Shigenobu Shibata

List of Publications by Year
in descending order

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183	9,266	41258	48187
papers	citations	49 h-index	88 g-index

189	189	189	6735
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Restricted feeding entrains liver clock without participation of the suprachiasmatic nucleus. Genes To Cells, 2001, 6, 269-278.	0.5	489
3	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
4	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
5	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
6	Crosstalk between the circadian clock circuitry and the immune system. Chronobiology International, 2013, 30, 870-888.	0.9	235
7	Circadian rhythms of liver physiology and disease: experimental and clinical evidence. Nature Reviews Gastroenterology and Hepatology, 2016, 13, 217-226.	8.2	192
8	Gut Microbiota-Derived Short Chain Fatty Acids Induce Circadian Clock Entrainment in Mouse Peripheral Tissue. Scientific Reports, 2018, 8, 1395.	1.6	190
9	Neurochemical organization of circadian rhythm in the suprachiasmatic nucleus. Neuroscience Research, 1994, 20, 109-130.	1.0	185
10	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
11	Reduced food anticipatory activity in genetically orexin (hypocretin) neuron-ablated mice. European Journal of Neuroscience, 2004, 20, 3054-3062.	1.2	166
12	InÂVivo Monitoring of Peripheral Circadian Clocks in the Mouse. Current Biology, 2012, 22, 1029-1034.	1.8	162
13	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
14	Chronobiology and nutrition. Neuroscience, 2013, 253, 78-88.	1.1	153
15	The mammalian circadian clock and its entrainment by stress and exercise. Journal of Physiological Sciences, 2017, 67, 1-10.	0.9	145
16	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
17	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
18	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

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19	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
20	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
21	Entrainment of the mouse circadian clock by sub-acute physical and psychological stress. Scientific Reports, 2015, 5, 11417.	1.6	107
22	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
23	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
24	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
25	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
26	Meal frequency patterns determine the phase of mouse peripheral circadian clocks. Scientific Reports, 2012, 2, 711.	1.6	95
27	View of a mouse clock gene ticking. Nature, 2001, 409, 684-684.	13.7	91
28	Entrainment of the mouse circadian clock: Effects of stress, exercise, and nutrition. Free Radical Biology and Medicine, 2018, 119, 129-138.	1.3	88
29	A Balanced Diet Is Necessary for Proper Entrainment Signals of the Mouse Liver Clock. PLoS ONE, 2009, 4, e6909.	1.1	88
30	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
31	The adjustment and manipulation of biological rhythms by light, nutrition, and abused drugs. Advanced Drug Delivery Reviews, 2010, 62, 918-927.	6.6	77
32	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
33	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
34	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
35	Altered food-anticipatory activity rhythm in Cryptochrome-deficient mice. Neuroscience Research, 2005, 52, 166-173.	1.0	71
36	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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37	Responses of suprachiasmatic nucleus neurons to optic nerve stimulation in rat hypothalamic slice preparation. Brain Research, 1984, 302, 83-89.	1.1	70
38	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
39	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
40	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
41	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
42	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
43	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
44	Differential roles of breakfast only (one meal per day) and a bigger breakfast with a small dinner (two) Tj ETQq0 0 0 rgBT /Overlock 10 Tf of Circadian Rhythms, 2014, 10, 4.	2.9	63
45	Chrono-biology, Chrono-pharmacology, and Chrono-nutrition. Journal of Pharmacological Sciences, 2014, 124, 320-335.	1.1	62
46	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
47	Circadian Gene Clock Regulates Psoriasis-Like Skin Inflammation in Mice. Journal of Investigative Dermatology, 2015, 135, 3001-3008.	0.3	57
48	Effects of Meal Timing on Postprandial Glucose Metabolism and Blood Metabolites in Healthy Adults. Nutrients, 2018, 10, 1763.	1.7	55
49	Age-related circadian disorganization caused by sympathetic dysfunction in peripheral clock regulation. Npj Aging and Mechanisms of Disease, 2017, 3, 16030.	4.5	53
50	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
51	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
52	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
53	Restricted feeding induces daily expression of clock genes andPai-1mRNA in the heart ofClockmutant mice. FEBS Letters, 2002, 526, 115-118.	1.3	49
54	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

