Shigenobu Shibata

List of Publications by Year
in descending order

183 papers	9,266 citations	41258 49 h-index	48187 88 g-index
189 all docs	189 docs citations	189 times ranked	6735 citing authors

#	Article	IF	Citations
1	Oak extracts modulate circadian rhythms of clock gene expression in vitro and wheel-running activity in mice. Sleep and Biological Rhythms, 2022, 20, 255-266.	0.5	0
2	Wheel-Running Facilitates Phase Advances in Locomotor and Peripheral Circadian Rhythm in Social Jet Lag Model Mice. Frontiers in Physiology, 2022, 13, 821199.	1.3	3
3	Solid-State Fermented Okara with Aspergillus spp. Improves Lipid Metabolism and High-Fat Diet Induced Obesity. Metabolites, 2022, 12, 198.	1.3	11
4	Association Between Na, K, and Lipid Intake in Each Meal and Blood Pressure. Frontiers in Nutrition, 2022, 9, 853118.	1.6	6
5	Polygalae Radix shortens the circadian period through activation of the CaMKII pathway. Pharmaceutical Biology, 2022, 60, 690-699.	1.3	0
6	Evening rather than morning increased physical activity alters the microbiota in mice and is associated with increased body temperature and sympathetic nervous system activation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166373.	1.8	7
7	Cold Exposure during the Active Phase Affects the Short-Chain Fatty Acid Production of Mice in a Time-Specific Manner. Metabolites, 2022, 12, 20.	1.3	4
8	Screen time duration and timing: effects on obesity, physical activity, dry eyes, and learning ability in elementary school children. BMC Public Health, 2021, 21, 422.	1.2	36
9	The Relationship between the Lunar Phase, Menstrual Cycle Onset and Subjective Sleep Quality among Women of Reproductive Age. International Journal of Environmental Research and Public Health, 2021, 18, 3245.	1.2	7
10	Psychological state during pregnancy is associated with sleep quality: preliminary findings from MY-CARE cohort study. Chronobiology International, 2021, 38, 959-970.	0.9	9
11	Changes in sleep phase and body weight of mobile health App users during COVID-19 mild lockdown in Japan. International Journal of Obesity, 2021, 45, 2277-2280.	1.6	22
12	Distribution of dietary protein intake in daily meals influences skeletal muscle hypertrophy via the muscle clock. Cell Reports, 2021, 36, 109336.	2.9	31
13	Association between Irregular Meal Timing and the Mental Health of Japanese Workers. Nutrients, 2021, 13, 2775.	1.7	23
14	The Combined Effects of Magnesium Oxide and Inulin on Intestinal Microbiota and Cecal Short-Chain Fatty Acids. Nutrients, 2021, 13, 152.	1.7	5
15	Use of a social jetlag-mimicking mouse model to determine the effects of a two-day delayed light- and/or feeding-shift on central and peripheral clock rhythms plus cognitive functioning. Chronobiology International, 2021, 38, 426-442.	0.9	6
16	Attending a Sports Club Can Help Prevent Visual Impairment Caused by Cram School in Elementary School Children in Japan. International Journal of Environmental Research and Public Health, 2021, 18, 12440.	1.2	4
17	Supplementation of Protein at Breakfast Rather Than at Dinner and Lunch Is Effective on Skeletal Muscle Mass in Older Adults. Frontiers in Nutrition, 2021, 8, 797004.	1.6	5
18	The Timing Effects of Soy Protein Intake on Mice Gut Microbiota. Nutrients, 2020, 12, 87.	1.7	29

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19	Administration timing and duration-dependent effects of sesamin isomers on lipid metabolism in rats. Chronobiology International, 2020, 37, 493-509.	0.9	6
20	Gamma oryzanol impairs alcohol-induced anxiety-like behavior in mice via upregulation of central monoamines associated with Bdnf and Il-1Î² signaling. Scientific Reports, 2020, 10, 10677.	1.6	7
21	Effect of the Intake of a Snack Containing Dietary Fiber on Postprandial Glucose Levels. Foods, 2020, 9, 1500.	1.9	11
22	Ingestion of Helianthus tuberosus at Breakfast Rather Than at Dinner is More Effective for Suppressing Glucose Levels and Improving the Intestinal Microbiota in Older Adults. Nutrients, 2020, 12, 3035.	1.7	9
