

Coupled oscillators control morning and evening locom

Nature

431, 862-868

DOI: [10.1038/nature02926](https://doi.org/10.1038/nature02926)

Citation Report

#	ARTICLE	IF	CITATIONS
2	Morning and evening peaks of activity rely on different clock neurons of the <i>Drosophila</i> brain. <i>Nature</i> , 2004, 431, 869-873.	13.7	630
3	Sunrise and sunset in fly brains. <i>Nature</i> , 2004, 431, 751-752.	13.7	11
4	Accessing a transporter structure. <i>Nature</i> , 2004, 431, 752-753.	13.7	11
5	Brain clocks for morning and evening behaviour. <i>Journal of Genetics</i> , 2004, 83, 227-230.	0.4	0
6	PER/TIM-mediated amplification, gene dosage effects and temperature compensation in an interlocking-feedback loop model of the <i>Drosophila</i> circadian clock. <i>Journal of Theoretical Biology</i> , 2005, 237, 41-57.	0.8	40
7	Temperature cycles drive <i>Drosophila</i> circadian oscillation in constant light that otherwise induces behavioural arrhythmicity. <i>European Journal of Neuroscience</i> , 2005, 22, 1176-1184.	1.2	107
8	Measuring Seasonal Time within the Circadian System: Regulation of the Suprachiasmatic Nuclei by Photoperiod. <i>Journal of Neuroendocrinology</i> , 2005, 17, 459-465.	1.2	41
9	A resetting signal between <i>Drosophila</i> pacemakers synchronizes morning and evening activity. <i>Nature</i> , 2005, 438, 238-242.	13.7	264
10	Clock coordination. <i>Nature</i> , 2005, 438, 173-175.	13.7	8
12	The Circadian Timekeeping System of <i>Drosophila</i> . <i>Current Biology</i> , 2005, 15, R714-R722.	1.8	384
13	Circadian Pathway: The Other Shoe Drops. <i>Current Biology</i> , 2005, 15, R987-R989.	1.8	2
15	Two Antiphase Oscillations Occur in Each Suprachiasmatic Nucleus of Behaviorally Split Hamsters. <i>Journal of Neuroscience</i> , 2005, 25, 9017-9026.	1.7	93
16	<i>Drosophila</i> Olfactory Response Rhythms Require Clock Genes but Not Pigment Dispersing Factor or Lateral Neurons. <i>Journal of Biological Rhythms</i> , 2005, 20, 237-244.	1.4	45
17	Why and How Do We Model Circadian Rhythms?. <i>Journal of Biological Rhythms</i> , 2005, 20, 304-313.	1.4	26
18	Disruption of Cryptochrome partially restores circadian rhythmicity to the arrhythmic period mutant of <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 19021-19026.	3.3	36
19	The clock gene period in the medfly <i>Ceratitis capitata</i> . <i>Genetical Research</i> , 2005, 86, 13-30.	0.3	19
20	Circadian rhythms from multiple oscillators: lessons from diverse organisms. <i>Nature Reviews Genetics</i> , 2005, 6, 544-556.	7.7	1,205
21	Connecting the Navigational Clock to Sun Compass Input in Monarch Butterfly Brain. <i>Neuron</i> , 2005, 46, 457-467.	3.8	183

#	ARTICLE	IF	CITATIONS
22	Drosophila GPCR Han Is a Receptor for the Circadian Clock Neuropeptide PDF. <i>Neuron</i> , 2005, 48, 267-278.	3.8	278
23	A G Protein-Coupled Receptor, groom-of-PDF, Is Required for PDF Neuron Action in Circadian Behavior. <i>Neuron</i> , 2005, 48, 221-227.	3.8	217
24	PDF Receptor Signaling in Drosophila Contributes to Both Circadian and Geotactic Behaviors. <i>Neuron</i> , 2005, 48, 213-219.	3.8	313
25	The Ion Channel Narrow Abdomen Is Critical for Neural Output of the Drosophila Circadian Pacemaker. <i>Neuron</i> , 2005, 48, 965-976.	3.8	94
26	Systems Approaches to Biological Rhythms in Drosophila. <i>Methods in Enzymology</i> , 2005, 393, 61-185.	0.4	47
27	Entrainment of the Neurospora Circadian Clock. <i>Chronobiology International</i> , 2006, 23, 71-80.	0.9	24
28	Laboratory behavioural assay of insect magnetoreception: magnetosensitivity of <i>Periplaneta americana</i> . <i>Journal of Experimental Biology</i> , 2006, 209, 3882-3886.	0.8	35
29	Experimental validation of a predicted feedback loop in the multi-oscillator clock of <i>Arabidopsis thaliana</i> . <i>Molecular Systems Biology</i> , 2006, 2, 59.	3.2	379
30	Neural circuits underlying circadian behavior in <i>Drosophila melanogaster</i> . <i>Behavioural Processes</i> , 2006, 71, 211-225.	0.5	34
31	Multiple and Slave Oscillators. , 0, , 57-83.		3
32	Electrophysiological and Anatomical Characterization of PDF-Positive Clock Neurons in the Intact Adult <i>Drosophila</i> Brain. <i>Journal of Neurophysiology</i> , 2006, 95, 3955-3960.	0.9	53
33	The neural basis of <i>Drosophila</i> 's circadian clock. <i>Sleep and Biological Rhythms</i> , 2006, 4, 224-234.	0.5	26
34	Entrainment of <i>Drosophila</i> circadian rhythms by temperature cycles. <i>Sleep and Biological Rhythms</i> , 2006, 4, 240-247.	0.5	13
35	<i>Drosophila</i> and mammalian circadian systems: Similarities on the surface, some differences at the core. <i>Sleep and Biological Rhythms</i> , 2006, 4, 235-239.	0.5	0
36	A role for cardiotrophin-like cytokine in the circadian control of mammalian locomotor activity. <i>Nature Neuroscience</i> , 2006, 9, 212-219.	7.1	150
37	Molecular genetics of the fruit-fly circadian clock. <i>European Journal of Human Genetics</i> , 2006, 14, 729-738.	1.4	44
38	Reminiscences from Pittendrigh's last PhD student. <i>Resonance</i> , 2006, 11, 22-31.	0.2	1
39	Circadian regulation of egg-laying behavior in fruit flies <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2006, 52, 779-785.	0.9	45

#	ARTICLE	IF	CITATIONS
40	Reevaluation of <i>Drosophila melanogaster</i> 's neuronal circadian pacemakers reveals new neuronal classes. <i>Journal of Comparative Neurology</i> , 2006, 498, 180-193.	0.9	182
41	Control of Daily Transcript Oscillations in <i>Drosophila</i> by Light and the Circadian Clock. <i>PLoS Genetics</i> , 2006, 2, e39.	1.5	113
42	Mechanisms of Clock Output in the <i>Drosophila</i> Circadian Pacemaker System. <i>Journal of Biological Rhythms</i> , 2006, 21, 445-457.	1.4	84
43	Electrical Hyperexcitation of Lateral Ventral Pacemaker Neurons Desynchronizes Downstream Circadian Oscillators in the Fly Circadian Circuit and Induces Multiple Behavioral Periods. <i>Journal of Neuroscience</i> , 2006, 26, 479-489.	1.7	251
44	Functional Analysis of Circadian Pacemaker Neurons in <i>Drosophila melanogaster</i> . <i>Journal of Neuroscience</i> , 2006, 26, 2531-2543.	1.7	198
45	Sex- and clock-controlled expression of the neuropeptide F gene in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 12580-12585.	3.3	145
46	Attenuated Circadian Rhythms in Mice Lacking the Prokineticin 2 Gene. <i>Journal of Neuroscience</i> , 2006, 26, 11615-11623.	1.7	149
47	PDF Cycling in the Dorsal Protocerebrum of the <i>Drosophila</i> Brain Is Not Necessary for Circadian Clock Function. <i>Journal of Biological Rhythms</i> , 2006, 21, 104-117.	1.4	45
48	Two Circadian Timing Circuits in <i>Neurospora crassa</i> Cells Share Components and Regulate Distinct Rhythmic Processes. <i>Journal of Biological Rhythms</i> , 2006, 21, 159-168.	1.4	53
49	Phase and Period Responses of the Circadian System of Mice (<i>Mus musculus</i>) to Light Stimuli of Different Duration. <i>Journal of Biological Rhythms</i> , 2006, 21, 362-372.	1.4	101
50	Moonlight shifts the endogenous clock of <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3538-3543.	3.3	129
51	Hofbauer-Buchner Eyelet Affects Circadian Photosensitivity and Coordinates TIM and PER Expression in <i>Drosophila</i> Clock Neurons. <i>Journal of Biological Rhythms</i> , 2007, 22, 29-42.	1.4	73
52	Interactions between Circadian Neurons Control Temperature Synchronization of <i>Drosophila</i> Behavior. <i>Journal of Neuroscience</i> , 2007, 27, 10722-10733.	1.7	82
53	Impaired clock output by altered connectivity in the circadian network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5650-5655.	3.3	51
54	Light Activates Output from Evening Neurons and Inhibits Output from Morning Neurons in the <i>Drosophila</i> Circadian Clock. <i>PLoS Biology</i> , 2007, 5, e315.	2.6	134
55	Inducible and Reversible Clock Gene Expression in Brain Using the tTA System for the Study of Circadian Behavior. <i>PLoS Genetics</i> , 2007, 3, e33.	1.5	54
56	Integration of Light and Temperature in the Regulation of Circadian Gene Expression in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2007, 3, e54.	1.5	160
57	What Makes a Fly Enter Diapause?. <i>Fly</i> , 2007, 1, 307-310.	0.9	47

#	ARTICLE	IF	CITATIONS
58	Separate Sets of Cerebral Clock Neurons Are Responsible for Light and Temperature Entrainment of <i>Drosophila</i> Circadian Locomotor Rhythms. <i>Journal of Biological Rhythms</i> , 2007, 22, 115-126.	1.4	111
59	Clockwork Orange is a transcriptional repressor and a new <i>Drosophila</i> circadian pacemaker component. <i>Genes and Development</i> , 2007, 21, 1675-1686.	2.7	166
60	Functional Role of CREB-Binding Protein in the Circadian Clock System of <i>Drosophila melanogaster</i> . <i>Molecular and Cellular Biology</i> , 2007, 27, 4876-4890.	1.1	47
61	Intracellular Ca ²⁺ Regulates Free-Running Circadian Clock Oscillation <i>In Vivo</i> . <i>Journal of Neuroscience</i> , 2007, 27, 12489-12499.	1.7	119
62	Complexity of the <i>Neurospora crassa</i> Circadian Clock System: Multiple Loops and Oscillators. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2007, 72, 345-351.	2.0	19
63	Thermosensitive Splicing of a Clock Gene and Seasonal Adaptation. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2007, 72, 599-606.	2.0	24
64	Transcriptional Feedback Loop Regulation, Function, and Ontogeny in <i>Drosophila</i> . <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2007, 72, 437-444.	2.0	24
65	What Is There Left to Learn about the <i>Drosophila</i> Clock?. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2007, 72, 243-250.	2.0	5
66	Circadian control of the sleep-wake cycle. <i>Physiology and Behavior</i> , 2007, 90, 190-195.	1.0	75
67	A Subset of Dorsal Neurons Modulates Circadian Behavior and Light Responses in <i>Drosophila</i> . <i>Neuron</i> , 2007, 53, 689-701.	3.8	119
68	Two Oscillators Are Better Than One: A Circadian Pacemaker Escapes from the Light. <i>Neuron</i> , 2007, 53, 621-623.	3.8	0
69	Glia Got Rhythm. <i>Neuron</i> , 2007, 55, 337-339.	3.8	3
70	The suprachiasmatic nucleus functions beyond circadian rhythm generation. <i>Neuroscience</i> , 2007, 149, 508-517.	1.1	109
71	The <i>Drosophila</i> Circadian Network Is a Seasonal Timer. <i>Cell</i> , 2007, 129, 207-219.	13.5	221
72	A Blend of Two Circadian Clocks, Seasoned to Perfection. <i>Cell</i> , 2007, 129, 21-23.	13.5	0
73	The <i>Drosophila</i> ARC homolog regulates behavioral responses to starvation. <i>Molecular and Cellular Neurosciences</i> , 2007, 36, 211-221.	1.0	60
74	The Inner Life of Bursts. <i>Neuron</i> , 2007, 55, 339-341.	3.8	4
75	Two Oscillators Might Control the Locomotor Activity Rhythm of the High-Altitude Himalayan Strain of <i>Drosophila Helvetica</i> . <i>Chronobiology International</i> , 2007, 24, 821-834.	0.9	9