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55	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
56	TIME-DEPENDENT INHIBITORY EFFECT OF LIPOPOLYSACCHARIDE INJECTION ONPER1ANDPER2GENE EXPRESSION IN THE MOUSE HEART AND LIVER. Chronobiology International, 2010, 27, 213-232.	0.9	45
57	Time-of-Day-Dependent Physiological Responses to Meal and Exercise. Frontiers in Nutrition, 2020, 7, 18.	1.6	45
58	Fish Oil Accelerates Diet-Induced Entrainment of the Mouse Peripheral Clock via GPR120. PLoS ONE, 2015, 10, e0132472.	1.1	45
59	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
60	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
61	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
62	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
63	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
64	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
65	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
66	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
67	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
68	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
69	Effect of chronic ethanol exposure on the liver of Clock-mutant mice. Journal of Circadian Rhythms, 2014, 7, 4.	2.9	37
70	Chronotype and social jetlag influence human circadian clock gene expression. Scientific Reports, 2018, 8, 10152.	1.6	37
71	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
72	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

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73	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
74	Modulation of mPer1 gene expression by anxiolytic drugs in mouse cerebellum. British Journal of Pharmacology, 1999, 128, 1616-1622.	2.7	34
75	Neural regulation of the hepatic Circadian rhythm. The Anatomical Record, 2004, 280A, 901-909.	2.3	34
76	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
77	Circadian clock-dependent increase in salivary IgA secretion modulated by sympathetic receptor activation in mice. Scientific Reports, 2017, 7, 8802.	1.6	34
78	The circadian clock is disrupted in mice with adenine-induced tubulointerstitial nephropathy. Kidney International, 2020, 97, 728-740.	2.6	34
79	Age-related impairment of food anticipatory locomotor activity in rats. Physiology and Behavior, 1994, 55, 875-878.	1.0	33
80	Regulation of plasma histamine levels by the mast cell clock and its modulation by stress. Scientific Reports, 2017, 7, 39934.	1.6	32
81	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
82	Distribution of dietary protein intake in daily meals influences skeletal muscle hypertrophy via the muscle clock. Cell Reports, 2021, 36, 109336.	2.9	31
83	Social jetlag and menstrual symptoms among female university students. Chronobiology International, 2019, 36, 258-264.	0.9	30
84	The Timing Effects of Soy Protein Intake on Mice Gut Microbiota. Nutrients, 2020, 12, 87.	1.7	29
85	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
86	Physical and Inflammatory Stressors Elevate Circadian Clock Gene mPer1 mRNA Levels in the Paraventricular Nucleus of the Mouse. , 0, .		28
87	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
88	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
89	Eurotium Cristatum Fermented Okara as a Potential Food Ingredient to Combat Diabetes. Scientific Reports, 2019, 9, 17536.	1.6	26
90	Clock-dependent temporal regulation of IL-33/ST2-mediated mast cellÂresponse. Allergology International, 2017, 66, 472-478.	1.4	24

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91	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
92	Aging impairs methamphetamine-induced free-running and anticipatory locomotor activity rhythms in rats. Neuroscience Letters, 1994, 172, 107-110.	1.0	23
93	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
94	Association between Irregular Meal Timing and the Mental Health of Japanese Workers. Nutrients, 2021, 13, 2775.	1.7	23
95	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
96	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
97	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
98	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
99	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
100	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
101	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
102	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
103	Warm Water Bath Stimulates Phase-Shifts of the Peripheral Circadian Clocks in PER2::LUCIFERASE Mouse. PLoS ONE, 2014, 9, e100272.	1.1	21
104	MAP kinase-dependent induction of clock gene expression by Î±1 -adrenergic receptor activation. FEBS Letters, 2003, 542, 109-114.	1.3	20
105	Positive association between physical activity and PER3 expression in older adults. Scientific Reports, 2017, 7, 39771.	1.6	20
106	Potent synchronization of peripheral circadian clocks by glucocorticoid injections in PER2::LUC-Clock/Clockmice. Chronobiology International, 2017, 34, 1067-1082.	0.9	20
107	Crosstalk Among Circadian Rhythm, Obesity and Allergy. International Journal of Molecular Sciences, 2020, 21, 1884.	1.8	20
108	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

