Shin Yamazaki

List of Publications by Year
in descending order

72 papers	9,853 citations	66343 42 h-index	88630 70 g-index
73 all docs	73 docs citations	73 times ranked	6453 citing authors

#	Article	IF	Citations
1	Multiscale Time-resolved Analysis Reveals Remaining Behavioral Rhythms in Mice Without Canonical Circadian Clocks. Journal of Biological Rhythms, 2022, 37, 310-328.	2.6	10
2	General Anaesthesia Shifts the Murine Circadian Clock in a Time-Dependant Fashion. Clocks & Sleep, 2021, 3, 87-97.	2.0	9
3	Peripheral Circadian Oscillators. Yale Journal of Biology and Medicine, 2019, 92, 327-335.	0.2	17
4	The Mysterious Food-Entrainable Oscillator: Insights from Mutant and Engineered Mouse Models. Journal of Biological Rhythms, 2018, 33, 458-474.	2.6	60
5	<i>Period2</i> 3â€²-UTR and microRNA-24 regulate circadian rhythms by repressing PERIOD2 protein accumulation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8855-E8864.	7.1	71
6	mPeriod2 Brdm1 and other single Period mutant mice have normal food anticipatory activity. Scientific Reports, 2017, 7, 15510.	3.3	17
7	The Running Wheel Enhances Food Anticipatory Activity: An Exploratory Study. Frontiers in Behavioral Neuroscience, 2016, 10, 143.	2.0	10
8	Period-independent novel circadian oscillators revealed by timed exercise and palatable meals. Scientific Reports, 2016, 6, 21945.	3.3	18
9	The complex relationship between the food-entrainable and methamphetamine-sensitive circadian oscillators: evidence from behavioral studies ofPeriodmutant mice. European Journal of Neuroscience, 2015, 41, 866-866.	2.6	0
10	Wheel-running activity modulates circadian organization and the daily rhythm of eating behavior. Frontiers in Psychology, 2014, 5, 177.	2.1	38
11	Effects of light, food, and methamphetamine on the circadian activity rhythm in mice. Physiology and Behavior, 2014, 128, 92-98.	2.1	19
12	The complex relationship between the lightâ€entrainable and methamphetamineâ€sensitive circadian oscillators: evidence from behavioral studies of <i><scp>P</scp>eriod</i>â€mutant mice. European Journal of Neuroscience, 2013, 38, 3044-3053.	2.6	10
13	Highâ€fat diet acutely affects circadian organisation and eating behavior. European Journal of Neuroscience, 2013, 37, 1350-1356.	2.6	152
14	In vitro circadian period is associated with circadian/sleep preference. Scientific Reports, 2013, 3, 2074.	3.3	35
15	In Vivo Monitoring of Multi-Unit Neural Activity in the Suprachiasmatic Nucleus Reveals Robust Circadian Rhythms in Period1âˆ’/âˆ’ Mice. PLoS ONE, 2013, 8, e64333.	2.5	6
16	<i>Period</i> determination in the food-entrainable and methamphetamine-sensitive circadian oscillator(s). Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14218-14223.	7.1	52
17	The Mammalian Circadian System Is Resistant to Dioxin. Journal of Biological Rhythms, 2012, 27, 156-163.	2.6	12
18	Tissue-Specific Function of Period3 in Circadian Rhythmicity. PLoS ONE, 2012, 7, e30254.	2.5	61