#	ARTICLE	IF	CITATIONS
76	Selection on the timing of adult emergence results in altered circadian clocks in fruit flies <i>Drosophila melanogaster</i> . <i>Journal of Experimental Biology</i> , 2007, 210, 906-918.	0.8	34
77	Natural plasticity in circadian rhythms is mediated by reorganization in the molecular clockwork in honeybees. <i>FASEB Journal</i> , 2007, 21, 2304-2311.	0.2	67
78	5-HT ₂ receptors in <i>Drosophila</i> are expressed in the brain and modulate aspects of circadian behaviors. <i>Developmental Neurobiology</i> , 2007, 67, 752-763.	1.5	67
79	Start the clock! Circadian rhythms and development. <i>Developmental Dynamics</i> , 2007, 236, 142-155.	0.8	61
80	Development and morphology of the clock-gene-expressing lateral neurons of <i>Drosophila melanogaster</i> . <i>Journal of Comparative Neurology</i> , 2007, 500, 47-70.	0.9	207
81	Neurons and networks in daily rhythms. <i>Nature Reviews Neuroscience</i> , 2007, 8, 790-802.	4.9	259
82	Sex differences in survival and mitochondrial bioenergetics during aging in <i>Drosophila</i> . <i>Aging Cell</i> , 2007, 6, 699-708.	3.0	45
83	Combinatorial methods for refined neuronal gene targeting. <i>Current Opinion in Neurobiology</i> , 2007, 17, 572-580.	2.0	35
84	Nocturnal Male Sex Drive in <i>Drosophila</i> . <i>Current Biology</i> , 2007, 17, 244-251.	1.8	131
85	clockwork orange Encodes a Transcriptional Repressor Important for Circadian-Clock Amplitude in <i>Drosophila</i> . <i>Current Biology</i> , 2007, 17, 1082-1089.	1.8	141
86	Endogenous rhythms of locomotion in the American horseshoe crab, <i>Limulus polyphemus</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 345, 79-89.	0.7	128
87	Possible evidence for morning and evening oscillators in <i>Drosophila melanogaster</i> populations selected for early and late adult emergence. <i>Journal of Insect Physiology</i> , 2007, 53, 332-342.	0.9	7
88	Neuroanatomical Approaches to the Study of Insect Photoperiodism. <i>Photochemistry and Photobiology</i> , 2007, 83, 76-86.	1.3	43
89	Even a stopped clock tells the right time twice a day: circadian timekeeping in <i>Drosophila</i> . <i>Pflugers Archiv European Journal of Physiology</i> , 2007, 454, 857-867.	1.3	14
90	A Plastic Clock: How Circadian Rhythms Respond to Environmental Cues in <i>Drosophila</i> . <i>Molecular Neurobiology</i> , 2008, 38, 129-145.	1.9	117
91	The <i>Drosophila melanogaster</i> circadian pacemaker circuit. <i>Journal of Genetics</i> , 2008, 87, 485-493.	0.4	29
92	A peripheral pacemaker drives the circadian rhythm of synaptic boutons in <i>Drosophila</i> independently of synaptic activity. <i>Cell and Tissue Research</i> , 2008, 334, 103-109.	1.5	15
93	Cryptochrome is present in the compound eyes and a subset of <i>Drosophila</i> 's clock neurons. <i>Journal of Comparative Neurology</i> , 2008, 508, 952-966.	0.9	221

#	ARTICLE	IF	CITATIONS
94	<i>Peripheral Circadian Oscillators</i> . Annals of the New York Academy of Sciences, 2008, 1129, 358-370.	1.8	92
95	For whom the bells toll: Networked circadian clocks. Sleep and Biological Rhythms, 2008, 6, 67-75.	0.5	7
96	The axoná€guidance <i>roundabout</i> gene alters the pace of the <i>Drosophila</i> circadian clock. European Journal of Neuroscience, 2008, 27, 396-407.	1.2	10
97	Organization of cell and tissue circadian pacemakers: A comparison among species. Brain Research Reviews, 2008, 58, 18-47.	9.1	72
98	Organization of the <i>Drosophila</i> Circadian Control Circuit. Current Biology, 2008, 18, R84-R93.	1.8	274
99	Clines in clock genes: fine-tuning circadian rhythms to the environment. Trends in Genetics, 2008, 24, 124-132.	2.9	140
100	The Blue-Light Photoreceptor CRYPTOCHROME Is Expressed in a Subset of Circadian Oscillator Neurons in the <i>Drosophila</i> CNS. Journal of Biological Rhythms, 2008, 23, 296-307.	1.4	94
102	Widespread Receptivity to Neuropeptide PDF throughout the Neuronal Circadian Clock Network of <i>Drosophila</i> Revealed by Real-Time Cyclic AMP Imaging. Neuron, 2008, 58, 223-237.	3.8	295
103	PDF Cells Are a GABA-Responsive Wake-Promoting Component of the <i>Drosophila</i> Sleep Circuit. Neuron, 2008, 60, 672-682.	3.8	366
104	The Biological Clock and Its Resetting by Light. , 2008, , 321-388.		3
105	The <i>Drosophila</i> Circadian Pacemaker Circuit: Pas de Deux or Tarantella?. Critical Reviews in Biochemistry and Molecular Biology, 2008, 43, 37-61.	2.3	36
106	Absolute Temperature. , 2008, , 2-2.		1
107	Behavioral Dissection of the <i>Drosophila</i> Circadian Multioscillator System that Regulates Locomotor Rhythms. Zoological Science, 2008, 25, 1146-1155.	0.3	9
108	Circadian Phenotypes of <i>Drosophila</i> Fragile X Mutants in Alternative Genetic Backgrounds. Zoological Science, 2008, 25, 561-571.	0.3	18
109	Circadian Control of Membrane Excitability in <i>Drosophila melanogaster</i> Lateral Ventral Clock Neurons. Journal of Neuroscience, 2008, 28, 6493-6501.	1.7	141
110	<i>Drosophila</i> ATF-2 Regulates Sleep and Locomotor Activity in Pacemaker Neurons. Molecular and Cellular Biology, 2008, 28, 6278-6289.	1.1	24
111	Light-arousal and circadian photoreception circuits intersect at the large PDF cells of the <i>Drosophila</i> brain. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19587-19594.	3.3	275
112	Pigment-Dispersing Factor (PDF) Has Different Effects on <i>Drosophila</i> 's Circadian Clocks in the Accessory Medulla and in the Dorsal Brain. Journal of Biological Rhythms, 2008, 23, 409-424.	1.4	65

#	ARTICLE	IF	CITATIONS
113	Circadian Remodeling of Neuronal Circuits Involved in Rhythmic Behavior. <i>PLoS Biology</i> , 2008, 6, e69.	2.6	192
114	Lego clocks: building a clock from parts. <i>Genes and Development</i> , 2008, 22, 1422-1426.	2.7	10
115	Dominant-Negative CK2 ^{1±} Induces Potent Effects on Circadian Rhythmicity. <i>PLoS Genetics</i> , 2008, 4, e12.	1.5	47
116	TIMELESS Is an Important Mediator of CK2 Effects on Circadian Clock Function <i>In Vivo</i> . <i>Journal of Neuroscience</i> , 2008, 28, 9732-9740.	1.7	39
117	Electrical Silencing of PDF Neurons Advances the Phase of non-PDF Clock Neurons in <i>Drosophila</i> . <i>Journal of Biological Rhythms</i> , 2008, 23, 117-128.	1.4	50
118	Neurotransmitter-Mediated Collective Rhythms in Grouped <i>Drosophila</i> Circadian Clocks. <i>Journal of Biological Rhythms</i> , 2008, 23, 472-482.	1.4	22
119	Circadian- and Light-Dependent Regulation of Resting Membrane Potential and Spontaneous Action Potential Firing of <i>Drosophila</i> Circadian Pacemaker Neurons. <i>Journal of Neurophysiology</i> , 2008, 99, 976-988.	0.9	186
120	PDF as a coupling mediator between the light-entrainable and temperature-entrainable clocks in <i>Drosophila melanogaster</i> . <i>Acta Biologica Hungarica</i> , 2008, 59, 149-155.	0.7	10
121	Phase Coupling of a Circadian Neuropeptide With Rest/Activity Rhythms Detected Using a Membrane-Tethered Spider Toxin. <i>PLoS Biology</i> , 2008, 6, e273.	2.6	53
122	Function of the Shaw Potassium Channel within the <i>Drosophila</i> Circadian Clock. <i>PLoS ONE</i> , 2008, 3, e2274.	1.1	40
123	Perturbing Dynamin Reveals Potent Effects on the <i>Drosophila</i> Circadian Clock. <i>PLoS ONE</i> , 2009, 4, e5235.	1.1	26
124	Temporal requirements of the fragile X mental retardation protein in modulating circadian clock circuit synaptic architecture. <i>Frontiers in Neural Circuits</i> , 2009, 3, 8.	1.4	42
125	Phase organization of circadian oscillators in extended gate and oscillator models. <i>Nature Precedings</i> , 2009, , .	0.1	0
126	Circadian rhythms of locomotor activity in Indian walking catfish, <i>Clarias batrachus</i> . <i>Biological Rhythm Research</i> , 2009, 40, 201-209.	0.4	9
127	Does the Morning and Evening Oscillator Model Fit Better for Flies or Mice?. <i>Journal of Biological Rhythms</i> , 2009, 24, 259-270.	1.4	63
128	Pigment Dispersing Factor: An Output Regulator of the Circadian Clock in the German Cockroach. <i>Journal of Biological Rhythms</i> , 2009, 24, 35-43.	1.4	38
129	Comparative Analysis of Pdf-Mediated Circadian Behaviors Between <i>Drosophila melanogaster</i> and <i>D. virilis</i> . <i>Genetics</i> , 2009, 181, 965-975.	1.2	69
130	A Role for Blind DN2 Clock Neurons in Temperature Entrainment of the <i>Drosophila</i> Larval Brain. <i>Journal of Neuroscience</i> , 2009, 29, 8312-8320.	1.7	41

#	ARTICLE	IF	CITATIONS
131	The COP9 Signalosome Is Required for Light-Dependent Timeless Degradation and <i>Drosophila</i> Clock Resetting. <i>Journal of Neuroscience</i> , 2009, 29, 1152-1162.	1.7	33
132	A role for microRNAs in the <i>Drosophila</i> circadian clock. <i>Genes and Development</i> , 2009, 23, 2179-2191.	2.7	178
133	HSP90, a Capacitor of Behavioral Variation. <i>Journal of Biological Rhythms</i> , 2009, 24, 183-192.	1.4	20
134	The Neuropeptide Pigment-Dispersing Factor Adjusts Period and Phase of <i>Drosophila</i> 's Clock. <i>Journal of Neuroscience</i> , 2009, 29, 2597-2610.	1.7	225
135	<i>Period</i> Gene Expression in Four Neurons Is Sufficient for Rhythmic Activity of <i>Drosophila melanogaster</i> under Dim Light Conditions. <i>Journal of Biological Rhythms</i> , 2009, 24, 271-282.	1.4	51
136	Roles of PER immunoreactive neurons in circadian rhythms and photoperiodism in the blow fly, <i>Protophormia terraenovae</i> . <i>Journal of Experimental Biology</i> , 2009, 212, 867-877.	0.8	81
137	The Neuropeptide PDF Acts Directly on Evening Pacemaker Neurons to Regulate Multiple Features of Circadian Behavior. <i>PLoS Biology</i> , 2009, 7, e1000154.	2.6	93
138	A Constant Light-Genetic Screen Identifies KISMET as a Regulator of Circadian Photoresponses. <i>PLoS Genetics</i> , 2009, 5, e1000787.	1.5	39
139	Synergic Entrainment of <i>Drosophila</i> 's Circadian Clock by Light and Temperature. <i>Journal of Biological Rhythms</i> , 2009, 24, 452-464.	1.4	106
140	Analysis of the <i>Drosophila</i> Clock Promoter Reveals Heterogeneity in Expression between Subgroups of Central Oscillator Cells and Identifies a Novel Enhancer Region. <i>Journal of Biological Rhythms</i> , 2009, 24, 353-367.	1.4	99
141	Clock genes <i>period</i> and <i>timeless</i> are rhythmically expressed in brains of newly hatched, photosensitive larvae of the fly, <i>Sarcophaga crassipalpis</i> . <i>Journal of Insect Physiology</i> , 2009, 55, 408-414.	0.9	42
142	Body size-related variation in Pigment Dispersing Factor-immunoreactivity in the brain of the bumblebee <i>Bombus terrestris</i> (Hymenoptera, Apidae). <i>Journal of Insect Physiology</i> , 2009, 55, 479-487.	0.9	30
143	The GABAA Receptor RDL Acts in Peptidergic PDF Neurons to Promote Sleep in <i>Drosophila</i> . <i>Current Biology</i> , 2009, 19, 386-390.	1.8	187
144	Cellular Dissection of Circadian Peptide Signals with Genetically Encoded Membrane-Tethered Ligands. <i>Current Biology</i> , 2009, 19, 1167-1175.	1.8	76
145	The CRYPTOCHROME Photoreceptor Gates PDF Neuropeptide Signaling to Set Circadian Network Hierarchy in <i>Drosophila</i> . <i>Current Biology</i> , 2009, 19, 2050-2055.	1.8	45
146	Peptidergic clock neurons in <i>Drosophila</i> : Ion transport peptide and short neuropeptide F in subsets of dorsal and ventral lateral neurons. <i>Journal of Comparative Neurology</i> , 2009, 516, 59-73.	0.9	181
147	The Fragile X Mental Retardation Protein in Circadian Rhythmicity and Memory Consolidation. <i>Molecular Neurobiology</i> , 2009, 39, 107-129.	1.9	32
148	Remodeling the clock: coactivators and signal transduction in the circadian clockworks. <i>Die Naturwissenschaften</i> , 2009, 96, 321-337.	0.6	19

