Charlotte Helfrich-FÃ¶rster

List of Publications by Year
in descending order

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150	11,522	29994 54	33814 99
papers	citations	h-index	g-index

160	160	160	4866
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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, 3608-3613.	3.3	498
2	Drosophila CRY Is a Deep Brain Circadian Photoreceptor. Neuron, 2000, 26, 493-504.	3.8	390
3	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
4	The Circadian Clock of Fruit Flies Is Blind after Elimination of All Known Photoreceptors. Neuron, 2001, 30, 249-261.	3.8	345
5	A New ImageJ Plug-in â€œActogramJâ€•for Chronobiological Analyses. Journal of Biological Rhythms, 2011, 26, 464-467.	1.4	314
6	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
7	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
8	Medicine in the Fourth Dimension. Cell Metabolism, 2019, 30, 238-250.	7.2	245
9	The Extraretinal Eyelet ofDrosophila: Development, Ultrastructure, and Putative Circadian Function. Journal of Neuroscience, 2002, 22, 9255-9266.	1.7	233
10	Spatial and Temporal Expression of theperiodandtimelessGenes in the Developing Nervous System ofDrosophila: Newly Identified Pacemaker Candidates and Novel Features of Clock Gene Product Cycling. Journal of Neuroscience, 1997, 17, 6745-6760.	1.7	229
11	The Neuropeptide Pigment-Dispersing Factor Adjusts Period and Phase ofDrosophila's Clock. Journal of Neuroscience, 2009, 29, 2597-2610.	1.7	225
12	Cryptochrome is present in the compound eyes and a subset of Drosophila's clock neurons. Journal of Comparative Neurology, 2008, 508, 952-966.	0.9	221
13	Ectopic Expression of the Neuropeptide Pigment-Dispersing Factor Alters Behavioral Rhythms inDrosophila melanogaster. Journal of Neuroscience, 2000, 20, 3339-3353.	1.7	214
14	Development and morphology of the clock-gene-expressing lateral neurons ofDrosophila melanogaster. Journal of Comparative Neurology, 2007, 500, 47-70.	0.9	207
15	Organization of the Circadian System in Insects. Chronobiology International, 1998, 15, 567-594.	0.9	206
16	Functional Analysis of Circadian Pacemaker Neurons in Drosophila melanogaster. Journal of Neuroscience, 2006, 26, 2531-2543.	1.7	198
17	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
18	Cryptochrome Mediates Light-Dependent Magnetosensitivity of Drosophila's Circadian Clock. PLoS Biology, 2009, 7, e1000086.	2.6	197

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19	Differential Control of Morning and Evening Components in the Activity Rhythm ofDrosophila melanogasterâ€"Sex-Specific Differences Suggest a Different Quality of Activity. Journal of Biological Rhythms, 2000, 15, 135-154.	1.4	195
20	Setting the clock â€“ by nature: Circadian rhythm in the fruitfly Drosophila melanogaster. FEBS Letters, 2011, 585, 1435-1442.	1.3	195
21	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
22	Reevaluation ofDrosophila melanogaster's neuronal circadian pacemakers reveals new neuronal classes. Journal of Comparative Neurology, 2006, 498, 180-193.	0.9	182
23	Peptidergic clock neurons in Drosophila: 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
24	Development of pigment-dispersing hormone-immunoreactive neurons in the nervous system ofDrosophila melanogaster. Journal of Comparative Neurology, 1997, 380, 335-354.	0.9	179
25	The neuroarchitecture of the circadian clock in the brain ofDrosophila melanogaster. Microscopy Research and Technique, 2003, 62, 94-102.	1.2	179
26	Neurobiology of the fruit fly's circadian clock. Genes, Brain and Behavior, 2004, 4, 65-76.	1.1	155
27	A Self-Sustaining, Light-Entrainable Circadian Oscillator in the Drosophila Brain. Current Biology, 2003, 13, 1758-1767.	1.8	148
28	Chronobiology by moonlight. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20123088.	1.2	140
29	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
30	The role of the circadian clock system in physiology. Pflugers Archiv European Journal of Physiology, 2018, 470, 227-239.	1.3	117
31	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
32	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
33	Synergic Entrainment of Drosophilaâ€™s Circadian Clock by Light and Temperature. Journal of Biological Rhythms, 2009, 24, 452-464.	1.4	106
34	Drosophila timeless2 Is Required for Chromosome Stability and Circadian Photoreception. Current Biology, 2010, 20, 346-352.	1.8	103
35	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
36	Allatostatin A Signalling in Drosophila Regulates Feeding and Sleep and Is Modulated by PDF. PLoS Genetics, 2016, 12, e1006346.	1.5	102

