Charlotte Helfrich-FÃ¶rster

List of Publications by Year
in descending order

150 papers	11,522 citations	29994 54 h-index	33814 99 g-index
160 all docs	160 docs citations	160 times ranked	4866 citing authors

#	Article	IF	Citations
1	The pigmentâ€dispersing factor neuronal network systematically grows in developing honey bees. Journal of Comparative Neurology, 2022, 530, 1321-1340.	0.9	3
2	The lateral posterior clock neurons of <i>Drosophila melanogaster</i> express three neuropeptides and have multiple connections within the circadian clock network and beyond. Journal of Comparative Neurology, 2022, 530, 1507-1529.	0.9	21
3	Itâ€™s all about seeing and hearing: the Editorsâ€™ and Readersâ€™ Choice Awards 2022. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2022, , 1.	0.7	1
4	Adaptation of <i>Drosophila melanogaster</i> to Long Photoperiods of High-Latitude Summers Is Facilitated by the <i>ls-Timeless</i> Allele. Journal of Biological Rhythms, 2022, 37, 185-201.	1.4	12
5	The Neuronal Circuit of the Dorsal Circadian Clock Neurons in Drosophila melanogaster. Frontiers in Physiology, 2022, 13, 886432.	1.3	19
6	Two light sensors decode moonlight versus sunlight to adjust a plastic circadian/circalunidian clock to moon phase. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	17
7	-Sleep and the Circadian Clock in Insects. , 2021, , .		1
8	Women temporarily synchronize their menstrual cycles with the luminance and gravimetric cycles of the Moon. Science Advances, 2021, 7, .	4.7	25
9	Longitudinal observations call into question the scientific consensus that humans are unaffected by lunar cycles. BioEssays, 2021, 43, 2100054.	1.2	8
10	Antibodies Against the Clock Proteins Period and Cryptochrome Reveal the Neuronal Organization of the Circadian Clock in the Pea Aphid. Frontiers in Physiology, 2021, 12, 705048.	1.3	15
11	The Neuropeptide PDF Is Crucial for Delaying the Phase of <i>Drosophilaâ€™s</i> Evening Neurons Under Long Zeitgeber Periods. Journal of Biological Rhythms, 2021, 36, 442-460.	1.4	10
12	An effective model of endogenous clocks and external stimuli determining circadian rhythms. Scientific Reports, 2021, 11, 16165.	1.6	4
13	Endocrine signals fine-tune daily activity patterns in Drosophila. Current Biology, 2021, 31, 4076-4087.e5.	1.8	7
14	Flies as models for circadian clock adaptation to environmental challenges. European Journal of Neuroscience, 2020, 51, 166-181.	1.2	30
15	Light input pathways to the circadian clock of insects with an emphasis on the fruit fly Drosophila melanogaster. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2020, 206, 259-272.	0.7	70
16	Post-embryonic Development of the Circadian Clock Seems to Correlate With Social Life Style in Bees. Frontiers in Cell and Developmental Biology, 2020, 8, 581323.	1.8	4
17	Model and Non-model Insects in Chronobiology. Frontiers in Behavioral Neuroscience, 2020, 14, 601676.	1.0	62
18	The genetic basis of diurnal preference in Drosophila melanogaster. BMC Genomics, 2020, 21, 596.	1.2	10