23	Consumption of Biscuits with a Beverage of Mulberry or Barley Leaves in the Afternoon Prevents Dinner-Induced High, but Not Low, Increases in Blood Glucose among Young Adults. Nutrients, 2020, 12, 1580.	1.7	11
24	Gamma Oryzanol Alleviates High-Fat Diet-Induced Anxiety-Like Behaviors Through Downregulation of Dopamine and Inflammation in the Amygdala of Mice. Frontiers in Pharmacology, 2020, 11, 330.	1.6	14
25	Crosstalk Among Circadian Rhythm, Obesity and Allergy. International Journal of Molecular Sciences, 2020, 21, 1884.	1.8	20
26	Combinatorial Effects of Soluble, Insoluble, and Organic Extracts from Jerusalem Artichokes on Gut Microbiota in Mice. Microorganisms, 2020, 8, 954.	1.6	8
27	Effects of Timing of Acute and Consecutive Catechin Ingestion on Postprandial Glucose Metabolism in Mice and Humans. Nutrients, 2020, 12, 565.	1.7	15
28	Effect of Dose and Timing of Burdock (Arctium lappa) Root Intake on Intestinal Microbiota of Mice. Microorganisms, 2020, 8, 220.	1.6	18
29	Time-of-Day-Dependent Physiological Responses to Meal and Exercise. Frontiers in Nutrition, 2020, 7, 18.	1.6	45
30	The circadian clock is disrupted in mice with adenine-induced tubulointerstitial nephropathy. Kidney International, 2020, 97, 728-740.	2.6	34
31	Circadian rhythm and its association with birth and infant outcomes: research protocol of a prospective cohort study. BMC Pregnancy and Childbirth, 2020, 20, 96.	0.9	22
32	Chrono-nutrition. Japanese Journal of Physical Fitness and Sports Medicine, 2020, 69, 401-411.	0.0	0
33	Effects of timing of acute catechin-rich green tea ingestion on postprandial glucose metabolism in healthy men. Journal of Nutritional Biochemistry, 2019, 73, 108221.	1.9	24
34	Effect of different sources of dietary protein on muscle hypertrophy in functionally overloaded mice. Biochemistry and Biophysics Reports, 2019, 20, 100686.	0.7	3
35	Systemic oscillator-driven and nutrient-responsive hormonal regulation of daily expression rhythms for gluconeogenic enzyme genes in the mouse liver. Chronobiology International, 2019, 36, 591-615.	0.9	7
36	The effect of night shift work on the expression of clock genes in beard hair follicle cells. Sleep Medicine, 2019, 56, 164-170.	0.8	11

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37	Effects of increased daily physical activity on mental health and depression biomarkers in postmenopausal women. Journal of Physical Therapy Science, 2019, 31, 408-413.	0.2	12
38	Phase resetting of circadian peripheral clocks using human and rodent diets in mouse models of type 2 diabetes and chronic kidney disease. Chronobiology International, 2019, 36, 851-869.	0.9	5
39	Effect of piceatannol on circadian Per2 expression in vitro and in vivo. Journal of Functional Foods, 2019, 56, 49-56.	1.6	10
40	Correlation among clock gene expression rhythms, sleep quality, and meal conditions in delayed sleep-wake phase disorder and night eating syndrome. Chronobiology International, 2019, 36, 770-783.	0.9	7
41	Eurotium Cristatum Fermented Okara as a Potential Food Ingredient to Combat Diabetes. Scientific Reports, 2019, 9, 17536.	1.6	26
42	Mice Microbiota Composition Changes by Inulin Feeding with a Long Fasting Period under a Two-Meals-Per-Day Schedule. Nutrients, 2019, 11, 2802.	1.7	22
43	Social jetlag and menstrual symptoms among female university students. Chronobiology International, 2019, 36, 258-264.	0.9	30
44	Anxiolytic effects of Î³-oryzanol in chronically- stressed mice are related to monoamine levels in the brain. Life Sciences, 2019, 216, 119-128.	2.0	16
45	A low-protein diet eliminates the circadian rhythm of serum insulin and hepatic lipid metabolism in mice. Journal of Nutritional Biochemistry, 2019, 63, 177-185.	1.9	6
46	Refined Auditory Brainstem Response Measurement Identified Potential Models of Congenital Deafness in Laboratory Mouse Strains. JMA Journal, 2019, 2, 139-147.	0.6	1