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19	Masking Responses to Light in<i>Period</i>Mutant Mice. Chronobiology International, 2011, 28, 657-663.	2.0	17
20	AMPK Regulates Circadian Rhythms in a Tissue- and Isoform-Specific Manner. PLoS ONE, 2011, 6, e18450.	2.5	113
21	Age-Related Decline in Circadian Output. Journal of Neuroscience, 2011, 31, 10201-10205.	3.6	315
22	Circadian Clock Gene Bmal1 Is Not Essential; Functional Replacement with its Paralog, Bmal2. Current Biology, 2010, 20, 316-321.	3.9	116
23	Distinct Functions of Period2 and Period3 in the Mouse Circadian System Revealed by In Vitro Analysis. PLoS ONE, 2010, 5, e8552.	2.5	58
24	Photic Entrainment of<i>Period</i>Mutant Mice is Predicted from Their Phase Response Curves. Journal of Neuroscience, 2010, 30, 12179-12184.	3.6	64
25	Circadian-independent cell mitosis in immortalized fibroblasts. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9665-9670.	7.1	60
26	Disconnected circadian and cell cycles in a tumor-driven cell line. Communicative and Integrative Biology, 2010, 3, 536-539.	1.4	27
27	Endogenous Rhythms in<i>Period1</i>Mutant Suprachiasmatic Nuclei<i>In Vitro</i>Do Not Represent Circadian Behavior. Journal of Neuroscience, 2009, 29, 14681-14686.	3.6	32
28	Ontogeny of Circadian Organization in the Rat. Journal of Biological Rhythms, 2009, 24, 55-63.	2.6	60
29	Robust Food Anticipatory Activity in BMAL1-Deficient Mice. PLoS ONE, 2009, 4, e4860.	2.5	99
30	Circadian mPer1 gene expression in mesencephalic trigeminal nucleus cultures. Brain Research, 2008, 1214, 84-93.	2.2	13
31	In Vivo Monitoring of Circadian Timing in Freely Moving Mice. Current Biology, 2008, 18, 381-385.	3.9	69
32	Expression profiles of 10 circadian clock genes in human peripheral blood mononuclear cells. Neuroscience Research, 2008, 61, 136-142.	1.9	82
33	Resetting of central and peripheral circadian oscillators in aged rats. Neurobiology of Aging, 2008, 29, 471-477.	3.1	117
34	Mitogen-Activated Protein Kinase Is a Functional Component of the Autonomous Circadian System in the Suprachiasmatic Nucleus. Journal of Neuroscience, 2008, 28, 4619-4623.	3.6	48
35	Comment on "Differential Rescue of Light- and Food-Entrainable Circadian Rhythms". Science, 2008, 322, 675-675.	12.6	53
36	An Autonomous Circadian Clock in the Inner Mouse Retina Regulated by Dopamine and GABA. PLoS Biology, 2008, 6, e249.	5.6	133

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37	Mammalian Peripheral Circadian Oscillators Are Temperature Compensated. Journal of Biological Rhythms, 2008, 23, 95-98.	2.6	100
38	SCN: Ringmaster of the Circadian Circus or Conductor of the Circadian Orchestra?. Novartis Foundation Symposium, 2008, , 110-125.	1.1	46
39	Activation of 5â€²-AMP-activated Kinase with Diabetes Drug Metformin Induces Casein Kinase IÉ› (CKIÉ›)-dependent Degradation of Clock Protein mPer2. Journal of Biological Chemistry, 2007, 282, 20794-20798.	3.4	212
40	Constitutive expression of the Period1 gene impairs behavioral and molecular circadian rhythms. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3716-3721.	7.1	55
41	Circadian organization of the mammalian retina. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 9703-9708.	7.1	157
42	Pineal circadian clocks gate arylalkylamine N-acetyltransferase gene expression in the mouse pineal gland. Journal of Neurochemistry, 2005, 93, 156-162.	3.9	27
43	Constant light desynchronizes mammalian clock neurons. Nature Neuroscience, 2005, 8, 267-269.	14.8	336
44	Effects of Preparation Time on Phase of Cultured Tissues Reveal Complexity of Circadian Organization. Journal of Biological Rhythms, 2005, 20, 500-512.	2.6	74
45	Differential Response of Period 1 Expression within the Suprachiasmatic Nucleus. Journal of Neuroscience, 2005, 25, 5481-5487.	3.6	112
46	A noncanonical E-box enhancer drives mouse Period2 circadian oscillations in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2608-2613.	7.1	272
47	Real-Time Luminescence Reporting of Circadian Gene Expression in Mammals. Methods in Enzymology, 2005, 393, 288-301.	1.0	167
48	Plasticity of Circadian Behavior and the Suprachiasmatic Nucleus Following Exposure to Non-24-Hour Light Cycles. Journal of Biological Rhythms, 2004, 19, 198-207.	2.6	77
49	PERIOD2::LUCIFERASE real-time reporting of circadian dynamics reveals persistent circadian oscillations in mouse peripheral tissues. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5339-5346.	7.1	2,032
50	Dissociation between Circadian Per1 and Neuronal and Behavioral Rhythms Following a Shifted Environmental Cycle. Current Biology, 2003, 13, 1538-1542.	3.9	70
51	Circadian gene expression in mammalian fibroblasts revealed by real-time luminescence reporting: Temperature compensation and damping. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 16089-16094.	7.1	142
52	SCN: ringmaster of the circadian circus or conductor of the circadian orchestra?. Novartis Foundation Symposium, 2003, 253, 110-21; discussion 121-5, 281-4.	1.1	29
53	Photic and circadian expression of luciferase in mPeriod1-luc transgenic mice in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 489-494.	7.1	135
54	Effects of aging on central and peripheral mammalian clocks. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 10801-10806.	7.1	274