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19	Loss of function in the Drosophila clock gene period results in altered intermediary lipid metabolism and increased susceptibility to starvation. Cellular and Molecular Life Sciences, 2020, 77, 4939-4956.	2.4	19
20	A Novel Thermal-Visual Place Learning Paradigm for Honeybees (Apis mellifera). Frontiers in Behavioral Neuroscience, 2020, 14, 56.	1.0	1
21	A Functional Clock Within the Main Morning and Evening Neurons of D. melanogaster Is Not Sufficient for Wild-Type Locomotor Activity Under Changing Day Length. Frontiers in Physiology, 2020, 11, 229.	1.3	13
22	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
23	Single-cell resolution long-term luciferase imaging in cultivated brains. MicroPublication Biology, 2020, 2020, .	0.1	0
24	Medicine in the Fourth Dimension. Cell Metabolism, 2019, 30, 238-250.	7.2	245
25	Life at High Latitudes Does Not Require Circadian Behavioral Rhythmicity under Constant Darkness. Current Biology, 2019, 29, 3928-3936.e3.	1.8	55
26	Polarization Vision: Targets of Polarization-Sensitive Photoreceptors in the Drosophila Visual System. Current Biology, 2019, 29, R839-R842.	1.8	2
27	Fliesâ€™ colour preferences depend on the time of day. Nature, 2019, 574, 43-44.	13.7	1
28	Implications of the <i>Sap47</i> null mutation for synapsin phosphorylation, longevity, climbing, and behavioural plasticity in adult <i>Drosophila</i>. Journal of Experimental Biology, 2019, 222, .	0.8	5
29	Light-Mediated Circuit Switching in the Drosophila Neuronal Clock Network. Current Biology, 2019, 29, 3266-3276.e3.	1.8	36
30	Peptidergic signaling from clock neurons regulates reproductive dormancy in Drosophila melanogaster. PLoS Genetics, 2019, 15, e1008158.	1.5	52
31	The circadian clock uses different environmental time cues to synchronize emergence and locomotion of the solitary bee Osmia bicornis. Scientific Reports, 2019, 9, 17748.	1.6	8
32	The Circadian Clock Improves Fitness in the Fruit Fly, Drosophila melanogaster. Frontiers in Physiology, 2019, 10, 1374.	1.3	23
33	A distinct visual pathway mediates high light intensity adaptation of the circadian clock in <i>Drosophila</i>. Journal of Neuroscience, 2019, 39, 1497-18.	1.7	31
34	Role of Rhodopsins as Circadian Photoreceptors in the Drosophila melanogaster. Biology, 2019, 8, 6.	1.3	30
35	The characterization of the circadian clock in the olive fly Bactrocera oleae (Diptera: Tephritidae) reveals a Drosophila-like organization. Scientific Reports, 2018, 8, 816.	1.6	13
36	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

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37	The role of the circadian clock system in physiology. Pflugers Archiv European Journal of Physiology, 2018, 470, 227-239.	1.3	117
38	The Circadian Clock of the Ant<i>Camponotus floridanus</i>Is Localized in Dorsal and Lateral Neurons of the Brain. Journal of Biological Rhythms, 2018, 33, 255-271.	1.4	18
39	Sleep in Insects. Annual Review of Entomology, 2018, 63, 69-86.	5.7	68
40	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
41	The CCHamide1 Neuropeptide Expressed in the Anterior Dorsal Neuron 1 Conveys a Circadian Signal to the Ventral Lateral Neurons in Drosophila melanogaster. Frontiers in Physiology, 2018, 9, 1276.	1.3	53
42	Pigment-Dispersing Factor-expressing neurons convey circadian information in the honey bee brain. Open Biology, 2018, 8, 170224.	1.5	55
43	Closely Related Fruit Fly Species Living at Different Latitudes Diverge in Their Circadian Clock Anatomy and Rhythmic Behavior. Journal of Biological Rhythms, 2018, 33, 602-613.	1.4	23
44	The Drosophila microbiome has a limited influence on sleep, activity, and courtship behaviors. Scientific Reports, 2018, 8, 10646.	1.6	39
45	Drosophila RSK Influences the Pace of the Circadian Clock by Negative Regulation of Protein Kinase Shaggy Activity. Frontiers in Molecular Neuroscience, 2018, 11, 122.	1.4	7
46	Cryptochrome Interacts With Actin and Enhances Eye-Mediated Light Sensitivity of the Circadian Clock in Drosophila melanogaster. Frontiers in Molecular Neuroscience, 2018, 11, 238.	1.4	22
47	The Drosophila Clock System. , 2017, , 133-176.		20
48	Adaptation of Circadian Neuronal Network to Photoperiod in High-Latitude European Drosophilids. Current Biology, 2017, 27, 833-839.	1.8	62
49	Drosophila Rhodopsin 7 can partially replace the structural role of Rhodopsin 1, but not its physiological function. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2017, 203, 649-659.	0.7	9
50	Neuronal circadian clock protein oscillations are similar in behaviourally rhythmic forager honeybees and in arrhythmic nurses. Open Biology, 2017, 7, 170047.	1.5	45
51	Organization of Circadian Behavior Relies on Glycinergic Transmission. Cell Reports, 2017, 19, 72-85.	2.9	70
52	A New Rhodopsin Influences Light-dependent Daily Activity Patterns of Fruit Flies. Journal of Biological Rhythms, 2017, 32, 406-422.	1.4	28
53	A damping circadian clock drives weak oscillations in metabolism and locomotor activity of aphids (Acyrthosiphon pisum). Scientific Reports, 2017, 7, 14906.	1.6	25
54	Interactions between psychosocial stress and the circadian endogenous clock. PsyCh Journal, 2017, 6, 277-289.	0.5	23