47	Night eating model shows time-specific depression-like behavior in the forced swimming test. Scientific Reports, 2018, 8, 1081.	1.6	15
48	Gut Microbiota-Derived Short Chain Fatty Acids Induce Circadian Clock Entrainment in Mouse Peripheral Tissue. Scientific Reports, 2018, 8, 1395.	1.6	190
49	Entrainment of the mouse circadian clock: Effects of stress, exercise, and nutrition. Free Radical Biology and Medicine, 2018, 119, 129-138.	1.3	88
50	Glucagon and/or IGF-1 Production Regulates Resetting of the Liver Circadian Clock in Response to a Protein or Amino Acid-only Diet. EBioMedicine, 2018, 28, 210-224.	2.7	44
51	Effects of Meal Timing on Postprandial Glucose Metabolism and Blood Metabolites in Healthy Adults. Nutrients, 2018, 10, 1763.	1.7	55
52	Day-Night Oscillation of Atrogin1 and Timing-Dependent Preventive Effect of Weight-Bearing on Muscle Atrophy. EBioMedicine, 2018, 37, 499-508.	2.7	14
53	Intracellular-to-total water ratio explains the variability of muscle strength dependence on the size of the lower leg in the elderly. Experimental Gerontology, 2018, 113, 120-127.	1.2	19
54	A randomized, double-blind and placebo-controlled crossover trial on the effect of <scp>l</scp>-ornithine ingestion on the human circadian clock. Chronobiology International, 2018, 35, 1445-1455.	0.9	10

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55	Circadian clock component PERIOD2 regulates diurnal expression of Na+/H+ exchanger regulatory factor-1 and its scaffolding function. Scientific Reports, 2018, 8, 9072.	1.6	10
56	Chronotype and social jetlag influence human circadian clock gene expression. Scientific Reports, 2018, 8, 10152.	1.6	37
57	Combined effect of shortened photoperiod and low crude protein diet on liver triglyceride accumulation and lipid-related gene expression in quail. Livestock Science, 2018, 214, 68-72.	0.6	1
58	Î³-oryzanol ameliorates the acute stress induced by behavioral anxiety testing in mice. Journal of Pharmacological Sciences, 2018, 138, 155-159.	1.1	3
59	The mammalian circadian clock and its entrainment by stress and exercise. Journal of Physiological Sciences, 2017, 67, 1-10.	0.9	145
60	Positive association between physical activity and PER3 expression in older adults. Scientific Reports, 2017, 7, 39771.	1.6	20
61	Regulation of plasma histamine levels by the mast cell clock and its modulation by stress. Scientific Reports, 2017, 7, 39934.	1.6	32
62	Age-related circadian disorganization caused by sympathetic dysfunction in peripheral clock regulation. Npj Aging and Mechanisms of Disease, 2017, 3, 16030.	4.5	53
63	Polyporus and Bupleuri radix effectively alter peripheral circadian clock phase acutely in male mice. Nutrition Research, 2017, 43, 16-24.	1.3	8
64	Clock-dependent temporal regulation of IL-33/ST2-mediated mast cellÂresponse. Allergology International, 2017, 66, 472-478.	1.4	24
65	Association of body mass index-related single nucleotide polymorphisms with psychiatric disease and memory performance in a Japanese population. Acta Neuropsychiatrica, 2017, 29, 299-308.	1.0	6
66	Abnormal tuning of the hepatic circadian metabolic rhythms in lung cancer. Hepatology, 2017, 65, 1061-1064.	3.6	0
67	Circadian clock-dependent increase in salivary IgA secretion modulated by sympathetic receptor activation in mice. Scientific Reports, 2017, 7, 8802.	1.6	34
68	Age-dependent motor dysfunction due to neuron-specific disruption of stress-activated protein kinase MKK7. Scientific Reports, 2017, 7, 7348.	1.6	17
69	Potent synchronization of peripheral circadian clocks by glucocorticoid injections in PER2::LUC-Clock/Clockmice. Chronobiology International, 2017, 34, 1067-1082.	0.9	20
70	Anatomical cross-sectional area of the quadriceps femoris and sit-to-stand test score in middle-aged and elderly population: development of a predictive equation. Journal of Physiological Anthropology, 2017, 36, 3.	1.0	8