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55	Circadian Rhythms in Isolated Brain Regions. Journal of Neuroscience, 2002, 22, 350-356.	3.6	580
56	Interaction of the Retina with Suprachiasmatic Pacemakers in the Control of Circadian Behavior. Journal of Biological Rhythms, 2002, 17, 315-329.	2.6	57
57	Food-anticipatory activity and liver per1-luc activity in diabetic transgenic rats. Physiology and Behavior, 2002, 76, 21-26.	2.1	58
58	Entrainment of the Circadian Clock in the Liver by Feeding. Science, 2001, 291, 490-493.	12.6	1,545
59	Circadian Rhythm of ERG in<i>Iguana iguana</i>: Role of the Pineal. Journal of Biological Rhythms, 2000, 15, 163-171.	2.6	15
60	Positional Syntenic Cloning and Functional Characterization of the Mammalian Circadian Mutation tau. Science, 2000, 288, 483-491.	12.6	800
61	No Evidence for Extraocular Photoreceptors in the Circadian System of the Syrian Hamster. Journal of Biological Rhythms, 1999, 14, 197-201.	2.6	87
62	Serotonin-containing cell bodies in novel brain LOCATIONS. NeuroReport, 1999, 10, 431-435.	1.2	9
63	Circadian Behavior and Plasticity of Light-Induced c-fos Expression in SCN of tau Mutant Hamsters. Journal of Biological Rhythms, 1998, 13, 305-314.	2.6	25
64	Rhythmic Properties of the Hamster Suprachiasmatic Nucleus<i>In Vivo</i>. Journal of Neuroscience, 1998, 18, 10709-10723.	3.6	165
65	TTX-resistant Ca2+ oscillation in cultured hypothalamus. NeuroReport, 1995, 6, 1306-1308.	1.2	8
66	Relationships between Bilateral Circadian Pacemakers in Intact and Neurally Separated Optic-Lobes of a Carabid Beetle. Applied Entomology and Zoology, 1995, 30, 537-542.	1.2	4
67	Circadian rhythms of adenosine triphosphate contents in the suprachiasmatic nucleus, anterior hypothalamic area and caudate putamen of the rat â€” negative correlation with electrical activity. Brain Research, 1994, 664, 237-240.	2.2	49
68	Circadian fluctuations of cAMP content in the suprachiasmatic nucleus and the anterior hypothalamus of the rat. Brain Research, 1994, 651, 329-331.	2.2	24
69	Substance P-like immunoreactivity in the suprachiasmatic nucleus of the rat. Brain Research, 1993, 619, 271-277.	2.2	30
70	Circadian rhythm of neuropeptide Y-like immunoreactivity in the iris-ciliary body of the rat. Current Eye Research, 1993, 12, 803-807.	1.5	4
71	Entrainment of the Larval Locomotor Activity Rhythm of a Carabid Beetle, Carabus insulicola insulicola (Coleoptera: Carabidae) to T21 and T24 Cycles and After-Effects on Free-Running Period.. Japanese Journal of Applied Entomology and Zoology, 1992, 36, 169-175.	0.1	0
72	Efferent control in the ocellus of a noctuid moth. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1991, 169, 647.	1.6	3