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37	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
38	Glutamate and its metabotropic receptor in Drosophila clock neuron circuits. Journal of Comparative Neurology, 2007, 505, 32-45.	0.9	87
39	The Ion Transport Peptide Is a New Functional Clock Neuropeptide in the Fruit FlyDrosophila melanogaster. Journal of Neuroscience, 2014, 34, 9522-9536.	1.7	86
40	Neuropeptide F immunoreactive clock neurons modify evening locomotor activity and freeâ€running period in Drosophila melanogaster. Journal of Comparative Neurology, 2012, 520, 970-987.	0.9	81
41	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
42	Mutations in PNPLA6 are linked to photoreceptor degeneration and various forms of childhood blindness. Nature Communications, 2015, 6, 5614.	5.8	77
43	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
44	The Lateral and Dorsal Neurons ofDrosophila melanogaster:New Insights about Their Morphology and Function. Cold Spring Harbor Symposia on Quantitative Biology, 2007, 72, 517-525.	2.0	75
45	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
46	Neuroanatomical details of the lateral neurons of Drosophila melanogaster support their functional role in the circadian system. Journal of Comparative Neurology, 2018, 526, 1209-1231.	0.9	71
47	Organization of Circadian Behavior Relies on Glycinergic Transmission. Cell Reports, 2017, 19, 72-85.	2.9	70
48	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
49	Circadian light-input pathways inDrosophila. Communicative and Integrative Biology, 2016, 9, e1102805.	0.6	68
50	Sleep in Insects. Annual Review of Entomology, 2018, 63, 69-86.	5.7	68
51	Pigment-Dispersing Factor (PDF) Has Different Effects onDrosophila's Circadian Clocks in the Accessory Medulla and in the Dorsal Brain. Journal of Biological Rhythms, 2008, 23, 409-424.	1.4	65
52	Cryptochrome-Positive and -Negative Clock Neurons inDrosophilaEntrain Differentially to Light and Temperature. Journal of Biological Rhythms, 2010, 25, 387-398.	1.4	65
53	Two clocks in the brain. Progress in Brain Research, 2012, 199, 59-82.	0.9	64
54	Does the Morning and Evening Oscillator Model Fit Better for Flies or Mice?. Journal of Biological Rhythms, 2009, 24, 259-270.	1.4	63