71	The Role of Circadian Rhythms in Muscular and Osseous Physiology and Their Regulation by Nutrition and Exercise. Frontiers in Neuroscience, 2017, 11, 63.	1.4	67
72	Potent Effects of Flavonoid Nobiletin on Amplitude, Period, and Phase of the Circadian Clock Rhythm in PER2::LUCIFERASE Mouse Embryonic Fibroblasts. PLoS ONE, 2017, 12, e0170904.	1.1	71

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73	Forced rather than voluntary exercise entrains peripheral clocks via a corticosterone/noradrenaline increase in PER2::LUC mice. Scientific Reports, 2016, 6, 27607.	1.6	76
74	Phase shifts in circadian peripheral clocks caused by exercise are dependent on the feeding schedule in PER2::LUC mice. Chronobiology International, 2016, 33, 849-862.	0.9	23
75	l-Ornithine affects peripheral clock gene expression in mice. Scientific Reports, 2016, 6, 34665.	1.6	17
76	Leucine restores murine hepatic triglyceride accumulation induced by a low-protein diet by suppressing autophagy and excessive endoplasmic reticulum stress. Amino Acids, 2016, 48, 1013-1021.	1.2	22
77	Different Roles of Negative and Positive Components of the Circadian Clock in Oncogene-induced Neoplastic Transformation. Journal of Biological Chemistry, 2016, 291, 10541-10550.	1.6	15
78	Circadian rhythms of liver physiology and disease: experimental and clinical evidence. Nature Reviews Gastroenterology and Hepatology, 2016, 13, 217-226.	8.2	192
79	Inhibition of IgE-mediated allergic reactions by pharmacologically targeting the circadian clock. Journal of Allergy and Clinical Immunology, 2016, 137, 1226-1235.	1.5	41
80	Antigen exposure in the late light period induces severe symptoms of food allergy in an OVA-allergic mouse model. Scientific Reports, 2015, 5, 14424.	1.6	22
81	Entrainment of the mouse circadian clock by sub-acute physical and psychological stress. Scientific Reports, 2015, 5, 11417.	1.6	107
82	Entrainment of mouse peripheral circadian clocks to <24â€‰h feeding/fasting cycles under 24â€‰h light/dark conditions. Scientific Reports, 2015, 5, 14207.	1.6	19
83	Chrono-nutrition of macro-nutrition including lipids. Journal of Lipid Nutrition, 2015, 24, 53-60.	0.1	2
84	Effects of television luminance and wavelength at habitual bedtime on melatonin and cortisol secretion in humans. Sleep and Biological Rhythms, 2015, 13, 316-322.	0.5	10
85	Housing under abnormal lightâ€“dark cycles attenuates day/night expression rhythms of the clock genes Per1, Per2, and Bmal1 in the amygdala and hippocampus of mice. Neuroscience Research, 2015, 99, 16-21.	1.0	9
86	Feeding and adrenal entrainment stimuli are both necessary for normal circadian oscillation of peripheral clocks in mice housed under different photoperiods. Chronobiology International, 2015, 32, 195-210.	0.9	22
87	Eating meals before wheel-running exercise attenuate high fat diet-driven obesity in mice under two meals per day schedule. Chronobiology International, 2015, 32, 677-686.	0.9	4
88	The circadian clock controls fluctuations of colonic cell proliferation during the light/dark cycle via feeding behavior in mice. Chronobiology International, 2015, 32, 1145-1155.	0.9	19
89	Impairment of Circadian Rhythms in Peripheral Clocks by Constant Light Is Partially Reversed by Scheduled Feeding or Exercise. Journal of Biological Rhythms, 2015, 30, 533-542.	1.4	44
90	Circadian Gene Clock Regulates Psoriasis-Like Skin Inflammation in Mice. Journal of Investigative Dermatology, 2015, 135, 3001-3008.	0.3	57

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91	Phase-delay in the lightâ€“dark cycle impairs clock gene expression and levels of serotonin, norepinephrine, and their metabolites in the mouse hippocampus and amygdala. Sleep Medicine, 2015, 16, 1352-1359.	0.8	19
92	Fish Oil Accelerates Diet-Induced Entrainment of the Mouse Peripheral Clock via GPR120. PLoS ONE, 2015, 10, e0132472.	1.1	45
93	Expressions of Tight Junction Proteins Occludin and Claudin-1 Are under the Circadian Control in the Mouse Large Intestine: Implications in Intestinal Permeability and Susceptibility to Colitis. PLoS ONE, 2014, 9, e98016.	1.1	100