#	ARTICLE	IF	CITATIONS
149	Selective entrainment of the <i>Drosophila</i> circadian clock to daily gradients in environmental temperature. <i>BMC Biology</i> , 2009, 7, 49.	1.7	48
150	PDF-modulated visual inputs and cryptochrome define diurnal behavior in <i>Drosophila</i> . <i>Nature Neuroscience</i> , 2009, 12, 1431-1437.	7.1	77
151	Discovery and characterization of a conserved pigment dispersing factor-like neuropeptide pathway in <i>Caenorhabditis elegans</i> . <i>Journal of Neurochemistry</i> , 2009, 111, 228-241.	2.1	75
152	Functional neurogenomics of the courtship song of male <i>Drosophila melanogaster</i> . <i>Cortex</i> , 2009, 45, 18-34.	1.1	13
153	Characteristics of genes up-regulated and down-regulated after 24h starvation in the head of <i>Drosophila</i> . <i>Gene</i> , 2009, 446, 11-17.	1.0	48
154	Two Different Forms of Arousal in <i>Drosophila</i> Are Oppositely Regulated by the Dopamine D1 Receptor Ortholog DopR via Distinct Neural Circuits. <i>Neuron</i> , 2009, 64, 522-536.	3.8	246
155	Quantitative analysis of regulatory flexibility under changing environmental conditions. <i>Molecular Systems Biology</i> , 2010, 6, 424.	3.2	99
156	Increased Late Night Response to Light Controls the Circadian Pacemaker in a Nocturnal Primate. <i>Journal of Biological Rhythms</i> , 2010, 25, 186-196.	1.4	11
157	A comparative view of insect circadian clock systems. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 1397-1406.	2.4	143
158	Effect of photoperiod on clock gene expression and subcellular distribution of PERIOD in the circadian clock neurons of the blow fly <i>Protophormia terraenovae</i> . <i>Cell and Tissue Research</i> , 2010, 340, 497-507.	1.5	23
159	Circadian Biology: Environmental Regulation of a Multi-Oscillator Network. <i>Current Biology</i> , 2010, 20, R322-R324.	1.8	9
160	Apoptosis: Conserved Roles for Integrins in Clearance. <i>Current Biology</i> , 2010, 20, R324-R327.	1.8	10
161	Light and Temperature Control the Contribution of Specific DN1 Neurons to <i>Drosophila</i> Circadian Behavior. <i>Current Biology</i> , 2010, 20, 600-605.	1.8	164
162	DN1p Circadian Neurons Coordinate Acute Light and PDF Inputs to Produce Robust Daily Behavior in <i>Drosophila</i> . <i>Current Biology</i> , 2010, 20, 591-599.	1.8	158
163	Clock and cycle Limit Starvation-Induced Sleep Loss in <i>Drosophila</i> . <i>Current Biology</i> , 2010, 20, 1209-1215.	1.8	211
164	Synaptic connections of PDF-immunoreactive lateral neurons projecting to the dorsal protocerebrum of <i>Drosophila melanogaster</i> . <i>Journal of Comparative Neurology</i> , 2010, 518, 292-304.	0.9	53
165	PDF receptor expression reveals direct interactions between circadian oscillators in <i>Drosophila</i> . <i>Journal of Comparative Neurology</i> , 2010, 518, 1925-1945.	0.9	166
166	Phase organization of circadian oscillators in extended gate and oscillator models. <i>Journal of Theoretical Biology</i> , 2010, 264, 367-376.	0.8	4

#	ARTICLE	IF	CITATIONS
167	A circularly coupled oscillator system for relative phase regulation and its application to timing control of a multicylinder engine. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2010, 15, 3100-3112.	1.7	1
168	The essential role of bursicon during <i>Drosophila</i> development. <i>BMC Developmental Biology</i> , 2010, 10, 92.	2.1	67
169	Evening circadian oscillator as the primary determinant of rhythmic motivation for <i>Drosophila</i> courtship behavior. <i>Genes To Cells</i> , 2010, 15, 1240-1248.	0.5	30
170	Dissecting differential gene expression within the circadian neuronal circuit of <i>Drosophila</i> . <i>Nature Neuroscience</i> , 2010, 13, 60-68.	7.1	135
171	Clocks not winding down: unravelling circadian networks. <i>Nature Reviews Molecular Cell Biology</i> , 2010, 11, 764-776.	16.1	394
172	Circatidal rhythms of locomotion in the American horseshoe crab <i>Limulus polyphemus</i> : Underlying mechanisms and cues that influence them. <i>Environmental Epigenetics</i> , 2010, 56, 499-517.	0.9	51
173	Circadian clocks in crustaceans: identified neuronal and cellular systems. <i>Frontiers in Bioscience - Landmark</i> , 2010, 15, 1040.	3.0	89
174	The Comparison between Circadian Oscillators in Mouse Liver and Pituitary Gland Reveals Different Integration of Feeding and Light Schedules. <i>PLoS ONE</i> , 2010, 5, e15316.	1.1	35
175	Biological clocks and rhythms in intertidal crustaceans. <i>Frontiers in Bioscience - Elite</i> , 2010, E2, 1394-1404.	0.9	9
177	Surprising gene expression patterns within and between PDF-containing circadian neurons in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13497-13502.	3.3	154
178	The Transcription Factor Mef2 Is Required for Normal Circadian Behavior in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2010, 30, 5855-5865.	1.7	53
179	Cryptochrome-Positive and -Negative Clock Neurons in <i>Drosophila</i> Entrain Differentially to Light and Temperature. <i>Journal of Biological Rhythms</i> , 2010, 25, 387-398.	1.4	65
180	Ventral lateral and DN1 clock neurons mediate distinct properties of male sex drive rhythm in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10590-10595.	3.3	42
181	Fragile X mental retardation protein has a unique, evolutionarily conserved neuronal function not shared with FXR1P or FXR2P. <i>DMM Disease Models and Mechanisms</i> , 2010, 3, 471-485.	1.2	58
182	Refinement of Tools for Targeted Gene Expression in <i>Drosophila</i> . <i>Genetics</i> , 2010, 186, 735-755.	1.2	1,006
183	DOES THE CHRONOTYPE CLASSIFICATION NEED TO BE UPDATED? PRELIMINARY FINDINGS. <i>Chronobiology International</i> , 2010, 27, 1329-1334.	0.9	22
184	<i>Drosophila</i> neuropeptides in regulation of physiology and behavior. <i>Progress in Neurobiology</i> , 2010, 92, 42-104.	2.8	442
185	Light-Mediated TIM Degradation within <i>Drosophila</i> Pacemaker Neurons (s-LNvs) Is Neither Necessary nor Sufficient for Delay Zone Phase Shifts. <i>Neuron</i> , 2010, 66, 378-385.	3.8	53

#	ARTICLE	IF	CITATIONS
186	Suprachiasmatic Nucleus: Cell Autonomy and Network Properties. Annual Review of Physiology, 2010, 72, 551-577.	5.6	1,056
187	Analysis of circadian locomotor rhythms in vg and cryb mutants of Drosophila melanogaster under different light:dark regimens. Biological Rhythm Research, 2011, 42, 321-335.	0.4	1
188	Functional Conservation of Clock Output Signaling between Flies and Intertidal Crabs. Journal of Biological Rhythms, 2011, 26, 518-529.	1.4	11
189	Circadian Plasticity: From Structure to Behavior. International Review of Neurobiology, 2011, 99, 107-138.	0.9	22
190	Cell autonomy and synchrony of suprachiasmatic nucleus circadian oscillators. Trends in Neurosciences, 2011, 34, 349-358.	4.2	195
191	A comparative review of short and long neuropeptide F signaling in invertebrates: Any similarities to vertebrate neuropeptide Y signaling?. Peptides, 2011, 32, 1335-1355.	1.2	271
192	Signalling through pigment dispersing hormone-like peptides in invertebrates. Progress in Neurobiology, 2011, 93, 125-147.	2.8	60
193	Fragile X mental retardation protein is required for programmed cell death and clearance of developmentally-transient peptidergic neurons. Developmental Biology, 2011, 356, 291-307.	0.9	29
194	Biochemical Frequency Control by Synchronisation of Coupled Repressilators: An In Silico Study of Modules for Circadian Clock Systems. Computational Intelligence and Neuroscience, 2011, 2011, 1-9.	1.1	7
195	PDFR and CRY Signaling Converge in a Subset of Clock Neurons to Modulate the Amplitude and Phase of Circadian Behavior in Drosophila. PLoS ONE, 2011, 6, e18974.	1.1	65
196	The Clock Input to the First Optic Neuropil of Drosophila melanogaster Expressing Neuronal Circadian Plasticity. PLoS ONE, 2011, 6, e21258.	1.1	25
197	Circadian Consequence of Socio-Sexual Interactions in Fruit Flies Drosophila melanogaster. PLoS ONE, 2011, 6, e28336.	1.1	13
198	Unity and diversity in the insect photoperiodic mechanism*. Entomological Science, 2011, 14, 235-244.	0.3	45
199	The novel gene twenty-four defines a critical translational step in the Drosophila clock. Nature, 2011, 470, 399-403.	13.7	79
200	Insect photoperiodic calendar and circadian clock: Independence, cooperation, or unity?. Journal of Insect Physiology, 2011, 57, 538-556.	0.9	127
201	Deciphering time measurement: The role of circadian "clock" genes and formal experimentation in insect photoperiodism. Journal of Insect Physiology, 2011, 57, 557-566.	0.9	84
202	Glial Cells Physiologically Modulate Clock Neurons and Circadian Behavior in a Calcium-Dependent Manner. Current Biology, 2011, 21, 625-634.	1.8	130
203	Adult-Specific Electrical Silencing of Pacemaker Neurons Uncouples Molecular Clock from Circadian Outputs. Current Biology, 2011, 21, 1783-1793.	1.8	114