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55	Genetic variation of clock genes and cancer risk: a field synopsis and meta-analysis. Oncotarget, 2017, 8, 23978-23995.	0.8	48
56	Allatostatin A Signalling in Drosophila Regulates Feeding and Sleep and Is Modulated by PDF. PLoS Genetics, 2016, 12, e1006346.	1.5	102
57	A new device for monitoring individual activity rhythms of honey bees reveals critical effects of the social environment on behavior. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2016, 202, 555-565.	0.7	21
58	Pea Aphids (Hemiptera: Aphididae) Have Diurnal Rhythms When Raised Independently of a Host Plant. Journal of Insect Science, 2016, 16, 31.	0.6	21
59	Time-of-day-dependent adaptation of the HPA axis to predictable social defeat stress. Journal of Endocrinology, 2016, 231, 209-221.	1.2	10
60	A Neural Network Underlying Circadian Entrainment and Photoperiodic Adjustment of Sleep and Activity in Drosophila. Journal of Neuroscience, 2016, 36, 9084-9096.	1.7	111
61	Drosophila ezoana uses an hourâ€glass or highly damped circadian clock for measuring night length and inducing diapause. Physiological Entomology, 2016, 41, 378-389.	0.6	38
62	The Timed Depolarization of Morning and Evening Oscillators Phase Shifts the Circadian Clock of <i>Drosophila</i>. Journal of Biological Rhythms, 2016, 31, 428-442.	1.4	31
63	Circadian light-input pathways in<i>Drosophila</i>. Communicative and Integrative Biology, 2016, 9, e1102805.	0.6	68
64	GSK-3 Beta Does Not Stabilize Cryptochrome in the Circadian Clock of Drosophila. PLoS ONE, 2016, 11, e0146571.	1.1	9
65	Rhodopsin 7â€"The unusual Rhodopsin in<i>Drosophila</i>. PeerJ, 2016, 4, e2427.	0.9	24
66	Repeated Psychosocial Stress at Night Affects the Circadian Activity Rhythm of Male Mice. Journal of Biological Rhythms, 2015, 30, 228-241.	1.4	17
67	Flies Remember the Time of Day. Current Biology, 2015, 25, 1619-1624.	1.8	32
68	Mutations in PNPLA6 are linked to photoreceptor degeneration and various forms of childhood blindness. Nature Communications, 2015, 6, 5614.	5.8	77
69	Photic Entrainment in Drosophila Assessed by Locomotor Activity Recordings. Methods in Enzymology, 2015, 552, 105-123.	0.4	43
70	Clock network in Drosophila. Current Opinion in Insect Science, 2015, 7, 65-70.	2.2	54
71	Cryptochrome-Dependent and -Independent Circadian Entrainment Circuits in<i>Drosophila</i>. Journal of Neuroscience, 2015, 35, 6131-6141.	1.7	52
72	Twilight Dominates Over Moonlight in Adjusting <i>Drosophila</i>â€™s Activity Pattern. Journal of Biological Rhythms, 2015, 30, 117-128.	1.4	40