94	Warm Water Bath Stimulates Phase-Shifts of the Peripheral Circadian Clocks in PER2::LUCIFERASE Mouse. PLoS ONE, 2014, 9, e100272.	1.1	21
95	Circadian rhythm and exercise. The Journal of Physical Fitness and Sports Medicine, 2014, 3, 65-72.	0.2	12
96	Bile Acid-regulated Peroxisome Proliferator-activated Receptor-Î± (PPARÎ±) Activity Underlies Circadian Expression of Intestinal Peptide Absorption Transporter PepT1/Slc15a1. Journal of Biological Chemistry, 2014, 289, 25296-25305.	1.6	41
97	Acetylcholinesterase (AChE) inhibition aggravates fastingâ€induced triglyceride accumulation in the mouse liver. FEBS Open Bio, 2014, 4, 905-914.	1.0	15
98	Disruption of the Suprachiasmatic Nucleus Blunts a Time of Day-Dependent Variation in Systemic Anaphylactic Reaction in Mice. Journal of Immunology Research, 2014, 2014, 1-5.	0.9	17
99	Effects of caffeine on circadian phase, amplitude and period evaluated in cells in vitro and peripheral organs in vivo in <scp>PER</scp>2::<scp>LUCIFERASE</scp> mice. British Journal of Pharmacology, 2014, 171, 5858-5869.	2.7	51
100	Effect of chronic ethanol exposure on the liver of Clock-mutant mice. Journal of Circadian Rhythms, 2014, 7, 4.	2.9	37
101	Circadian regulation of allergic reactions by the mast cell clock in mice. Journal of Allergy and Clinical Immunology, 2014, 133, 568-575.e12.	1.5	69
102	A single daily meal at the beginning of the active or inactive period inhibits food deprivationâ€“induced fatty liver in mice. Nutrition Research, 2014, 34, 613-622.	1.3	7
103	Combination of meal and exercise timing with a high-fat diet influences energy expenditure and obesity in mice. Chronobiology International, 2014, 31, 959-975.	0.9	34
104	Controlling access time to a high-fat diet during the inactive period protects against obesity in mice. Chronobiology International, 2014, 31, 935-944.	0.9	17
105	Differential roles of breakfast only (one meal per day) and a bigger breakfast with a small dinner (two) Tj ETQq1 1 0.784314 rgBT /Over of Circadian Rhythms, 2014, 10, 4.	2.9	63
106	Chrono-biology, Chrono-pharmacology, and Chrono-nutrition. Journal of Pharmacological Sciences, 2014, 124, 320-335.	1.1	62
107	Effect of Quetiapine on Per1, Per2, and Bmal1 Clock Gene Expression in the Mouse Amygdala and Hippocampus. Journal of Pharmacological Sciences, 2014, 125, 329-332.	1.1	18
108	Chronobiology and nutrition. Neuroscience, 2013, 253, 78-88.	1.1	153

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109	Time-restricted feeding of rapidly digested starches causes stronger entrainment of the liver clock in PER2::LUCIFERASE knock-in mice. Nutrition Research, 2013, 33, 109-119.	1.3	35
110	A novel method to develop an animal model of depression using a small mobile robot. Advanced Robotics, 2013, 27, 61-69.	1.1	9
111	Crosstalk between the circadian clock circuitry and the immune system. Chronobiology International, 2013, 30, 870-888.	0.9	235
112	2,2,2-Tribromoethanol Phase-Shifts the Circadian Rhythm of the Liver Clock in Per2::Luciferase Knockin Mice: Lack of Dependence on Anesthetic Activity. Journal of Pharmacology and Experimental Therapeutics, 2012, 340, 698-705.	1.3	11
113	Meal frequency patterns determine the phase of mouse peripheral circadian clocks. Scientific Reports, 2012, 2, 711.	1.6	95
114	InÂVivo Monitoring of Peripheral Circadian Clocks in the Mouse. Current Biology, 2012, 22, 1029-1034.	1.8	162
115	S6-1. Biological Rhythms and Drug Discovery. Japanese Journal of Clinical Pharmacology and Therapeutics, 2012, 43, 97-98.	0.1	0
116	Refeeding after Fasting Elicits Insulin-Dependent Regulation of Per2 and Rev-erbÎ± with Shifts in the Liver Clock. Journal of Biological Rhythms, 2011, 26, 230-240.	1.4	119
117	Attenuated Food Anticipatory Activity and Abnormal Circadian Locomotor Rhythms in Rgs16 Knockdown Mice. PLoS ONE, 2011, 6, e17655.	1.1	15