#	ARTICLE	IF	CITATIONS
204	Distribution of serotonin (5-HT) and its receptors in the insect brain with focus on the mushroom bodies. Lessons from <i>Drosophila melanogaster</i> and <i>Apis mellifera</i> . <i>Arthropod Structure and Development</i> , 2011, 40, 381-394.	0.8	97
205	Setting the clock “by nature: Circadian rhythm in the fruitfly <i>Drosophila melanogaster</i> . <i>FEBS Letters</i> , 2011, 585, 1435-1442.	1.3	195
206	Dissipative structures in systems of diffusion-bonded chemical nano- and micro oscillators. <i>Russian Journal of General Chemistry</i> , 2011, 81, 181-190.	0.3	1
207	Animal clocks: a multitude of molecular mechanisms for circadian timekeeping. <i>Wiley Interdisciplinary Reviews RNA</i> , 2011, 2, 312-320.	3.2	24
208	Molecular Genetic Analysis of Circadian Timekeeping in <i>Drosophila</i> . <i>Advances in Genetics</i> , 2011, 74, 141-173.	0.8	324
209	Identifying Specific Light Inputs for Each Subgroup of Brain Clock Neurons in <i>Drosophila</i> Larvae. <i>Journal of Neuroscience</i> , 2011, 31, 17406-17415.	1.7	14
210	Adult Circadian Behavior in <i>Drosophila</i> Requires Developmental Expression of cycle, But Not period. <i>PLoS Genetics</i> , 2011, 7, e1002167.	1.5	15
211	Analysis of functional neuronal connectivity in the <i>Drosophila</i> brain. <i>Journal of Neurophysiology</i> , 2012, 108, 684-696.	0.9	114
212	CULLIN-3 Controls TIMELESS Oscillations in the <i>Drosophila</i> Circadian Clock. <i>PLoS Biology</i> , 2012, 10, e1001367.	2.6	51
213	No lazing on sunny afternoons. <i>Nature</i> , 2012, 484, 325-326.	13.7	1
214	Two clocks in the brain. <i>Progress in Brain Research</i> , 2012, 199, 59-82.	0.9	64
215	In vivo neuronal function of the fragile X mental retardation protein is regulated by phosphorylation. <i>Human Molecular Genetics</i> , 2012, 21, 900-915.	1.4	44
216	CLOCK deubiquitylation by USP8 inhibits CLK/CYC transcription in <i>Drosophila</i> . <i>Genes and Development</i> , 2012, 26, 2536-2549.	2.7	33
217	Sympatric <i>Drosophilid</i> Species <i>melanogaster</i> and <i>ananassae</i> Differ in Temporal Patterns of Activity. <i>Journal of Biological Rhythms</i> , 2012, 27, 365-376.	1.4	26
218	Flies in the North. <i>Journal of Biological Rhythms</i> , 2012, 27, 377-387.	1.4	44
219	Influence of Photoperiod in Accelerating the Reentrainment in <i>Drosophila</i> . <i>Chronobiology International</i> , 2012, 29, 1405-1411.	0.9	1
220	Large Ventral Lateral Neurons Determine the Phase of Evening Activity Peak across Photoperiods in <i>Drosophila melanogaster</i> . <i>Journal of Biological Rhythms</i> , 2012, 27, 267-279.	1.4	14
221	Reciprocal cholinergic and GABAergic modulation of the small ventrolateral pacemaker neurons of <i>Drosophila</i> 's circadian clock neuron network. <i>Journal of Neurophysiology</i> , 2012, 107, 2096-2108.	0.9	43

#	ARTICLE	IF	CITATIONS
222	The Circadian Clock of the Fly: A Neurogenetics Journey Through Time. <i>Advances in Genetics</i> , 2012, 77, 79-123.	0.8	122
223	NAT1/DAP5/p97 and Atypical Translational Control in the <i>Drosophila</i> Circadian Oscillator. <i>Genetics</i> , 2012, 192, 943-957.	1.2	35
224	Autoreceptor Control of Peptide/Neurotransmitter Corelease from PDF Neurons Determines Allocation of Circadian Activity in <i>Drosophila</i> . <i>Cell Reports</i> , 2012, 2, 332-344.	2.9	76
225	Daily rhythms of PERIOD protein in the eyestalk of the American lobster, <i>Homarus americanus</i> . <i>Marine and Freshwater Behaviour and Physiology</i> , 2012, 45, 269-279.	0.4	4
226	A Mechanism for Circadian Control of Pacemaker Neuron Excitability. <i>Journal of Biological Rhythms</i> , 2012, 27, 353-364.	1.4	49
227	Balance of Activity between LNvs and Glutamatergic Dorsal Clock Neurons Promotes Robust Circadian Rhythms in <i>Drosophila</i> . <i>Neuron</i> , 2012, 74, 706-718.	3.8	77
228	Genes for iron metabolism influence circadian rhythms in <i>Drosophila melanogaster</i> . <i>Metalomics</i> , 2012, 4, 928.	1.0	55
229	Old flies have a robust central oscillator but weaker behavioral rhythms that can be improved by genetic and environmental manipulations. <i>Aging Cell</i> , 2012, 11, 428-438.	3.0	92
230	The Nuclear Receptor unfulfilled Is Required for Free-Running Clocks in <i>Drosophila</i> Pacemaker Neurons. <i>Current Biology</i> , 2012, 22, 1221-1227.	1.8	18
231	Control of Sleep by Cyclin A and Its Regulator. <i>Science</i> , 2012, 335, 1617-1621.	6.0	73
232	Unexpected features of <i>Drosophila</i> circadian behavioural rhythms under natural conditions. <i>Nature</i> , 2012, 484, 371-375.	13.7	260
233	Identifying behavioral circuits in <i>Drosophila melanogaster</i> : moving targets in a flying insect. <i>Current Opinion in Neurobiology</i> , 2012, 22, 609-614.	2.0	31
234	Circadian Rhythm of Temperature Preference and Its Neural Control in <i>Drosophila</i> . <i>Current Biology</i> , 2012, 22, 1851-1857.	1.8	84
235	Peptide Neuromodulation in Invertebrate Model Systems. <i>Neuron</i> , 2012, 76, 82-97.	3.8	237
236	Solitary and Gregarious Locusts Differ in Circadian Rhythmicity of a Visual Output Neuron. <i>Journal of Biological Rhythms</i> , 2012, 27, 196-205.	1.4	17
237	Paradoxical Masking Effects of Bright Photophase and High Temperature in <i>Drosophila malerkotliana</i> . <i>Chronobiology International</i> , 2012, 29, 157-165.	0.9	9
238	In search of a temporal niche. <i>Progress in Brain Research</i> , 2012, 199, 281-304.	0.9	166
239	Molecular and Neural Control of Insect Circadian Rhythms. , 2012, , 513-551.		18

#	ARTICLE	IF	CITATIONS
240	The Dual-Oscillator System of <i>Drosophila melanogaster</i> Under Natural-Like Temperature Cycles. <i>Chronobiology International</i> , 2012, 29, 395-407.	0.9	25
241	Sex and age related changes in the locomotor activity and phototactic behaviors of two closely related species of <i>Camponotus</i> ants. <i>Journal of Insect Physiology</i> , 2012, 58, 75-82.	0.9	9
242	Temperature can entrain egg laying rhythm of <i>Drosophila</i> but may not be a stronger zeitgeber than light. <i>Journal of Insect Physiology</i> , 2012, 58, 245-255.	0.9	9
243	Neuropeptide F immunoreactive clock neurons modify evening locomotor activity and free-running period in <i>Drosophila melanogaster</i> . <i>Journal of Comparative Neurology</i> , 2012, 520, 970-987.	0.9	81
244	Circadian expression of the presynaptic active zone protein bruchpilot in the lamina of <i>Drosophila melanogaster</i> . <i>Developmental Neurobiology</i> , 2013, 73, 14-26.	1.5	55
245	Circadian Timing. , 2013, , 609-627.		0
246	GW182 Controls <i>Drosophila</i> Circadian Behavior and PDF-Receptor Signaling. <i>Neuron</i> , 2013, 78, 152-165.	3.8	46
247	Emerging roles for post-transcriptional regulation in circadian clocks. <i>Nature Neuroscience</i> , 2013, 16, 1544-1550.	7.1	138
248	Retrograde Bone Morphogenetic Protein Signaling Shapes a Key Circadian Pacemaker Circuit. <i>Journal of Neuroscience</i> , 2013, 33, 687-696.	1.7	17
249	Micro-Managing the Circadian Clock: The Role of microRNAs in Biological Timekeeping. <i>Journal of Molecular Biology</i> , 2013, 425, 3609-3624.	2.0	71
250	The circadian clock network in the brain of different <i>Drosophila</i> species. <i>Journal of Comparative Neurology</i> , 2013, 521, 367-388.	0.9	58
251	Environmentally-induced modulations of developmental rates do not affect the selection-mediated changes in pre-adult development time of fruit flies <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2013, 59, 729-737.	0.9	3
252	Dissociation of Circadian and Circatidal Timekeeping in the Marine Crustacean <i>Eurydice pulchra</i> . <i>Current Biology</i> , 2013, 23, 1863-1873.	1.8	153
253	<i>Drosophila</i> TRPA1 Functions in Temperature Control of Circadian Rhythm in Pacemaker Neurons. <i>Journal of Neuroscience</i> , 2013, 33, 6716-6725.	1.7	57
254	The circadian system: Plasticity at many levels. <i>Neuroscience</i> , 2013, 247, 280-293.	1.1	44
255	ATAXIN-2 Activates PERIOD Translation to Sustain Circadian Rhythms in <i>Drosophila</i> . <i>Science</i> , 2013, 340, 875-879.	6.0	136
256	Regulation of circadian locomotor rhythm by neuropeptide <i>Y</i> -like system in <i>Drosophila melanogaster</i> . <i>Insect Molecular Biology</i> , 2013, 22, 376-388.	1.0	33
257	Adaptation of molecular circadian clockwork to environmental changes: a role for alternative splicing and miRNAs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130011.	1.2	31

#	ARTICLE	IF	CITATIONS
258	Modulation of Epigenetic Targets for Anticancer Therapy: Clinicopathological Relevance, Structural Data and Drug Discovery Perspectives. <i>Current Pharmaceutical Design</i> , 2013, 19, 578-613.	0.9	69
259	Translational Profiling of Clock Cells Reveals Circadianly Synchronized Protein Synthesis. <i>PLoS Biology</i> , 2013, 11, e1001703.	2.6	77
260	Mammalian Rest/Activity Patterns Explained by Physiologically Based Modeling. <i>PLoS Computational Biology</i> , 2013, 9, e1003213.	1.5	28
261	Circadian Period Integrates Network Information Through Activation of the BMP Signaling Pathway. <i>PLoS Biology</i> , 2013, 11, e1001733.	2.6	21
262	Deleterious effect of suboptimal diet on rest-activity cycle in <i>Anastrepha ludens</i> manifests itself with age. <i>Scientific Reports</i> , 2013, 3, 1773.	1.6	6
263	The central molecular clock is robust in the face of behavioural arrhythmia in a <i>Drosophila</i> model of Alzheimer's disease. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 445-58.	1.2	44
264	The relation between egg hatching and photoperiod in <i>Amphinemura</i> sp. (Plecoptera). <i>Biological Rhythm Research</i> , 0, , 1-8.	0.4	1
265	A Mathematical Model of Communication between Groups of Circadian Neurons in <i>Drosophila melanogaster</i> . <i>Journal of Biological Rhythms</i> , 2014, 29, 401-410.	1.4	7
266	Differentially Timed Extracellular Signals Synchronize Pacemaker Neuron Clocks. <i>PLoS Biology</i> , 2014, 12, e1001959.	2.6	46
267	Timing of Neuropeptide Coupling Determines Synchrony and Entrainment in the Mammalian Circadian Clock. <i>PLoS Computational Biology</i> , 2014, 10, e1003565.	1.5	38
268	Measuring individual locomotor rhythms in honey bees, paper wasps and similar sized insects. <i>Journal of Experimental Biology</i> , 2014, 217, 1307-15.	0.8	32
269	A Conserved Role for p48 Homologs in Protecting Dopaminergic Neurons from Oxidative Stress. <i>PLoS Genetics</i> , 2014, 10, e1004718.	1.5	33
270	Mmp1 Processing of the PDF Neuropeptide Regulates Circadian Structural Plasticity of Pacemaker Neurons. <i>PLoS Genetics</i> , 2014, 10, e1004700.	1.5	43
271	Dual PDF Signaling Pathways Reset Clocks Via TIMELESS and Acutely Excite Target Neurons to Control Circadian Behavior. <i>PLoS Biology</i> , 2014, 12, e1001810.	2.6	118
272	Synergistic Interactions between the Molecular and Neuronal Circadian Networks Drive Robust Behavioral Circadian Rhythms in <i>Drosophila melanogaster</i> . <i>PLoS Genetics</i> , 2014, 10, e1004252.	1.5	17
273	Role of Temperature in Mediating Morning and Evening Emergence Chronotypes in Fruit Flies <i>Drosophila melanogaster</i> . <i>Journal of Biological Rhythms</i> , 2014, 29, 427-441.	1.4	16
274	Simulating natural light and temperature cycles in the laboratory reveals differential effects on activity/rest rhythm of four <i>Drosophilids</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2014, 200, 849-862.	0.7	8
275	The Ion Transport Peptide Is a New Functional Clock Neuropeptide in the Fruit Fly <i>Drosophila melanogaster</i> . <i>Journal of Neuroscience</i> , 2014, 34, 9522-9536.	1.7	86