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73	Normal vision can compensate for the loss of the circadian clock. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151846.	1.2	13
74	Moonlight Detection by <i>Drosophila</i>â€™s Endogenous Clock Depends on Multiple Photopigments in the Compound Eyes. Journal of Biological Rhythms, 2014, 29, 75-86.	1.4	58
75	The MAP Kinase p38 Is Part of Drosophila melanogaster's Circadian Clock. PLoS Genetics, 2014, 10, e1004565.	1.5	28
76	The Ion Transport Peptide Is a New Functional Clock Neuropeptide in the Fruit Fly<i>Drosophila melanogaster</i>. Journal of Neuroscience, 2014, 34, 9522-9536.	1.7	86
77	Repeated psychosocial stress at night, but not day, affects the central molecular clock. Chronobiology International, 2014, 31, 996-1007.	0.9	31
78	From Neurogenetic Studies in the Fly Brain to a Concept in Circadian Biology. Journal of Neurogenetics, 2014, 28, 329-347.	0.6	33
79	Chronobiology by moonlight. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20123088.	1.2	140
80	GABAB receptors play an essential role in maintaining sleep during the second half of the night in <i>Drosophila melanogaster</i>. Journal of Experimental Biology, 2013, 216, 3837-3843.	0.8	52
81	The circadian clock network in the brain of different <i>Drosophila</i> species. Journal of Comparative Neurology, 2013, 521, 367-388.	0.9	58
82	<i>Drosophila</i> Clock Neurons under Natural Conditions. Journal of Biological Rhythms, 2013, 28, 3-14.	1.4	59
83	Fly cryptochrome and the visual system. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6163-6168.	3.3	103
84	Integrating Formal UML Designs and HCI Patterns with Spiral SDLC in DroLIGHT Implementation. Recent Patents on Computer Science, 2013, 6, 85-98.	0.5	2
85	DroLIGHT-2: Real Time Embedded and Data Management System for Synchronizing Circadian Clock to the Light-Dark Cycles. Recent Patents on Computer Science, 2013, 6, 191-205.	0.5	5
86	Pigment-Dispersing Factor Is Involved in Age-Dependent Rhythm Changes in <i>Drosophila melanogaster</i>. Journal of Biological Rhythms, 2012, 27, 423-432.	1.4	51
87	Two clocks in the brain. Progress in Brain Research, 2012, 199, 59-82.	0.9	64
88	Flies in the North. Journal of Biological Rhythms, 2012, 27, 377-387.	1.4	44
89	The Ability to Entrain to Long Photoperiods Differs between 3<i>Drosophila melanogaster</i>Wild-Type Strains and Is Modified by Twilight Simulation. Journal of Biological Rhythms, 2012, 27, 37-47.	1.4	30
90	Laboratory versus Nature. Journal of Biological Rhythms, 2012, 27, 433-442.	1.4	62

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91	Phase-Shifting the Fruit Fly Clock without Cryptochrome. Journal of Biological Rhythms, 2012, 27, 117-125.	1.4	44
92	Time matters: pathological effects of repeated psychosocial stress during the active, but not inactive, phase of male mice. Journal of Endocrinology, 2012, 215, 425-437.	1.2	40
93	Human Cryptochrome-1 Confers Light Independent Biological Activity in Transgenic Drosophila Correlated with Flavin Radical Stability. PLoS ONE, 2012, 7, e31867.	1.1	25
94	The Dual-Oscillator System ofDrosophila melanogasterUnder Natural-Like Temperature Cycles. Chronobiology International, 2012, 29, 395-407.	0.9	25
95	Neuropeptide F immunoreactive clock neurons modify evening locomotor activity and freeâ€•running period in <i>Drosophila melanogaster</i>. Journal of Comparative Neurology, 2012, 520, 970-987.	0.9	81
96	Setting the clock â€“ by nature: Circadian rhythm in the fruitfly <i>Drosophila melanogaster</i>. FEBS Letters, 2011, 585, 1435-1442.	1.3	195
97	A New ImageJ Plug-in â€œActogramJâ€•for Chronobiological Analyses. Journal of Biological Rhythms, 2011, 26, 464-467.	1.4	314
98	Insect circadian clock outputs. Essays in Biochemistry, 2011, 49, 87-101.	2.1	20
99	Drosophila timeless2 Is Required for Chromosome Stability and Circadian Photoreception. Current Biology, 2010, 20, 346-352.	1.8	103
100	Cryptochrome-Positive and -Negative Clock Neurons in<i>Drosophila</i>Entrain Differentially to Light and Temperature. Journal of Biological Rhythms, 2010, 25, 387-398.	1.4	65
101	Does the Morning and Evening Oscillator Model Fit Better for Flies or Mice?. Journal of Biological Rhythms, 2009, 24, 259-270.	1.4	63
102	The Neuropeptide Pigment-Dispersing Factor Adjusts Period and Phase of<i>Drosophila'</i>s Clock. Journal of Neuroscience, 2009, 29, 2597-2610.	1.7	225
103	<i>Period </i>Gene Expression in Four Neurons Is Sufficient for Rhythmic Activity of <i>Drosophila melanogaster</i> under Dim Light Conditions. Journal of Biological Rhythms, 2009, 24, 271-282.	1.4	51
104	Cryptochrome Mediates Light-Dependent Magnetosensitivity of Drosophila's Circadian Clock. PLoS Biology, 2009, 7, e1000086.	2.6	197
105	Synergic Entrainment of <i>Drosophilaâ€™s</i> Circadian Clock by Light and Temperature. Journal of Biological Rhythms, 2009, 24, 452-464.	1.4	106
106	Peptidergic clock neurons in <i>Drosophila</i>: Ion transport peptide and short neuropeptide F in subsets of dorsal and ventral lateral neurons. Journal of Comparative Neurology, 2009, 516, 59-73.	0.9	181
107	Neuropeptide PDF plays multiple roles in the circadian clock of<i>Drosophila melanogaster</i>. Sleep and Biological Rhythms, 2009, 7, 130-143.	0.5	28
108	The Nocturnal Activity of Fruit Flies Exposed to Artificial Moonlight Is Partly Caused by Direct Light Effects on the Activity Level That Bypass the Endogenous Clock. Chronobiology International, 2009, 26, 151-166.	0.9	62