118	The adjustment and manipulation of biological rhythms by light, nutrition, and abused drugs. Advanced Drug Delivery Reviews, 2010, 62, 918-927.	6.6	77
119	Restricted feeding-induced entrainment of activity rhythm and peripheral clock rhythm. Sleep and Biological Rhythms, 2010, 8, 18-27.	0.5	6
120	Time of Day and Nutrients in Feeding Govern Daily Expression Rhythms of the Gene for Sterol Regulatory Element-binding Protein (SREBP)-1 in the Mouse Liver. Journal of Biological Chemistry, 2010, 285, 33028-33036.	1.6	47
121	Effects of Medial Hypothalamic Lesions on Feeding-Induced Entrainment of Locomotor Activity and Liver Per2 Expression in Per2::luc Mice. Journal of Biological Rhythms, 2010, 25, 9-18.	1.4	35
122	Combination of starvation interval and food volume determines the phase of liver circadian rhythm in Per2::Luc knock-in mice under two meals per day feeding. American Journal of Physiology - Renal Physiology, 2010, 299, G1045-G1053.	1.6	76
123	TIME-DEPENDENT INHIBITORY EFFECT OF LIPOPOLYSACCHARIDE INJECTION ONPER1ANDPER2GENE EXPRESSION IN THE MOUSE HEART AND LIVER. Chronobiology International, 2010, 27, 213-232.	0.9	45
124	The role of GABAergic neuron on NMDA- and SP-induced phase delays in the suprachiasmatic nucleus neuronal activity rhythm in vitro. Neuroscience Letters, 2010, 468, 344-347.	1.0	5
125	The dorsomedial hypothalamic nucleus is not necessary for foodâ€anticipatory circadian rhythms of behavior, temperature or clock gene expression in mice. European Journal of Neuroscience, 2009, 29, 1447-1460.	1.2	113
126	A Balanced Diet Is Necessary for Proper Entrainment Signals of the Mouse Liver Clock. PLoS ONE, 2009, 4, e6909.	1.1	88

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127	Clockmutation facilitates accumulation of cholesterol in the liver of mice fed a cholesterol and/or cholic acid diet. American Journal of Physiology - Endocrinology and Metabolism, 2008, 294, E120-E130.	1.8	40
128	Optimization of Dosing Schedule of Daily Inhalant Dexamethasone to Minimize Phase Shifting of Clock Gene Expression Rhythm in the Lungs of the Asthma Mouse Model. Endocrinology, 2007, 148, 3316-3326.	1.4	39
129	Circadian Rhythms in the CNS and Peripheral Clock Disorders: Preface. Journal of Pharmacological Sciences, 2007, 103, 133.	1.1	3
130	Circadian Rhythms in the CNS and Peripheral Clock Disorders: The Circadian Clock and Hyperlipidemia. Journal of Pharmacological Sciences, 2007, 103, 139-143.	1.1	26
131	Attenuating Effect of Clock Mutation on Triglyceride Contents in the ICR Mouse Liver under a High-Fat Diet. Journal of Biological Rhythms, 2007, 22, 312-323.	1.4	68
132	Differential effect of lithium on the circadian oscillator in young and old hamsters. Biochemical and Biophysical Research Communications, 2007, 354, 752-756.	1.0	16
133	PPARÎ± is a potential therapeutic target of drugs to treat circadian rhythm sleep disorders. Biochemical and Biophysical Research Communications, 2007, 357, 679-682.	1.0	70
134	Nonphotic entrainment of the circadian body temperature rhythm by the selective ORL1 receptor agonist W-212393 in rats. British Journal of Pharmacology, 2005, 146, 33-40.	2.7	18
135	Altered food-anticipatory activity rhythm in Cryptochrome-deficient mice. Neuroscience Research, 2005, 52, 166-173.	1.0	71
136	Reduced food anticipatory activity in genetically orexin (hypocretin) neuron-ablated mice. European Journal of Neuroscience, 2004, 20, 3054-3062.	1.2	166
137	Effect of lithium on the circadian rhythms of locomotor activity and glycogen synthase kinase-3 protein expression in the mouse suprachiasmatic nuclei. European Journal of Neuroscience, 2004, 19, 2281-2287.	1.2	103
138	Daily injection of insulin attenuated impairment of liver circadian clock oscillation in the streptozotocin-treated diabetic mouse. FEBS Letters, 2004, 572, 206-210.	1.3	42
139	The role of Clock in the plasticity of circadian entrainment. Biochemical and Biophysical Research Communications, 2004, 318, 893-898.	1.0	9