#	ARTICLE	IF	CITATIONS
276	Regulation of <i>Drosophila</i> circadian rhythms by miRNA let-7 is mediated by a regulatory cycle. <i>Nature Communications</i> , 2014, 5, 5549.	5.8	98
277	Quantifying Global International Migration Flows. <i>Science</i> , 2014, 343, 1520-1522.	6.0	416
278	The Logic of Circadian Organization in <i>Drosophila</i> . <i>Current Biology</i> , 2014, 24, 2257-2266.	1.8	62
279	Phylogeny and oscillating expression of period and cryptochrome in short and long photoperiods suggest a conserved function in <i>Nasonia vitripennis</i> . <i>Chronobiology International</i> , 2014, 31, 749-760.	0.9	46
280	Bimodal Oscillations of Cyclic Nucleotide Concentrations in the Circadian System of the Madeira Cockroach <i>Rhyarobia maderae</i> . <i>Journal of Biological Rhythms</i> , 2014, 29, 318-331.	1.4	9
281	Morning and Evening Oscillators Cooperate to Reset Circadian Behavior in Response to Light Input. <i>Cell Reports</i> , 2014, 7, 601-608.	2.9	29
282	Studying circadian rhythms in <i>Drosophila melanogaster</i> . <i>Methods</i> , 2014, 68, 140-150.	1.9	71
283	cis-Regulatory Requirements for Tissue-Specific Programs of the Circadian Clock. <i>Current Biology</i> , 2014, 24, 1-10.	1.8	376
284	The <i>Drosophila</i> Circadian Clock Is a Variably Coupled Network of Multiple Peptidergic Units. <i>Science</i> , 2014, 343, 1516-1520.	6.0	185
285	Identification of a Circadian Output Circuit for Rest:Activity Rhythms in <i>Drosophila</i> . <i>Cell</i> , 2014, 157, 689-701.	13.5	201
286	Calcitonin Gene-Related Peptide Neurons Mediate Sleep-Specific Circadian Output in <i>Drosophila</i> . <i>Current Biology</i> , 2014, 24, 2652-2664.	1.8	182
287	Compression of daily activity time in mice lacking functional <i>Per</i> or <i>Cry</i> genes. <i>Chronobiology International</i> , 2014, 31, 645-654.	0.9	6
288	Circadian Pacemaker Neurons Change Synaptic Contacts across the Day. <i>Current Biology</i> , 2014, 24, 2161-2167.	1.8	93
289	Effects of temperature and photoperiod on daily activity rhythms of <i>Lutzomyia longipalpis</i> (Diptera: Tj ETQq1 1 0.784314 rgBT / Over 1.0 23		
290	WIDE AWAKE Mediates the Circadian Timing of Sleep Onset. <i>Neuron</i> , 2014, 82, 151-166.	3.8	128
291	CaMKII is essential for the cellular clock and coupling between morning and evening behavioral rhythms. <i>Genes and Development</i> , 2014, 28, 1101-1110.	2.7	69
292	From Neurogenetic Studies in the Fly Brain to a Concept in Circadian Biology. <i>Journal of Neurogenetics</i> , 2014, 28, 329-347.	0.6	33
293	Pigment-dispersing factor signaling and circadian rhythms in insect locomotor activity. <i>Current Opinion in Insect Science</i> , 2014, 1, 73-80.	2.2	85

#	ARTICLE	IF	CITATIONS
294	Circadian rhythms. , 0, , 104-115.		0
296	A Theoretical Study on Seasonality. <i>Frontiers in Neurology</i> , 2015, 6, 94.	1.1	50
297	Exaggerated Nighttime Sleep and Defective Sleep Homeostasis in a <i>Drosophila</i> Knock-In Model of Human Epilepsy. <i>PLoS ONE</i> , 2015, 10, e0137758.	1.1	10
298	A Stochastic Burst Follows the Periodic Morning Peak in Individual <i>Drosophila</i> Locomotion. <i>PLoS ONE</i> , 2015, 10, e0140481.	1.1	6
299	Thermotaxis, circadian rhythms, and TRP channels in <i>Drosophila</i> . <i>Temperature</i> , 2015, 2, 227-243.	1.7	27
301	Circadian Clock Dysfunction and Psychiatric Disease: Could Fruit Flies have a Say?. <i>Frontiers in Neurology</i> , 2015, 6, 80.	1.1	14
302	Rheotaxis performance increases with group size in a coupled phase model with sensory noise. <i>European Physical Journal: Special Topics</i> , 2015, 224, 3233-3244.	1.2	8
303	RNA-seq Profiling of Small Numbers of <i>Drosophila</i> Neurons. <i>Methods in Enzymology</i> , 2015, 551, 369-386.	0.4	32
304	The Role of Casein Kinase I in the <i>Drosophila</i> Circadian Clock. <i>Methods in Enzymology</i> , 2015, 551, 175-195.	0.4	6
305	Patch-Clamp Electrophysiology in <i>Drosophila</i> Circadian Pacemaker Neurons. <i>Methods in Enzymology</i> , 2015, 552, 23-44.	0.4	10
306	Inbreeding Affects Locomotor Activity in <i>Drosophila melanogaster</i> at Different Ages. <i>Behavior Genetics</i> , 2015, 45, 127-134.	1.4	11
307	Clock network in <i>Drosophila</i> . <i>Current Opinion in Insect Science</i> , 2015, 7, 65-70.	2.2	54
308	Transcriptional Regulation via Nuclear Receptor Crosstalk Required for the <i>Drosophila</i> Circadian Clock. <i>Current Biology</i> , 2015, 25, 1502-1508.	1.8	39
309	Circadian Rhythms in Rho1 Activity Regulate Neuronal Plasticity and Network Hierarchy. <i>Cell</i> , 2015, 162, 823-835.	13.5	83
310	Sources of intraspecific variation in sleep behaviour of wild great tits. <i>Animal Behaviour</i> , 2015, 106, 201-221.	0.8	59
311	Evidence that natural selection maintains genetic variation for sleep in <i>Drosophila melanogaster</i> . <i>BMC Evolutionary Biology</i> , 2015, 15, 41.	3.2	34
312	Cryptochrome-Dependent and -Independent Circadian Entrainment Circuits in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2015, 35, 6131-6141.	1.7	52
313	Computer-aided Molecular Design of Compounds Targeting Histone Modifying Enzymes. <i>Computational and Structural Biotechnology Journal</i> , 2015, 13, 358-365.	1.9	19

#	ARTICLE	IF	CITATIONS
314	Warming Up Your Tick-Tock. <i>Neuroscientist</i> , 2015, 21, 503-518.	2.6	19
315	Cellular Clocks in AVP Neurons of the SCN Are Critical for Interneuronal Coupling Regulating Circadian Behavior Rhythm. <i>Neuron</i> , 2015, 85, 1103-1116.	3.8	200
316	Clustering and phase synchronization in populations of coupled phase oscillators. <i>European Physical Journal B</i> , 2015, 88, 1.	0.6	5
317	Communication between circadian clusters: The key to a plastic network. <i>FEBS Letters</i> , 2015, 589, 3336-3342.	1.3	38
318	Glia in <i>Drosophila</i> behavior. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2015, 201, 879-893.	0.7	26
319	Rhythmic control of activity and sleep by class B1 GPCRs. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2015, 50, 18-30.	2.3	14
320	Neural clocks and Neuropeptide F/Y regulate circadian gene expression in a peripheral metabolic tissue. <i>ELife</i> , 2016, 5, .	2.8	61
321	Genome-wide identification of neuronal activity-regulated genes in <i>Drosophila</i> . <i>ELife</i> , 2016, 5, .	2.8	68
322	Loss of ZBTB20 impairs circadian output and leads to unimodal behavioral rhythms. <i>ELife</i> , 2016, 5, .	2.8	22
323	Heterogeneity of the Peripheral Circadian Systems in <i>Drosophila melanogaster</i> : A Review. <i>Frontiers in Physiology</i> , 2016, 7, 8.	1.3	63
324	Mistletoe Berry Outline Mapping with a Path Curve Function and Recording the Circadian Rhythm of Their Phenotypic Shape Change. <i>Frontiers in Plant Science</i> , 2016, 7, 1749.	1.7	1
325	CRTC Potentiates Light-independent timeless Transcription to Sustain Circadian Rhythms in <i>Drosophila</i> . <i>Scientific Reports</i> , 2016, 6, 32113.	1.6	7
326	The <i>Drosophila</i> Clock Neuron Network Features Diverse Coupling Modes and Requires Network-wide Coherence for Robust Circadian Rhythms. <i>Cell Reports</i> , 2016, 17, 2873-2881.	2.9	41
327	Timing of Locomotor Recovery from Anoxia Modulated by the <i>white</i> Gene in <i>Drosophila</i> . <i>Genetics</i> , 2016, 203, 787-797.	1.2	36
328	Mushroom body signaling is required for locomotor activity rhythms in <i>Drosophila</i> . <i>Neuroscience Research</i> , 2016, 111, 25-33.	1.0	17
329	mir-276a strengthens <i>Drosophila</i> circadian rhythms by regulating <i>timeless</i> expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2965-72.	3.3	47
330	Functional PDF Signaling in the <i>Drosophila</i> Circadian Neural Circuit Is Gated by Ral A-Dependent Modulation. <i>Neuron</i> , 2016, 90, 781-794.	3.8	45
331	Pacemaker-neuron-dependent disturbance of the molecular clockwork by a <i>Drosophila</i> CLOCK mutant homologous to the mouse <i>Clock</i> mutation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4904-13.	3.3	15

#	ARTICLE	IF	CITATIONS
332	GSK-3 and CK2 Kinases Converge on Timeless to Regulate the Master Clock. <i>Cell Reports</i> , 2016, 16, 357-367.	2.9	65
333	Circadian neuron feedback controls the <i>Drosophila</i> sleep activity profile. <i>Nature</i> , 2016, 536, 292-297.	13.7	249
334	The temporal structure and function of the insect photoperiodic clock: a tribute to Colin S. Pittendrigh. <i>Physiological Entomology</i> , 2016, 41, 1-18.	0.6	29
335	Codon usage affects the structure and function of the <i>Drosophila</i> circadian clock protein PERIOD. <i>Genes and Development</i> , 2016, 30, 1761-1775.	2.7	73
336	Cycles of circadian illuminance are sufficient to entrain and maintain circadian locomotor rhythms in <i>Drosophila</i> . <i>Scientific Reports</i> , 2016, 6, 37784.	1.6	5
337	Symmetry-broken states on networks of coupled oscillators. <i>Physical Review E</i> , 2016, 93, 052202.	0.8	14
338	Age-Related Reduction of Recovery Sleep and Arousal Threshold in <i>Drosophila</i> . <i>Sleep</i> , 2016, 39, 1613-1624.	0.6	67
339	The <i>Drosophila</i> Circadian Clock Gates Sleep through Time-of-Day Dependent Modulation of Sleep-Promoting Neurons. <i>Sleep</i> , 2016, 39, 345-356.	0.6	34
340	Modulation of light-driven arousal by LIM-homeodomain transcription factor Apterous in large PDF-positive lateral neurons of the <i>Drosophila</i> brain. <i>Scientific Reports</i> , 2016, 6, 37255.	1.6	12
341	A Genetic Screen To Assess Dopamine Receptor (DopR1) Dependent Sleep Regulation in <i>Drosophila</i> . <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 4217-4226.	0.8	8
342	The Timed Depolarization of Morning and Evening Oscillators Phase Shifts the Circadian Clock of <i>Drosophila</i> . <i>Journal of Biological Rhythms</i> , 2016, 31, 428-442.	1.4	31
343	A mathematical model provides mechanistic links to temporal patterns in <i>Drosophila</i> daily activity. <i>BMC Neuroscience</i> , 2016, 17, 14.	0.8	7
344	Circadian Modulation of Alcohol-Induced Sedation and Recovery in Male and Female <i>Drosophila</i> . <i>Journal of Biological Rhythms</i> , 2016, 31, 142-160.	1.4	23
345	Identification of putative circadian clock genes in the American horseshoe crab, <i>Limulus polyphemus</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2016, 19, 45-61.	0.4	15
346	The clock gene period is essential for the photoperiodic response in the jewel wasp <i>Nasonia vitripennis</i> (Hymenoptera: Pteromalidae). <i>Applied Entomology and Zoology</i> , 2016, 51, 185-194.	0.6	60
347	Circadian light-input pathways in <i>Drosophila</i> . <i>Communicative and Integrative Biology</i> , 2016, 9, e1102805.	0.6	68
348	Reorganization of Sleep by Temperature in <i>Drosophila</i> Requires Light, the Homeostat, and the Circadian Clock. <i>Current Biology</i> , 2016, 26, 882-892.	1.8	83
349	Circalunidian clocks control tidal rhythms of locomotion in the American horseshoe crab, <i>Limulus polyphemus</i> . <i>Marine and Freshwater Behaviour and Physiology</i> , 2016, 49, 75-91.	0.4	15