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55	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
56	Laboratory versus Nature. Journal of Biological Rhythms, 2012, 27, 433-442.	1.4	62
57	Adaptation of Circadian Neuronal Network to Photoperiod in High-Latitude European Drosophilids. Current Biology, 2017, 27, 833-839.	1.8	62
58	Model and Non-model Insects in Chronobiology. Frontiers in Behavioral Neuroscience, 2020, 14, 601676.	1.0	62
59	Drosophila Clock Neurons under Natural Conditions. Journal of Biological Rhythms, 2013, 28, 3-14.	1.4	59
60	The circadian clock network in the brain of different Drosophila species. Journal of Comparative Neurology, 2013, 521, 367-388.	0.9	58
61	Moonlight Detection by Drosophilaâ€™s Endogenous Clock Depends on Multiple Photopigments in the Compound Eyes. Journal of Biological Rhythms, 2014, 29, 75-86.	1.4	58
62	The circadian system of Drosophila melanogaster and its light input pathways. Zoology, 2002, 105, 297-312.	0.6	57
63	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
64	Pigment-Dispersing Factor-expressing neurons convey circadian information in the honey bee brain. Open Biology, 2018, 8, 170224.	1.5	55
65	Life at High Latitudes Does Not Require Circadian Behavioral Rhythmicity under Constant Darkness. Current Biology, 2019, 29, 3928-3936.e3.	1.8	55
66	MUSHROOM BODY INFLUENCE ON LOCOMOTOR ACTIVITY AND CIRCADIAN RHYTHMS IN DROSOPHILA MELANOGASTER. Journal of Neurogenetics, 2002, 16, 73-109.	0.6	54
67	Clock network in Drosophila. Current Opinion in Insect Science, 2015, 7, 65-70.	2.2	54
68	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
69	GABAB receptors play an essential role in maintaining sleep during the second half of the night in Drosophila melanogaster. Journal of Experimental Biology, 2013, 216, 3837-3843.	0.8	52
70	Cryptochrome-Dependent and -Independent Circadian Entrainment Circuits inDrosophila. Journal of Neuroscience, 2015, 35, 6131-6141.	1.7	52
71	Peptidergic signaling from clock neurons regulates reproductive dormancy in Drosophila melanogaster. PLoS Genetics, 2019, 15, e1008158.	1.5	52
72	Period Gene Expression in Four Neurons Is Sufficient for Rhythmic Activity of Drosophila melanogaster under Dim Light Conditions. Journal of Biological Rhythms, 2009, 24, 271-282.	1.4	51

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73	Pigment-Dispersing Factor Is Involved in Age-Dependent Rhythm Changes in Drosophila melanogaster. Journal of Biological Rhythms, 2012, 27, 423-432.	1.4	51
74	Drosophilarhythms: from brain to behavior. Seminars in Cell and Developmental Biology, 1996, 7, 791-802.	2.3	48
75	Genetic variation of clock genes and cancer risk: a field synopsis and meta-analysis. Oncotarget, 2017, 8, 23978-23995.	0.8	48
76	Neuronal circadian clock protein oscillations are similar in behaviourally rhythmic forager honeybees and in arrhythmic nurses. Open Biology, 2017, 7, 170047.	1.5	45
77	A Tug-of-War between Cryptochrome and the Visual System Allows the Adaptation of Evening Activity to Long Photoperiods inDrosophila melanogaster. Journal of Biological Rhythms, 2018, 33, 24-34.	1.4	45
78	Flies in the North. Journal of Biological Rhythms, 2012, 27, 377-387.	1.4	44
79	Phase-Shifting the Fruit Fly Clock without Cryptochrome. Journal of Biological Rhythms, 2012, 27, 117-125.	1.4	44
80	Photic Entrainment in Drosophila Assessed by Locomotor Activity Recordings. Methods in Enzymology, 2015, 552, 105-123.	0.4	43
81	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
82	Twilight Dominates Over Moonlight in Adjusting Drosophilaâ€™s Activity Pattern. Journal of Biological Rhythms, 2015, 30, 117-128.	1.4	40
83	Organization of endogenous clocks in insects. Biochemical Society Transactions, 2005, 33, 957.	1.6	39
84	The Drosophila microbiome has a limited influence on sleep, activity, and courtship behaviors. Scientific Reports, 2018, 8, 10646.	1.6	39
85	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
86	Light-Mediated Circuit Switching in the Drosophila Neuronal Clock Network. Current Biology, 2019, 29, 3266-3276.e3.	1.8	36
87	From Neurogenetic Studies in the Fly Brain to a Concept in Circadian Biology. Journal of Neurogenetics, 2014, 28, 329-347.	0.6	33
88	Flies Remember the Time of Day. Current Biology, 2015, 25, 1619-1624.	1.8	32
89	Repeated psychosocial stress at night, but not day, affects the central molecular clock. Chronobiology International, 2014, 31, 996-1007.	0.9	31
90	The Timed Depolarization of Morning and Evening Oscillators Phase Shifts the Circadian Clock of Drosophila. Journal of Biological Rhythms, 2016, 31, 428-442.	1.4	31

