Expression in the Suprachiasmatic Nucleus of Hibernating Arctic Ground Squirrels. <i>Journal of Biological Rhythms</i> , 2017, 32, 246-256.	1.4	33
27	Light as a modulator of emotion and cognition: Lessons learned from studying a diurnal rodent. <i>Hormones and Behavior</i> , 2019, 111, 78-86.	1.0	32
28	Day-length encoding through tonic photic effects in the retinorecipient SCN region. <i>European Journal of Neuroscience</i> , 2008, 28, 2108-2115.	1.2	30
29	Responses of brain and behavior to changing day-length in the diurnal grass rat ( <i>Arvicanthis</i> ) Tj ETQq1 1 0.784314 <a href="#">rgBT/Overlock 10</a> <a href="#">19</a> <a href="#">29</a>		
30	Acute effects of light on the brain and behavior of diurnal <i>Arvicanthis niloticus</i> and nocturnal <i>Mus musculus</i> . <i>Physiology and Behavior</i> , 2015, 138, 75-86.	1.0	29
31	Decreased daytime illumination leads to anxiety-like behaviors and HPA axis dysregulation in the diurnal grass rat ( <i>Arvicanthis niloticus</i> ). <i>Behavioural Brain Research</i> , 2016, 300, 77-84.	1.2	29
32	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. <i>PLoS ONE</i> , 2013, 8, e67387.	1.1	29
33	Hypothalamic dopaminergic neurons in an animal model of seasonal affective disorder. <i>Neuroscience Letters</i> , 2015, 602, 17-21.	1.0	27
34	DARPP-32 Involvement in the Photic Pathway of the Circadian System. <i>Journal of Neuroscience</i> , 2006, 26, 9434-9438.	1.7	26
35	Expression of clock genes in the suprachiasmatic nucleus: Effect of environmental lighting conditions. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2009, 10, 301-310.	2.6	26
36	Circadian rhythm of aromatic-amino acid decarboxylase in the rat suprachiasmatic nucleus: gene expression and decarboxylating activity in clock oscillating cells. <i>Genes To Cells</i> , 2002, 7, 447-459.	0.5	24

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37	A comparison of the orexin receptor distribution in the brain between diurnal Nile grass rats ( <i>Arvicanthis niloticus</i> ) and nocturnal Nile grass rats ( <i>Arvicanthis niloticus</i> ). <i>Journal of Biological Rhythms</i> , 2011, 26, 107-117.	1.1	22
38	Structural and functional changes in the suprachiasmatic nucleus following chronic circadian rhythm perturbation. <i>Neuroscience</i> , 2011, 183, 99-107.	1.1	21
39	Distributions of GABAergic and glutamatergic neurons in the brains of a diurnal and nocturnal rodent. <i>Brain Research</i> , 2018, 1700, 152-159.	1.1	19
40	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. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 72.	1.0	19
41	Behavioral Masking and cFos Responses to Light in Day- and Night-Active Grass Rats. <i>Journal of Biological Rhythms</i> , 2014, 29, 192-202.	1.4	16
42	Chronic Light Exposure in the Middle of the Night Disturbs the Circadian System and Emotional Regulation. <i>Journal of Biological Rhythms</i> , 2016, 31, 352-364.	1.4	16
43	Suprachiasmatic Nucleus and Subparaventricular Zone Lesions Disrupt Circadian Rhythmicity but Not Light-Induced Masking Behavior in Nile Grass Rats. <i>Journal of Biological Rhythms</i> , 2016, 31, 170-181.	1.4	16
44	Entraining to the polar day: circadian rhythms in arctic ground squirrels. <i>Journal of Experimental Biology</i> , 2017, 220, 3095-3102.	0.8	16
45	Voluntary running depreciates the requirement of Ca <sup>2+</sup> -stimulated cAMP signaling in synaptic potentiation and memory formation. <i>Learning and Memory</i> , 2016, 23, 442-449.	0.5	13
46	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. <i>Neuroscience</i> , 2017, 355, 225-237.	1.1	13
47	Daytime Light Intensity Modulates Spatial Learning and Hippocampal Plasticity in Female Nile Grass Rats ( <i>Arvicanthis niloticus</i> ). <i>Neuroscience</i> , 2019, 404, 175-183.	1.1	13
48	Orexinergic modulation of serotonin neurons in the dorsal raphe of a diurnal rodent, <i>Arvicanthis niloticus</i> . <i>Hormones and Behavior</i> , 2019, 116, 104584.	1.0	11
49	Cellular localization and function of DARPP-32 in the rodent retina. <i>European Journal of Neuroscience</i> , 2007, 25, 3233-3242.	1.2	9
50	Intergeniculate leaflet lesions result in differential activation of brain regions following the presentation of photic stimuli in Nile grass rats. <i>Neuroscience Letters</i> , 2014, 579, 101-105.	1.0	9
51	Phase shifts and Per gene expression in mouse suprachiasmatic nucleus. <i>NeuroReport</i> , 2003, 14, 1247-1251.	0.6	8
52	Effects of sex and reproductive experience on the number of orexin A-immunoreactive cells in the prairie vole brain. <i>Peptides</i> , 2014, 57, 122-128.	1.2	7
53	The Cost of Activity during the Rest Phase: Animal Models and Theoretical Perspectives. <i>Frontiers in Endocrinology</i> , 2018, 9, 72.	1.5	6
54	Impact of daytime light intensity on the central orexin (hypocretin) system of a diurnal rodent ( <i>Arvicanthis niloticus</i> ). <i>European Journal of Neuroscience</i> , 2021, 54, 4167-4181.	1.2	5

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55	Orexin (hypocretin) mediates light-dependent fluctuation of hippocampal function in a diurnal rodent. <i>Hippocampus</i> , 2021, 31, 1104-1114.	0.9	3
56	Targeted mutation of the calbindin D28K gene disrupts circadian rhythmicity and entrainment. <i>European Journal of Neuroscience</i> , 2008, 28, 1030-1030.	1.2	0