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109	BLOCKING ENDOCYTOSIS IN<i>DROSOPHILA'S</i>CIRCADIAN PACEMAKER NEURONS INTERFERES WITH THE ENDOGENOUS CLOCK IN A PDF-DEPENDENT WAY. Chronobiology International, 2009, 26, 1307-1322.	0.9	20
110	Cryptochrome is present in the compound eyes and a subset of <i>Drosophila</i>'s clock neurons. Journal of Comparative Neurology, 2008, 508, 952-966.	0.9	221
111	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
112	Moonlight shifts the endogenous clock of Drosophila melanogaster. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3538-3543.	3.3	129
113	Hofbauer-Buchner Eyelet Affects Circadian Photosensitivity and Coordinates TIM and PER Expression in Drosophila Clock Neurons. Journal of Biological Rhythms, 2007, 22, 29-42.	1.4	73
114	The Fruit Fly Drosophila melanogaster Favors Dim Light and Times Its Activity Peaks to Early Dawn and Late Dusk. Journal of Biological Rhythms, 2007, 22, 387-399.	1.4	106
115	Development and morphology of the clock-gene-expressing lateral neurons ofDrosophila melanogaster. Journal of Comparative Neurology, 2007, 500, 47-70.	0.9	207
116	Glutamate and its metabotropic receptor in <i>Drosophila</i> clock neuron circuits. Journal of Comparative Neurology, 2007, 505, 32-45.	0.9	87
117	The Lateral and Dorsal Neurons of<i>Drosophila melanogaster:</i>New Insights about Their Morphology and Function. Cold Spring Harbor Symposia on Quantitative Biology, 2007, 72, 517-525.	2.0	75
118	The neural basis of Drosophila's circadian clock. Sleep and Biological Rhythms, 2006, 4, 224-234.	0.5	26
119	Reevaluation ofDrosophila melanogaster's neuronal circadian pacemakers reveals new neuronal classes. Journal of Comparative Neurology, 2006, 498, 180-193.	0.9	182
120	Functional Analysis of Circadian Pacemaker Neurons in Drosophila melanogaster. Journal of Neuroscience, 2006, 26, 2531-2543.	1.7	198
121	Organization of endogenous clocks in insects. Biochemical Society Transactions, 2005, 33, 957-961.	1.6	28
122	Organization of endogenous clocks in insects. Biochemical Society Transactions, 2005, 33, 957.	1.6	39
123	The Novel Drosophila timblind Mutation Affects Behavioral Rhythms but Not Periodic Eclosion. Genetics, 2005, 169, 751-766.	1.2	29
124	PDF Has Found Its Receptor. Neuron, 2005, 48, 161-163.	3.8	14
125	Techniques that Revealed the Network of the Circadian Clock of Drosophila. Methods in Enzymology, 2005, 393, 439-451.	0.4	8
126	Neurobiology of the fruit fly's circadian clock. Genes, Brain and Behavior, 2004, 4, 65-76.	1.1	155