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91	A distinct visual pathway mediates high light intensity adaptation of the circadian clock in Drosophila. Journal of Neuroscience, 2019, 39, 1497-18.	1.7	31
92	The Ability to Entrain to Long Photoperiods Differs between 3Drosophila melanogasterWild-Type Strains and Is Modified by Twilight Simulation. Journal of Biological Rhythms, 2012, 27, 37-47.	1.4	30
93	Role of Rhodopsins as Circadian Photoreceptors in the Drosophila melanogaster. Biology, 2019, 8, 6.	1.3	30
94	Flies as models for circadian clock adaptation to environmental challenges. European Journal of Neuroscience, 2020, 51, 166-181.	1.2	30
95	The Novel Drosophila timblind Mutation Affects Behavioral Rhythms but Not Periodic Eclosion. Genetics, 2005, 169, 751-766.	1.2	29
96	Organization of endogenous clocks in insects. Biochemical Society Transactions, 2005, 33, 957-961.	1.6	28
97	Neuropeptide PDF plays multiple roles in the circadian clock ofDrosophila melanogaster. Sleep and Biological Rhythms, 2009, 7, 130-143.	0.5	28
98	The MAP Kinase p38 Is Part of Drosophila melanogaster's Circadian Clock. PLoS Genetics, 2014, 10, e1004565.	1.5	28
99	A New Rhodopsin Influences Light-dependent Daily Activity Patterns of Fruit Flies. Journal of Biological Rhythms, 2017, 32, 406-422.	1.4	28
100	The neural basis of Drosophila's circadian clock. Sleep and Biological Rhythms, 2006, 4, 224-234.	0.5	26
101	Human Cryptochrome-1 Confers Light Independent Biological Activity in Transgenic Drosophila Correlated with Flavin Radical Stability. PLoS ONE, 2012, 7, e31867.	1.1	25
102	The Dual-Oscillator System ofDrosophila melanogasterUnder Natural-Like Temperature Cycles. Chronobiology International, 2012, 29, 395-407.	0.9	25
103	A damping circadian clock drives weak oscillations in metabolism and locomotor activity of aphids (Acyrthosiphon pisum). Scientific Reports, 2017, 7, 14906.	1.6	25
104	Women temporarily synchronize their menstrual cycles with the luminance and gravimetric cycles of the Moon. Science Advances, 2021, 7, .	4.7	25
105	Rhodopsin 7â€“The unusual Rhodopsin inDrosophila. PeerJ, 2016, 4, e2427.	0.9	24
106	Interactions between psychosocial stress and the circadian endogenous clock. PsyCh Journal, 2017, 6, 277-289.	0.5	23
107	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
108	The Circadian Clock Improves Fitness in the Fruit Fly, Drosophila melanogaster. Frontiers in Physiology, 2019, 10, 1374.	1.3	23