140	Phase-resetting response to (+)8-OH-DPAT, a serotonin 1A/7 receptor agonist, in the mouse in vivo. Neuroscience Letters, 2004, 368, 130-134.	1.0	45
141	Neural regulation of the hepatic Circadian rhythm. The Anatomical Record, 2004, 280A, 901-909.	2.3	34
142	MAP kinase-dependent induction of clock gene expression by Î±1 -adrenergic receptor activation. FEBS Letters, 2003, 542, 109-114.	1.3	20
143	Adrenergic regulation of clock gene expression in mouse liver. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6795-6800.	3.3	253
144	Melatonin modulates the light-induced sympathoexcitation and vagal suppression with participation of the suprachiasmatic nucleus in mice. Journal of Physiology, 2003, 547, 317-332.	1.3	61

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145	Gastrin-Releasing Peptide Mediates Photic Entrainable Signals to Dorsal Subsets of Suprachiasmatic Nucleus via Induction ofPeriod Gene in Mice. Molecular Pharmacology, 2002, 61, 26-34.	1.0	106
146	Restricted feeding induces daily expression of clock genes andPai-1mRNA in the heart ofClockmutant mice. FEBS Letters, 2002, 526, 115-118.	1.3	49
147	Extended action of MKC-242, a selective 5-HT1A receptor agonist, on light-inducedPer gene expression in the suprachiasmatic nucleus in mice. Journal of Neuroscience Research, 2002, 68, 470-478.	1.3	22
148	Methamphetamine-induced, suprachiasmatic nucleus-independent circadian rhythms of activity andmPergene expression in the striatum of the mouse. European Journal of Neuroscience, 2002, 16, 921-929.	1.2	107
149	Sensitized Increase of Period Gene Expression in the Mouse Caudate/Putamen Caused by Repeated Injection of Methamphetamine. Molecular Pharmacology, 2001, 59, 894-900.	1.0	95
150	Calcium and pituitary adenylate cyclase-activating polypeptide induced expression of circadian clock genemPer1in the mouse cerebellar granule cell culture. Journal of Neurochemistry, 2001, 78, 499-508.	2.1	41
151	Restricted feeding entrains liver clock without participation of the suprachiasmatic nucleus. Genes To Cells, 2001, 6, 269-278.	0.5	489
152	Differential daily expression ofPer1andPer2mRNA in the suprachiasmatic nucleus of fetal and early postnatal mice. European Journal of Neuroscience, 2001, 13, 687-693.	1.2	72
153	Restricted-feeding-induced anticipatory activity rhythm is associated with a phase-shift of the expression ofmPer1andmPer2mRNA in the cerebral cortex and hippocampus but not in the suprachiasmatic nucleus of mice. European Journal of Neuroscience, 2001, 13, 1190-1196.	1.2	277
154	Circadian profile ofPer gene mRNA expression in the suprachiasmatic nucleus, paraventricular nucleus, and pineal body of aged rats. Journal of Neuroscience Research, 2001, 66, 1133-1139.	1.3	138
155	Expression of thePer1 gene in the hamster: Brain atlas and circadian characteristics in the suprachiasmatic nucleus. Journal of Comparative Neurology, 2001, 430, 518-532.	0.9	70
156	View of a mouse clock gene ticking. Nature, 2001, 409, 684-684.	13.7	91
157	Expression of the Per1 gene in the hamster: Brain atlas and circadian characteristics in the suprachiasmatic nucleus. , 2001, 430, 518.		4
158	Involvement of glial fibrillary acidic protein (GFAP) expressed in astroglial cells in circadian rhythm under constant lighting conditions in mice. , 2000, 60, 212-218.		49
159	Close linkage between calcium/calmodulin kinase II Î±/Î² and NMDA-2A receptors in the lateral amygdala and significance for retrieval of auditory fear conditioning. European Journal of Neuroscience, 2000, 12, 3307-3314.	1.2	27
160	Inhibitory action of brotizolam on circadian and light-induced Per1 and Per2 expression in the hamster suprachiasmatic nucleus. British Journal of Pharmacology, 2000, 131, 1739-1747.	2.7	43
161	Nonphotic Entrainment by 5-HT_{1A/7}Receptor Agonists Accompanied by ReducedPer1andPer2mRNA Levels in the Suprachiasmatic Nuclei. Journal of Neuroscience, 2000, 20, 5867-5873.	1.7	178