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109	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
110	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
111	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
112	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
113	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
114	Effect of Dose and Timing of Burdock (Arctium lappa) Root Intake on Intestinal Microbiota of Mice. Microorganisms, 2020, 8, 220.	1.6	18
115	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
116	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
117	l-Ornithine affects peripheral clock gene expression in mice. Scientific Reports, 2016, 6, 34665.	1.6	17
118	Age-dependent motor dysfunction due to neuron-specific disruption of stress-activated protein kinase MKK7. Scientific Reports, 2017, 7, 7348.	1.6	17
119	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
120	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
121	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
122	Attenuated Food Anticipatory Activity and Abnormal Circadian Locomotor Rhythms in Rgs16 Knockdown Mice. PLoS ONE, 2011, 6, e17655.	1.1	15
123	Acetylcholinesterase (AChE) inhibition aggravates fastingâ€induced triglyceride accumulation in the mouse liver. FEBS Open Bio, 2014, 4, 905-914.	1.0	15
124	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
125	Night eating model shows time-specific depression-like behavior in the forced swimming test. Scientific Reports, 2018, 8, 1081.	1.6	15
126	Effects of Timing of Acute and Consecutive Catechin Ingestion on Postprandial Glucose Metabolism in Mice and Humans. Nutrients, 2020, 12, 565.	1.7	15

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127	Day-Night Oscillation of Atrogin1 and Timing-Dependent Preventive Effect of Weight-Bearing on Muscle Atrophy. EBioMedicine, 2018, 37, 499-508.	2.7	14
128	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
129	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
130	Circadian rhythm and exercise. The Journal of Physical Fitness and Sports Medicine, 2014, 3, 65-72.	0.2	12
131	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
132	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
133	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
134	Effect of the Intake of a Snack Containing Dietary Fiber on Postprandial Glucose Levels. Foods, 2020, 9, 1500.	1.9	11
135	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
136	Solid-State Fermented Okara with Aspergillus spp. Improves Lipid Metabolism and High-Fat Diet Induced Obesity. Metabolites, 2022, 12, 198.	1.3	11
137	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
138	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
139	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
140	Effect of piceatannol on circadian Per2 expression in vitro and in vivo. Journal of Functional Foods, 2019, 56, 49-56.	1.6	10
141	The role of Clock in the plasticity of circadian entrainment. Biochemical and Biophysical Research Communications, 2004, 318, 893-898.	1.0	9
142	A novel method to develop an animal model of depression using a small mobile robot. Advanced Robotics, 2013, 27, 61-69.	1.1	9
143	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
144	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

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145	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
146	Polyporus and Bupleuri radix effectively alter peripheral circadian clock phase acutely in male mice. Nutrition Research, 2017, 43, 16-24.	1.3	8
147	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
148	Combinatorial Effects of Soluble, Insoluble, and Organic Extracts from Jerusalem Artichokes on Gut Microbiota in Mice. Microorganisms, 2020, 8, 954.	1.6	8
149	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
150	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
151	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
152	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
153	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
154	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
155	Restricted feeding-induced entrainment of activity rhythm and peripheral clock rhythm. Sleep and Biological Rhythms, 2010, 8, 18-27.	0.5	6
156	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
157	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
158	Administration timing and duration-dependent effects of sesamin isomers on lipid metabolism in rats. Chronobiology International, 2020, 37, 493-509.	0.9	6
159	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
160	Association Between Na, K, and Lipid Intake in Each Meal and Blood Pressure. Frontiers in Nutrition, 2022, 9, 853118.	1.6	6
161	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
162	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

#	Article	IF	Citations
163	The Combined Effects of Magnesium Oxide and Inulin on Intestinal Microbiota and Cecal Short-Chain Fatty Acids. Nutrients, 2021, 13, 152.	1.7	5
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