#	ARTICLE	IF	CITATIONS
350	Neural and non-neural contributions to sexual dimorphism of midday sleep in <i>Drosophila melanogaster</i> : a pilot study. <i>Physiological Entomology</i> , 2016, 41, 327-334.	0.6	10
351	miR-124 Regulates Diverse Aspects of Rhythmic Behavior in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2016, 36, 3414-3421.	1.7	32
352	miR-124 Regulates the Phase of <i>Drosophila</i> Circadian Locomotor Behavior. <i>Journal of Neuroscience</i> , 2016, 36, 2007-2013.	1.7	40
353	Circadian clock properties of fruit flies <i>Drosophila melanogaster</i> exhibiting early and late emergence chronotypes. <i>Chronobiology International</i> , 2016, 33, 22-38.	0.9	18
354	Synchronous <i>Drosophila</i> circadian pacemakers display nonsynchronous Ca ²⁺ rhythms in vivo. <i>Science</i> , 2016, 351, 976-981.	6.0	168
355	Identification of Light-Sensitive Phosphorylation Sites on PERIOD That Regulate the Pace of Circadian Rhythms in <i>Drosophila</i> . <i>Molecular and Cellular Biology</i> , 2016, 36, 855-870.	1.1	4
356	On coupled oscillator dynamics and incident behaviour patterns in slime mould <i>Physarum polycephalum</i> : emergence of wave packets, global streaming clock frequencies and anticipation of periodic stimuli. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 2017, 32, 95-118.	0.7	2
357	The <i>Drosophila</i> Clock System. , 2017, , 133-176.		20
358	Adaptation of Circadian Neuronal Network to Photoperiod in High-Latitude European <i>Drosophilids</i> . <i>Current Biology</i> , 2017, 27, 833-839.	1.8	62
359	Membrane Currents, Gene Expression, and Circadian Clocks. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017, 9, a027714.	2.3	57
360	Insect Brains: Minute Structures Controlling Complex Behaviors. <i>Diversity and Commonality in Animals</i> , 2017, , 123-151.	0.7	14
361	<i>Drosophila</i> Neuropeptide F Signaling Independently Regulates Feeding and Sleep-Wake Behavior. <i>Cell Reports</i> , 2017, 19, 2441-2450.	2.9	110
362	A Series of Suppressible Signals within the <i>Drosophila</i> Circadian Neural Circuit Generates Sequential Daily Outputs. <i>Neuron</i> , 2017, 94, 1173-1189.e4.	3.8	112
363	Functions of corazonin and histamine in light entrainment of the circadian pacemaker in the Madeira cockroach, <i>Rhyarobia maderae</i> . <i>Journal of Comparative Neurology</i> , 2017, 525, 1250-1272.	0.9	17
364	Organization of Circadian Behavior Relies on Glycinergic Transmission. <i>Cell Reports</i> , 2017, 19, 72-85.	2.9	70
365	LSM12 and ME31B/DDX6 Define Distinct Modes of Posttranscriptional Regulation by ATAXIN-2 Protein Complex in <i>Drosophila</i> Circadian Pacemaker Neurons. <i>Molecular Cell</i> , 2017, 66, 129-140.e7.	4.5	59
366	Circadian Rhythms and Sleep in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2017, 205, 1373-1397.	1.2	331
367	MicroRNA-92a is a circadian modulator of neuronal excitability in <i>Drosophila</i> . <i>Nature Communications</i> , 2017, 8, 14707.	5.8	67

#	ARTICLE	IF	CITATIONS
368	Temporal calcium profiling of specific circadian neurons in freely moving flies. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8780-E8787.	3.3	70
369	A Peptidergic Circuit Links the Circadian Clock to Locomotor Activity. Current Biology, 2017, 27, 1915-1927.e5.	1.8	70
370	Sleep in birds: lying on the continuum of activity and rest. Biological Rhythm Research, 2017, 48, 805-814.	0.4	7
371	Involvement of circadian clock in crowing of red jungle fowls (<i>Gallus gallus</i>). Animal Science Journal, 2017, 88, 691-695.	0.6	2
372	Reciprocal regulation of carbon monoxide metabolism and the circadian clock. Nature Structural and Molecular Biology, 2017, 24, 15-22.	3.6	49
373	Circadian Rhythms in Visual Responsiveness in the Behaviorally Arrhythmic <i>Drosophila</i> Clock Mutant <i>Clk^l</i> . Journal of Biological Rhythms, 2017, 32, 583-592.	1.4	22
374	NMDA Receptor-mediated Ca ²⁺ Influx in the Absence of Mg ²⁺ Block Disrupts Rest: Activity Rhythms in <i>Drosophila</i> . Sleep, 2017, 40, .	0.6	4
375	Circadian Rhythm Neuropeptides in <i>Drosophila</i> : Signals for Normal Circadian Function and Circadian Neurodegenerative Disease. International Journal of Molecular Sciences, 2017, 18, 886.	1.8	22
376	Identification of Genes that Maintain Behavioral and Structural Plasticity during Sleep Loss. Frontiers in Neural Circuits, 2017, 11, 79.	1.4	13
377	Oscillating PDF in termini of circadian pacemaker neurons and synchronous molecular clocks in downstream neurons are not sufficient for sustenance of activity rhythms in constant darkness. PLoS ONE, 2017, 12, e0175073.	1.1	12
378	RNA-seq analysis of <i>Drosophila</i> clock and non-clock neurons reveals neuron-specific cycling and novel candidate neuropeptides. PLoS Genetics, 2017, 13, e1006613.	1.5	111
379	<i>Dstac</i> is required for normal circadian activity rhythms in <i>Drosophila</i> . Chronobiology International, 2018, 35, 1016-1026.	0.9	6
380	Neuroanatomical details of the lateral neurons of <i>Drosophila melanogaster</i> support their functional role in the circadian system. Journal of Comparative Neurology, 2018, 526, 1209-1231.	0.9	71
381	Reflections on contributing to big discoveries about the fly clock: Our fortunate paths as post-docs with 2017 Nobel laureates Jeff Hall, Michael Rosbash, and Mike Young. Neurobiology of Sleep and Circadian Rhythms, 2018, 5, 58-67.	1.4	4
382	Interspecific studies of circadian genes <i>period</i> and <i>timeless</i> in <i>Drosophila</i> . Gene, 2018, 648, 106-114.	1.0	6
383	Coordination between Differentially Regulated Circadian Clocks Generates Rhythmic Behavior. Cold Spring Harbor Perspectives in Biology, 2018, 10, a033589.	2.3	62
384	A Tug-of-War between Cryptochrome and the Visual System Allows the Adaptation of Evening Activity to Long Photoperiods in <i>Drosophila melanogaster</i> . Journal of Biological Rhythms, 2018, 33, 24-34.	1.4	45
385	Short-term exposure to dim light at night disrupts rhythmic behaviors and causes neurodegeneration in fly models of tauopathy and Alzheimer's disease. Biochemical and Biophysical Research Communications, 2018, 495, 1722-1729.	1.0	28

#	ARTICLE	IF	CITATIONS
386	Beyond the molecular clock. <i>Current Opinion in Physiology</i> , 2018, 5, 109-116.	0.9	2
387	Responses to Intermittent Light Stimulation Late in the Night Phase Before Dawn. <i>Clocks & Sleep</i> , 2018, 1, 26-41.	0.9	5
389	Contribution of non-circadian neurons to the temporal organization of locomotor activity. <i>Biology Open</i> , 2019, 8, .	0.6	7
390	Circadian Rhythm Abnormalities in Parkinson's Disease from Humans to Flies and Back. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3911.	1.8	33
391	A Circadian Output Circuit Controls Sleep-Wake Arousal in <i>Drosophila</i> . <i>Neuron</i> , 2018, 100, 624-635.e4.	3.8	152
392	How Many Clocks, How Many Times? On the Sensory Basis and Computational Challenges of Circadian Systems. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 211.	1.0	5
393	Hub-organized parallel circuits of central circadian pacemaker neurons for visual photoentrainment in <i>Drosophila</i> . <i>Nature Communications</i> , 2018, 9, 4247.	5.8	67
394	The auxin-inducible degradation system enables conditional <i>PERIOD</i> protein depletion in the nervous system of <i>Drosophila melanogaster</i> . <i>FEBS Journal</i> , 2018, 285, 4378-4393.	2.2	22
395	Control of Sleep Onset by <i>Shal/K_v4</i> Channels in <i>Drosophila</i> Circadian Neurons. <i>Journal of Neuroscience</i> , 2018, 38, 9059-9071.	1.7	17
396	Non-canonical Phototransduction Mediates Synchronization of the <i>Drosophila melanogaster</i> Circadian Clock and Retinal Light Responses. <i>Current Biology</i> , 2018, 28, 1725-1735.e3.	1.8	50
397	NonA and CPX Link the Circadian Clockwork to Locomotor Activity in <i>Drosophila</i> . <i>Neuron</i> , 2018, 99, 768-780.e3.	3.8	11
398	Modulation of miR-210 alters phasing of circadian locomotor activity and impairs projections of PDF clock neurons in <i>Drosophila melanogaster</i> . <i>PLoS Genetics</i> , 2018, 14, e1007500.	1.5	37
399	Emerging roles for microRNA in the regulation of <i>Drosophila</i> circadian clock. <i>BMC Neuroscience</i> , 2018, 19, 1.	0.8	71
400	High-Amplitude Circadian Rhythms in <i>Drosophila</i> Driven by Calcineurin-Mediated Post-translational Control of <i>sarah</i> . <i>Genetics</i> , 2018, 209, 815-828.	1.2	7
401	Evidence for a Coupled Oscillator Model of Endocrine Ultradian Rhythms. <i>Journal of Biological Rhythms</i> , 2018, 33, 475-496.	1.4	28
402	Circadian modulation of light-evoked avoidance/attraction behavior in <i>Drosophila</i> . <i>PLoS ONE</i> , 2018, 13, e0201927.	1.1	22
403	ER Lipid Defects in Neuropeptidergic Neurons Impair Sleep Patterns in Parkinson's Disease. <i>Neuron</i> , 2018, 98, 1155-1169.e6.	3.8	77
404	Neural Network Interactions Modulate CRY-Dependent Photoresponses in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2018, 38, 6161-6171.	1.7	15