162	Correlative Association betweenN-Methyl-d-Aspartate Receptor-Mediated Expression of Period Genes in the Suprachiasmatic Nucleus and Phase Shifts in Behavior with Photic Entrainment of Clock in Hamsters. Molecular Pharmacology, 2000, 58, 1554-1562.	1.0	80

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163	Inhibition of Light- or Glutamate-InducedmPer1Expression Represses the Phase Shifts into the Mouse Circadian Locomotor and Suprachiasmatic Firing Rhythms. Journal of Neuroscience, 1999, 19, 1115-1121.	1.7	257
164	Modulation of mPer1 gene expression by anxiolytic drugs in mouse cerebellum. British Journal of Pharmacology, 1999, 128, 1616-1622.	2.7	34
165	Involvement of glutamate release in substance P-induced phase delays of suprachiasmatic neuron activity rhythm in vitro. Brain Research, 1999, 836, 190-193.	1.1	31
166	Effect of ZTTA, a prolyl endopeptidase inhibitor, on memory impairment in a passive avoidance test of rats with basal forebrain lesions. Pharmaceutical Research, 1998, 15, 1907-1910.	1.7	16
167	Light-Induced Resetting of a Mammalian Circadian Clock Is Associated with Rapid Induction of the mPer1 Transcript. Cell, 1997, 91, 1043-1053.	13.5	817
168	Effect of the noncompetitive N-methyl-D-aspartate (NMDA) receptor antagonist MK-801 on food-anticipatory activity rhythm in the rat. Physiology and Behavior, 1996, 59, 585-589.	1.0	21
169	Adenosine A1-receptor agonist attenuates the light-induced phase shifts and fos expression in vivo and optic nerve stimulation-evoked field potentials in the suprachiasmatic nucleus in vitro. Brain Research, 1996, 740, 329-336.	1.1	28
170	Neurochemical organization of circadian rhythm in the suprachiasmatic nucleus. Neuroscience Research, 1994, 20, 109-130.	1.0	185
171	Aging impairs methamphetamine-induced free-running and anticipatory locomotor activity rhythms in rats. Neuroscience Letters, 1994, 172, 107-110.	1.0	23
172	Age-related impairment of food anticipatory locomotor activity in rats. Physiology and Behavior, 1994, 55, 875-878.	1.0	33
173	GABAA receptor agonist muscimol can reset the phase of neural activity rhythm in the rat suprachiasmatic nucleus in vitro. Neuroscience Letters, 1994, 166, 81-84.	1.0	50
174	Phase-resetting efect of 8-OH-DPAT, a serotonin1A receptor agonist, on the circadian rhythm of firing rate in the rat suprachiasmatic nuclei in vitro. Brain Research, 1992, 582, 353-356.	1.1	107
175	Effect of substance P on circadian rhythms of firing activity and the 2-deoxyglucose uptake in the rat suprachiasmatic nucleus in vitro. Brain Research, 1992, 597, 257-263.	1.1	69
176	Effects of 5-HT1A receptor agonists on the circadian rhythm of wheel-running activity in hamsters. European Journal of Pharmacology, 1992, 214, 79-84.	1.7	158
177	The role of calcium ions in circadian rhythm of suprachiasmatic nucleus neuron activity in rat hypothalamic slices. Neuroscience Letters, 1984, 52, 181-184.	1.0	42
178	Responses of suprachiasmatic nucleus neurons to optic nerve stimulation in rat hypothalamic slice preparation. Brain Research, 1984, 302, 83-89.	1.1	70
179	4â€™-demethylnobiletin-rich fermented Citrus reticulata (ponkan) attenuated the disturbance in clock gene expression and locomotor activity rhythms caused by high-fat diet feeding. Biological Rhythm Research, 0, , 1-14.	0.4	0
180	Physical and Inflammatory Stressors Elevate Circadian Clock Gene mPer1 mRNA Levels in the Paraventricular Nucleus of the Mouse. , 0, .		28

#	Article	IF	Citations
181	Distribution of Dietary Protein Intake in Daily Meals Influences Skeletal Muscle Hypertrophy Via the Circadian Clock. SSRN Electronic Journal, 0, , .	0.4	2
182	Relationship between protein intake in each meal and physical activity level: Cross-sectional Study (Preprint). JMIR Public Health and Surveillance, 0, , .	1.2	2
183	Late-afternoon endurance exercise is more effective than morning endurance exercise at improving 24-h glucose and blood lipid levels. Frontiers in Endocrinology, 0, 13, .	1.5	14