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127	The circadian clock in the brain: a structural and functional comparison between mammals and insects. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2004, 190, 601-13.	0.7	89
128	A Self-Sustaining, Light-Entrainable Circadian Oscillator in the Drosophila Brain. Current Biology, 2003, 13, 1758-1767.	1.8	148
129	The neuroarchitecture of the circadian clock in the brain ofDrosophila melanogaster. Microscopy Research and Technique, 2003, 62, 94-102.	1.2	179
130	Cryptochrome, Compound Eyes, Hofbauer-Buchner Eyelets, and Ocelli Play Different Roles in the Entrainment and Masking Pathway of the Locomotor Activity Rhythm in the Fruit Fly Drosophila Melanogaster. Journal of Biological Rhythms, 2003, 18, 377-391.	1.4	191
131	MUSHROOM BODY INFLUENCE ON LOCOMOTOR ACTIVITY AND CIRCADIAN RHYTHMS IN DROSOPHILA MELANOGASTER. Journal of Neurogenetics, 2002, 16, 73-109.	0.6	54
132	The Extraretinal Eyelet of<i>Drosophila</i>: Development, Ultrastructure, and Putative Circadian Function. Journal of Neuroscience, 2002, 22, 9255-9266.	1.7	233
133	The circadian system of Drosophila melanogaster and its light input pathways. Zoology, 2002, 105, 297-312.	0.6	57
134	Photoreceptors for the Circadian Clock of the Fruitfly. , 2002, , 94-106.		7
135	The Circadian Clock of Fruit Flies Is Blind after Elimination of All Known Photoreceptors. Neuron, 2001, 30, 249-261.	3.8	345
136	The locomotor activity rhythm of Drosophila melanogaster is controlled by a dual oscillator system. Journal of Insect Physiology, 2001, 47, 877-887.	0.9	76
137	The regulation of circadian clocks by light in fruitflies and mice. Philosophical Transactions of the Royal Society B: Biological Sciences, 2001, 356, 1779-1789.	1.8	79
138	Ectopic Expression of the Neuropeptide Pigment-Dispersing Factor Alters Behavioral Rhythms in<i>Drosophila melanogaster</i>. Journal of Neuroscience, 2000, 20, 3339-3353.	1.7	214
139	Differential regulation of circadian pacemaker output by separate clock genes in <i>Drosophila</i>. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 3608-3613.	3.3	498
140	Drosophila CRY Is a Deep Brain Circadian Photoreceptor. Neuron, 2000, 26, 493-504.	3.8	390
141	Differential Control of Morning and Evening Components in the Activity Rhythm of<i>Drosophila melanogaster</i>â€"Sex-Specific Differences Suggest a Different Quality of Activity. Journal of Biological Rhythms, 2000, 15, 135-154.	1.4	195
142	Differential regulation of circadian pacemaker output by separate clock genes in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 3608-13.	3.3	286
143	The 69 bp Circadian Regulatory Sequence (CRS) Mediatesper-Like Developmental, Spatial, and Circadian Expression and Behavioral Rescue inDrosophila. Journal of Neuroscience, 1999, 19, 987-994.	1.7	55
144	Robust circadian rhythmicity of Drosophila melanogaster requires the presence of lateral neurons: a brain-behavioral study of disconnected mutants. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1998, 182, 435-453.	0.7	287

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145	Organization of the Circadian System in Insects. Chronobiology International, 1998, 15, 567-594.	0.9	206
146	Spatial and Temporal Expression of the<i>period</i>and<i>timeless</i>Genes in the Developing Nervous System of<i>Drosophila</i>: Newly Identified Pacemaker Candidates and Novel Features of Clock Gene Product Cycling. Journal of Neuroscience, 1997, 17, 6745-6760.	1.7	229
147	Development of pigment-dispersing hormone-immunoreactive neurons in the nervous system ofDrosophila melanogaster. Journal of Comparative Neurology, 1997, 380, 335-354.	0.9	179
148	Drosophilarhythms: from brain to behavior. Seminars in Cell and Developmental Biology, 1996, 7, 791-802.	2.3	48
149	The period clock gene is expressed in central nervous system neurons which also produce a neuropeptide that reveals the projections of circadian pacemaker cells within the brain of Drosophila melanogaster.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 612-616.	3.3	384
150	Pigment-dispersing hormone-immunoreactive neurons in the nervous system of wild-typeDrosophila melanogasterand of several mutants with altered circadian rhythmicity. Journal of Comparative Neurology, 1993, 337, 177-190.	0.9	197