#	ARTICLE	IF	CITATIONS
405	Reconfiguration of a Multi-oscillator Network by Light in the <i>Drosophila</i> Circadian Clock. <i>Current Biology</i> , 2018, 28, 2007-2017.e4.	1.8	68
406	Control of Daily Locomotor Activity Patterns in <i>Drosophila suzukii</i> by the Circadian Clock, Light, Temperature and Social Interactions. <i>Journal of Biological Rhythms</i> , 2019, 34, 463-481.	1.4	15
407	Phenotypic plasticity in the invasive pest <i>Drosophila suzukii</i> : activity rhythms and gene expression in response to temperature. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	12
408	miR-210 controls the evening phase of circadian locomotor rhythms through repression of Fasciclin 2. <i>PLoS Genetics</i> , 2019, 15, e1007655.	1.5	16
409	Decoding <i>Drosophila</i> circadian pacemaker circuit. <i>Current Opinion in Insect Science</i> , 2019, 36, 33-38.	2.2	8
410	SUR-8 interacts with PP1-87B to stabilize PERIOD and regulate circadian rhythms in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2019, 15, e1008475.	1.5	5
411	Splice variants of DOMINO control <i>Drosophila</i> circadian behavior and pacemaker neuron maintenance. <i>PLoS Genetics</i> , 2019, 15, e1008474.	1.5	9
412	miR-263b Controls Circadian Behavior and the Structural Plasticity of Pacemaker Neurons by Regulating the LIM-Only Protein Beadex. <i>Cells</i> , 2019, 8, 923.	1.8	14
413	Light-Mediated Circuit Switching in the <i>Drosophila</i> Neuronal Clock Network. <i>Current Biology</i> , 2019, 29, 3266-3276.e3.	1.8	36
414	A Symphony of Signals: Intercellular and Intracellular Signaling Mechanisms Underlying Circadian Timekeeping in Mice and Flies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2363.	1.8	24
415	Neuronal Activity in Non-LNv Clock Cells Is Required to Produce Free-Running Rest:Activity Rhythms in <i>Drosophila</i> . <i>Journal of Biological Rhythms</i> , 2019, 34, 249-271.	1.4	22
416	PERIOD-controlled deadenylation of the <i>timeless</i> transcript in the <i>Drosophila</i> circadian clock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5721-5726.	3.3	11
417	Morning and Evening Circadian Pacemakers Independently Drive Premotor Centers via a Specific Dopamine Relay. <i>Neuron</i> , 2019, 102, 843-857.e4.	3.8	89
418	The circadian system in insects: Cellular, molecular, and functional organization. <i>Advances in Insect Physiology</i> , 2019, 56, 73-115.	1.1	25
419	Age-dependent changes in clock neuron structural plasticity and excitability are associated with a decrease in circadian output behavior and sleep. <i>Neurobiology of Aging</i> , 2019, 77, 158-168.	1.5	19
420	Circadian oscillator proteins across the kingdoms of life: structural aspects. <i>BMC Biology</i> , 2019, 17, 13.	1.7	50
421	Role of Tau Protein in Remodeling of Circadian Neuronal Circuits and Sleep. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 320.	1.7	26
422	A distinct visual pathway mediates high light intensity adaptation of the circadian clock in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2019, 39, 1497-18.	1.7	31

#	ARTICLE	IF	CITATIONS
423	Allatostatin-C/AstC-R2 Is a Novel Pathway to Modulate the Circadian Activity Pattern in <i>Drosophila</i> . <i>Current Biology</i> , 2019, 29, 13-22.e3.	1.8	55
424	Aging and the clock: Perspective from flies to humans. <i>European Journal of Neuroscience</i> , 2020, 51, 454-481.	1.2	35
425	Development of a natural light reproduction system for maintaining the circadian rhythm. <i>Indoor and Built Environment</i> , 2020, 29, 132-144.	1.5	16
426	Molecular and circuit mechanisms mediating circadian clock output in the <i>Drosophila</i> brain. <i>European Journal of Neuroscience</i> , 2020, 51, 268-281.	1.2	59
427	<i>Drosophila</i> Cryptochrome: Variations in Blue. <i>Journal of Biological Rhythms</i> , 2020, 35, 16-27.	1.4	21
428	DN1p or the "Fluffy" Cerberus of Clock Outputs. <i>Frontiers in Physiology</i> , 2019, 10, 1540.	1.3	26
429	A Catalog of GAL4 Drivers for Labeling and Manipulating Circadian Clock Neurons in <i>Drosophila melanogaster</i> . <i>Journal of Biological Rhythms</i> , 2020, 35, 207-213.	1.4	22
430	Circadian Structural Plasticity Drives Remodeling of E Cell Output. <i>Current Biology</i> , 2020, 30, 5040-5048.e5.	1.8	20
431	Marking Time: Colorful New Insights into Master Clock Circuits. <i>Neuron</i> , 2020, 108, 2-5.	3.8	1
432	Circadian Clocks: Mosquitoes Master the Dark Side of the Room. <i>Current Biology</i> , 2020, 30, R932-R934.	1.8	1
433	Circadian VIPergic Neurons of the Suprachiasmatic Nuclei Sculpt the Sleep-Wake Cycle. <i>Neuron</i> , 2020, 108, 486-499.e5.	3.8	55
434	Neuroscience: Sensing Absolute Cold. <i>Current Biology</i> , 2020, 30, R809-R811.	1.8	0
435	Coupling protocol of interlocked feedback oscillators in circadian clocks. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200287.	1.5	4
436	Neither <i>per</i> , nor <i>tim1</i> , nor <i>cry2</i> alone are essential components of the molecular circadian clockwork in the Madeira cockroach. <i>PLoS ONE</i> , 2020, 15, e0235930.	1.1	3
437	Better Sleep at Night: How Light Influences Sleep in <i>Drosophila</i> . <i>Frontiers in Physiology</i> , 2020, 11, 997.	1.3	11
438	The mammalian circadian pacemaker regulates wakefulness via CRF neurons in the paraventricular nucleus of the hypothalamus. <i>Science Advances</i> , 2020, 6, .	4.7	51
439	<i>Drosophila</i> as a Model to Study the Relationship Between Sleep, Plasticity, and Memory. <i>Frontiers in Physiology</i> , 2020, 11, 533.	1.3	28
440	Nitric oxide mediates neuro-glial interaction that shapes <i>Drosophila</i> circadian behavior. <i>PLoS Genetics</i> , 2020, 16, e1008312.	1.5	19

#	ARTICLE	IF	CITATIONS
441	Norpa Signalling and the Seasonal Circadian Locomotor Phenotype in <i>Drosophila</i> . <i>Biology</i> , 2020, 9, 130.	1.3	3
442	Antagonistic Regulation of Circadian Output and Synaptic Development by JETLAG and the DYSCHRONIC-SLOWPOKE Complex. <i>IScience</i> , 2020, 23, 100845.	1.9	2
443	Entrainment of the <i>Drosophila</i> clock by the visual system. <i>Neuroscience Insights</i> , 2020, 15, 263310552090370.	0.9	3
444	Regulation of circadian locomotor rhythm by miR-263a. <i>Biological Rhythm Research</i> , 2022, 53, 148-158.	0.4	3
445	Candidates for photic entrainment pathways to the circadian clock via optic lobe neuropils in the Madeira cockroach. <i>Journal of Comparative Neurology</i> , 2020, 528, 1754-1774.	0.9	6
446	Contribution of Intellectual Disability-Related Genes to ADHD Risk and to Locomotor Activity in <i>Drosophila</i> . <i>American Journal of Psychiatry</i> , 2020, 177, 526-536.	4.0	22
447	A Functional Clock Within the Main Morning and Evening Neurons of <i>D. melanogaster</i> Is Not Sufficient for Wild-Type Locomotor Activity Under Changing Day Length. <i>Frontiers in Physiology</i> , 2020, 11, 229.	1.3	13
448	Responses of activity rhythms to temperature cues evolve in <i>Drosophila</i> populations selected for divergent timing of eclosion. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	2
449	High-Frequency Neuronal Bursting is Essential for Circadian and Sleep Behaviors in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2021, 41, 689-710.	1.7	15
451	Phosphatase of Regenerating Liver-1 Selectively Times Circadian Behavior in Darkness via Function in PDF Neurons and Dephosphorylation of TIMELESS. <i>Current Biology</i> , 2021, 31, 138-149.e5.	1.8	17
452	Daily rewiring of a neural circuit generates a predictive model of environmental light. <i>Science Advances</i> , 2021, 7, .	4.7	19
453	Integration of Circadian Clock Information in the <i>Drosophila</i> Circadian Neuronal Network. <i>Journal of Biological Rhythms</i> , 2021, 36, 203-220.	1.4	21
454	<i>Drosophila</i> clock cells use multiple mechanisms to transmit time-of-day signals in the brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	30
456	Gut microbiome modulates <i>Drosophila</i> aggression through octopamine signaling. <i>Nature Communications</i> , 2021, 12, 2698.	5.8	64
457	Uncovering the Roles of Clocks and Neural Transmission in the Resilience of <i>Drosophila</i> Circadian Network. <i>Frontiers in Physiology</i> , 2021, 12, 663339.	1.3	3
459	Sleep drive reconfigures wake-promoting clock circuitry to regulate adaptive behavior. <i>PLoS Biology</i> , 2021, 19, e3001324.	2.6	8
460	Metabolic control of daily locomotor activity mediated by tachykinin in <i>Drosophila</i> . <i>Communications Biology</i> , 2021, 4, 693.	2.0	13
461	Clock proteins regulate spatiotemporal organization of clock genes to control circadian rhythms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	26

#	ARTICLE	IF	CITATIONS
462	The Neuropeptide PDF Is Crucial for Delaying the Phase of <i>Drosophila</i> Evening Neurons Under Long Zeitgeber Periods. <i>Journal of Biological Rhythms</i> , 2021, 36, 442-460.	1.4	10
463	Getting into rhythm: developmental emergence of circadian clocks and behaviors. <i>FEBS Journal</i> , 2022, 289, 6576-6588.	2.2	4
464	Dorsal clock neurons in <i>Drosophila</i> sculpt locomotor outputs but are dispensable for circadian activity rhythms. <i>IScience</i> , 2021, 24, 103001.	1.9	8
465	Gap junction protein Innexin2 modulates the period of free-running rhythms in <i>Drosophila melanogaster</i> . <i>IScience</i> , 2021, 24, 103011.	1.9	5
466	Photoperiodism in Insects and Other Animals. , 2008, , 389-416.		8
467	A History of Chronobiological Concepts. , 2010, , 1-35.		45
468	Comparative Clocks. , 2010, , 157-177.		1
469	Control of Sleep-Wake Cycles in <i>Drosophila</i> . <i>Research and Perspectives in Endocrine Interactions</i> , 2016, , 71-78.	0.2	5
470	Daily and Tidal Rhythms in Intertidal Marine Invertebrates. , 2014, , 41-63.		5
471	A Circuit Encoding Absolute Cold Temperature in <i>Drosophila</i> . <i>Current Biology</i> , 2020, 30, 2275-2288.e5.	1.8	48
472	Neuropeptides PDF and DH31 hierarchically regulate free-running rhythmicity in <i>Drosophila</i> circadian locomotor activity. <i>Scientific Reports</i> , 2019, 9, 838.	1.6	25
473	Circadian timekeeping in <i>Drosophila melanogaster</i> and <i>Mus musculus</i> . <i>Essays in Biochemistry</i> , 2011, 49, 19-35.	2.1	10
474	Insect circadian clock outputs. <i>Essays in Biochemistry</i> , 2011, 49, 87-101.	2.1	20
475	SIK3 HDAC4 signaling regulates <i>Drosophila</i> circadian male sex drive rhythm via modulating the DN1 clock neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6669-E6677.	3.3	23
478	Synchronization of the <i>Drosophila</i> Circadian Clock by Temperature Cycles. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2007, 72, 233-242.	2.0	45
479	Transcriptional Feedback and Definition of the Circadian Pacemaker in <i>Drosophila</i> and Animals. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2007, 72, 75-83.	2.0	43
480	The Lateral and Dorsal Neurons of <i>Drosophila melanogaster</i> : New Insights about Their Morphology and Function. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2007, 72, 517-525.	2.0	75
481	The Circadian Neuropeptide PDF Signals Preferentially through a Specific Adenylate Cyclase Isoform AC3 in M Pacemakers of <i>Drosophila</i> . <i>PLoS Biology</i> , 2012, 10, e1001337.	2.6	62