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109	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
110	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
111	Pea Aphids (Hemiptera: Aphididae) Have Diurnal Rhythms When Raised Independently of a Host Plant. Journal of Insect Science, 2016, 16, 31.	0.6	21
112	The lateral posterior clock neurons of Drosophila melanogaster 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
113	BLOCKING ENDOCYTOSIS INDROSOPHILA'SCIRCADIAN PACEMAKER NEURONS INTERFERES WITH THE ENDOGENOUS CLOCK IN A PDF-DEPENDENT WAY. Chronobiology International, 2009, 26, 1307-1322.	0.9	20
114	The Drosophila Clock System. , 2017, , 133-176.		20
115	Insect circadian clock outputs. Essays in Biochemistry, 2011, 49, 87-101.	2.1	20
116	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
117	The Neuronal Circuit of the Dorsal Circadian Clock Neurons in Drosophila melanogaster. Frontiers in Physiology, 2022, 13, 886432.	1.3	19
118	The Circadian Clock of the AntCamponotus floridanusIs Localized in Dorsal and Lateral Neurons of the Brain. Journal of Biological Rhythms, 2018, 33, 255-271.	1.4	18
119	Repeated Psychosocial Stress at Night Affects the Circadian Activity Rhythm of Male Mice. Journal of Biological Rhythms, 2015, 30, 228-241.	1.4	17
120	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
121	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
122	PDF Has Found Its Receptor. Neuron, 2005, 48, 161-163.	3.8	14
123	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
124	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
125	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
126	Dopamine Signaling in Wake-Promoting Clock Neurons Is Not Required for the Normal Regulation of Sleep inDrosophila. Journal of Neuroscience, 2020, 40, 9617-9633.	1.7	13

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127	Adaptation of Drosophila melanogaster to Long Photoperiods of High-Latitude Summers Is Facilitated by the ls-Timeless Allele. Journal of Biological Rhythms, 2022, 37, 185-201.	1.4	12
128	Time-of-day-dependent adaptation of the HPA axis to predictable social defeat stress. Journal of Endocrinology, 2016, 231, 209-221.	1.2	10
129	The genetic basis of diurnal preference in Drosophila melanogaster. BMC Genomics, 2020, 21, 596.	1.2	10
130	The Neuropeptide PDF Is Crucial for Delaying the Phase of Drosophilaâ€™s Evening Neurons Under Long Zeitgeber Periods. Journal of Biological Rhythms, 2021, 36, 442-460.	1.4	10
131	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
132	GSK-3 Beta Does Not Stabilize Cryptochrome in the Circadian Clock of Drosophila. PLoS ONE, 2016, 11, e0146571.	1.1	9
133	Techniques that Revealed the Network of the Circadian Clock of Drosophila. Methods in Enzymology, 2005, 393, 439-451.	0.4	8
134	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
135	Longitudinal observations call into question the scientific consensus that humans are unaffected by lunar cycles. BioEssays, 2021, 43, 2100054.	1.2	8
136	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
137	Endocrine signals fine-tune daily activity patterns in Drosophila. Current Biology, 2021, 31, 4076-4087.e5.	1.8	7
138	Photoreceptors for the Circadian Clock of the Fruitfly. , 2002, , 94-106.		7
139	Implications of the Sap47 null mutation for synapsin phosphorylation, longevity, climbing, and behavioural plasticity in adult Drosophila. Journal of Experimental Biology, 2019, 222, .	0.8	5
140	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
141	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
142	An effective model of endogenous clocks and external stimuli determining circadian rhythms. Scientific Reports, 2021, 11, 16165.	1.6	4
143	The pigmentâ€dispersing factor neuronal network systematically grows in developing honey bees. Journal of Comparative Neurology, 2022, 530, 1321-1340.	0.9	3
144	Polarization Vision: Targets of Polarization-Sensitive Photoreceptors in the Drosophila Visual System. Current Biology, 2019, 29, R839-R842.	1.8	2

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145	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
146	Fliesâ€™ colour preferences depend on the time of day. Nature, 2019, 574, 43-44.	13.7	1
147	A Novel Thermal-Visual Place Learning Paradigm for Honeybees (Apis mellifera). Frontiers in Behavioral Neuroscience, 2020, 14, 56.	1.0	1
148	-Sleep and the Circadian Clock in Insects. , 2021, , .		1
149	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
150	Single-cell resolution long-term luciferase imaging in cultivated brains. MicroPublication Biology, 2020, 2020, .	0.1	0