#	ARTICLE	IF	CITATIONS
482	RNA-Interference Knockdown of Drosophila Pigment Dispersing Factor in Neuronal Subsets: The Anatomical Basis of a Neuropeptide's Circadian Functions. PLoS ONE, 2009, 4, e8298.	1.1	99
483	Persistence of Morning Anticipation Behavior and High Amplitude Morning Startle Response Following Functional Loss of Small Ventral Lateral Neurons in Drosophila. PLoS ONE, 2010, 5, e11628.	1.1	55
484	Sexual Interactions Influence the Molecular Oscillations in DN1 Pacemaker Neurons in Drosophila melanogaster. PLoS ONE, 2013, 8, e84495.	1.1	16
485	Contribution of Drosophila TRPA1-Expressing Neurons to Circadian Locomotor Activity Patterns. PLoS ONE, 2013, 8, e85189.	1.1	15
486	GSK-3 Beta Does Not Stabilize Cryptochrome in the Circadian Clock of Drosophila. PLoS ONE, 2016, 11, e0146571.	1.1	9
487	Social Experience Is Sufficient to Modulate Sleep Need of Drosophila without Increasing Wakefulness. PLoS ONE, 2016, 11, e0150596.	1.1	22
488	Hypothesis driven single cell dual oscillator mathematical model of circadian rhythms. PLoS ONE, 2017, 12, e0177197.	1.1	8
489	Tet protein function during Drosophila development. PLoS ONE, 2018, 13, e0190367.	1.1	30
490	Dopamine Signaling in Wake-Promoting Clock Neurons Is Not Required for the Normal Regulation of Sleep in <i>Drosophila</i> . Journal of Neuroscience, 2020, 40, 9617-9633.	1.7	13
491	Spontaneous locomotor activity of drosophila subobscura under controlled laboratory conditions. Archives of Biological Sciences, 2013, 65, 977-987.	0.2	1
492	Brain plasticity in Diptera and Hymenoptera. Frontiers in Bioscience - Scholar, 2010, S2, 268-288.	0.8	36
493	PDF neuron firing phase-shifts key circadian activity neurons in Drosophila. ELife, 2014, 3, .	2.8	96
494	The role of PDF neurons in setting the preferred temperature before dawn in Drosophila. ELife, 2017, 6, .	2.8	34
495	Thermosensitive alternative splicing senses and mediates temperature adaptation in Drosophila. ELife, 2019, 8, .	2.8	53
496	Neuron-specific knockouts indicate the importance of network communication to Drosophila rhythmicity. ELife, 2019, 8, .	2.8	48
497	Dissection of central clock function in Drosophila through cell-specific CRISPR-mediated clock gene disruption. ELife, 2019, 8, .	2.8	45
498	Drosophila PSI controls circadian period and the phase of circadian behavior under temperature cycle via tim splicing. ELife, 2019, 8, .	2.8	23
499	The microtubule-associated protein Tau suppresses the axonal distribution of PDF neuropeptide and mitochondria in circadian clock neurons. Human Molecular Genetics, 2022, 31, 1141-1150.	1.4	2

#	ARTICLE	IF	CITATIONS
502	Circadian Neural Networks. , 2010, , 179-194.		0
503	Photoperiod-induced clock-shifting in the circadian protein and amino acid rhythms in the larval fat body of silkworm, <i>Bombyx mori</i> . <i>Journal of Applied and Natural Science</i> , 2011, 3, 38-50.	0.2	5
504	Photoperiod-modulated instar-specific clock-shifting in the circadian protein and amino acid rhythms in the larval segmental muscle of <i>Bombyx mori</i> . <i>Journal of Applied and Natural Science</i> , 2011, 3, 176-188.	0.2	4
505	Hemolymph Flow in Grasshoppersâ€™ (Schistocerca americana) Hearts. , 2011, , 207-218.		0
506	Orientierung in Zeit und Raum. Springer-Lehrbuch, 2012, , 102-147.	0.1	0
507	Control of Restâ€™Activity Behavior by the Central Clock in <i>Drosophila</i> . , 2015, , 31-53.		0
509	GÃˆnes dâ€™horloge : de la drosophile Ãˆ lâ€™homme. <i>Bulletin De L'Academie Nationale De Medecine</i> , 2015, 199, 1115-1131.	0,0	2
513	Circadian temperature adaptations in the fruit fly <i>Drosophila melanogaster</i> . <i>Hikaku Seiri Seikagaku(Comparative Physiology and Biochemistry)</i> , 2017, 34, 80-91.	0.0	0
514	How a brain keeps its cool. <i>ELife</i> , 2017, 6, .	2.8	0
530	Circadian rhythms and clock in the colony of social insects.. <i>Hikaku Seiri Seikagaku(Comparative) Tj ETQq1 1 0.784314 rgBT 0</i> Overclock	0,0	0
540	The relative influence of nature vs. nurture on the expression of circatidal rhythms in the American horseshoe crab <i>Limulus polyphemus</i> . <i>Marine Ecology - Progress Series</i> , 2020, 649, 83-96.	0.9	3
542	<i>Drosophila</i> CrebB is a Substrate of the Nonsense-Mediated mRNA Decay Pathway that Sustains Circadian Behaviors. <i>Molecules and Cells</i> , 2019, 42, 301-312.	1.0	8
544	High-Salt Diet Impairs the Neurons Plasticity and the Neurotransmitters-Related Biological Processes. <i>Nutrients</i> , 2021, 13, 4123.	1.7	4
545	The E3 ubiquitin ligase adaptor <i>Tango10</i> links the core circadian clock to neuropeptide and behavioral rhythms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	5
546	Time-course RNASeq of <i>Camponotus floridanus</i> forager and nurse ant brains indicate links between plasticity in the biological clock and behavioral division of labor. <i>BMC Genomics</i> , 2022, 23, 57.	1.2	19
548	Dorsalâ€™lateral clock neurons modulate consolidation and maintenance of longâ€™term memory in <i>Drosophila</i> . <i>Genes To Cells</i> , 2022, 27, 266-279.	0.5	4
550	Consolidation and maintenance of long-term memory involve dual functions of the developmental regulator <i>Apterous</i> in clock neurons and mushroom bodies in the <i>Drosophila</i> brain. <i>PLoS Biology</i> , 2021, 19, e3001459.	2.6	11
551	Systematic modeling-driven experiments identify distinct molecular clockworks underlying hierarchically organized pacemaker neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	15

#	ARTICLE	IF	CITATIONS
552	Under warm ambient conditions, <i>Drosophila melanogaster</i> suppresses nighttime activity via the neuropeptide pigment dispersing factor. <i>Genes, Brain and Behavior</i> , 2022, 21, e12802.	1.1	3
553	Chloride oscillation in pacemaker neurons regulates circadian rhythms through a chloride-sensing WNK kinase signaling cascade. <i>Current Biology</i> , 2022, 32, 1429-1438.e6.	1.8	8
554	Recovery from cold-induced reproductive dormancy is regulated by temperature-dependent AstC signaling. <i>Current Biology</i> , 2022, 32, 1362-1375.e8.	1.8	15
557	An auxin-inducible, GAL4-compatible, gene expression system for <i>Drosophila</i> . <i>ELife</i> , 2022, 11, .	2.8	17
561	Perception of Daily Time: Insights from the Fruit Flies. <i>Insects</i> , 2022, 13, 3.	1.0	1
562	Ubiquitin proteasome system in circadian rhythm and sleep homeostasis: Lessons from <i>Drosophila</i> . <i>Genes To Cells</i> , 2022, 27, 381-391.	0.5	3
563	Morning/Evening Oscillators. , 2009, , 2396-2397.		0
565	Glia-Neurons Cross-Talk Regulated Through Autophagy. <i>Frontiers in Physiology</i> , 2022, 13, 886273.	1.3	7
566	Effects of Eph/ephrin signalling and human Alzheimer's disease-associated EphA1 on <i>Drosophila</i> behaviour and neurophysiology. <i>Neurobiology of Disease</i> , 2022, 170, 105752.	2.1	10
567	Regulation of PDF receptor signaling controlling daily locomotor rhythms in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2022, 18, e1010013.	1.5	4
569	Hsp40 overexpression in pacemaker neurons delays circadian dysfunction in a <i>Drosophila</i> model of Huntington's disease. <i>DMM Disease Models and Mechanisms</i> , 2022, 15, .	1.2	2
570	Circadian programming of the ellipsoid body sleep homeostat in <i>Drosophila</i> . <i>ELife</i> , 0, 11, .	2.8	11
571	Photoperiodic time measurement, photoreception, and circadian clocks in insect photoperiodism. <i>Applied Entomology and Zoology</i> , 2022, 57, 193-212.	0.6	15
572	The <i>Drosophila</i> circadian clock circuit is a nonhierarchical network of peptidergic oscillators. <i>Current Opinion in Insect Science</i> , 2022, 52, 100944.	2.2	4
573	PHASE: An Open-Source Program for the Analysis of <i>Drosophila</i> <u>Phase</u> , <u>Activity</u> , and <u>Sleep</u> Under <u>Entrainment</u> . <i>Journal of Biological Rhythms</i> , 2022, 37, 455-467.	1.4	10
574	Connectomic analysis of the <i>Drosophila</i> lateral neuron clock cells reveals the synaptic basis of functional pacemaker classes. <i>ELife</i> , 0, 11, .	2.8	23
575	Circadian Neuropeptide-Expressing Clock Neurons as Regulators of Long-Term Memory: Molecular and Cellular Perspectives. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	7
576	The Role of Glia Clocks in the Regulation of Sleep in <i>Drosophila melanogaster</i> . <i>Journal of Neuroscience</i> , 2022, 42, 6848-6860.	1.7	5

#	ARTICLE	IF	CITATIONS
577	Dopamine and GPCR-mediated modulation of DN1 clock neurons gates the circadian timing of sleep. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	11
578	An extra-clock ultradian brain oscillator sustains circadian timekeeping. Science Advances, 2022, 8, .	4.7	6
579	Death of a Protein: The Role of E3 Ubiquitin Ligases in Circadian Rhythms of Mice and Flies. International Journal of Molecular Sciences, 2022, 23, 10569.	1.8	3
580	Drosophila melanogaster as an emerging model host for entomopathogenic fungi. Fungal Biology Reviews, 2022, 42, 85-97.	1.9	4
581	Real time, in vivo measurement of neuronal and peripheral clocks in Drosophila melanogaster. ELife, 0, 11, .	2.8	4
583	Peculiar sleep features in sympatric species may contribute to the temporal segregation. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2023, 193, 57-70.	0.7	1
585	Light triggers a network switch between circadian morning and evening oscillators controlling behaviour during daily temperature cycles. PLoS Genetics, 2022, 18, e1010487.	1.5	2
586	Light exposure during development affects physiology of adults in Drosophila melanogaster. Frontiers in Physiology, 0, 13, .	1.3	2
587	Reduced branched-chain aminotransferase activity alleviates metabolic vulnerability caused by dim light exposure at night in <i>Drosophila</i> . Journal of Neurogenetics, 2023, 37, 25-35.	0.6	3
588	Circadian gating of light-induced arousal in <i>Drosophila</i> sleep. Journal of Neurogenetics, 0, , 1-11.	0.6	1
589	Polyphasic circadian neural circuits drive differential activities in multiple downstream rhythmic centers. Current Biology, 2023, 33, 351-363.e3.	1.8	6
591	Light Pollution Disrupts Seasonal Differences in the Daily Activity and Metabolic Profiles of the Northern House Mosquito, <i>Culex pipiens</i> . Insects, 2023, 14, 64.	1.0	5
592	Time series transcriptome analysis implicates the circadian clock in the <i>Drosophila melanogaster</i> female's response to sex peptide. Proceedings of the National Academy of Sciences of the United States of America, 2023, 120, .	3.3	5
593	Pigment-dispersing factor and CCHamide1 in the <i>Drosophila</i> circadian clock network. Chronobiology International, 2023, 40, 284-299.	0.9	2
596	Neurocircuitry of Circadian Clocks. Entomology Monographs, 2023, , 85-113.	0.6	1
597	Molecular Mechanism of the Circadian Clock. Entomology Monographs, 2023, , 49-84.	0.6	3
598	Neural Mechanism of Photoperiodism. Entomology Monographs, 2023, , 293-320.	0.6	2
599	Phosphorylation Promotes the Accumulation of PERIOD Protein Foci. Research, 2023, 6, .	2.8	1

#	ARTICLE	IF	CITATIONS
603	A four-oscillator model of seasonally adapted morning and evening activities in <i>Drosophila melanogaster</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 0, , .	0.7	1
608	On the origin and evolution of the dual oscillator model underlying the photoperiodic clockwork in the suprachiasmatic nucleus. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 0, , .	0.7	4