

Patrick Emery

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

4,986
citations

218381

26
h-index

264894

42
g-index

49
all docs

49
docs citations

49
times ranked

3013
citing authors

#	ARTICLE	IF	CITATIONS
1	The cryb Mutation Identifies Cryptochrome as a Circadian Photoreceptor in Drosophila. Cell, 1998, 95, 681-692.	13.5	927
2	CRY, a Drosophila Clock and Light-Regulated Cryptochrome, Is a Major Contributor to Circadian Rhythm Resetting and Photosensitivity. Cell, 1998, 95, 669-679.	13.5	846
3	Drosophila CRY Is a Deep Brain Circadian Photoreceptor. Neuron, 2000, 26, 493-504.	3.8	390
4	Stopping Time: The Genetics of Fly and Mouse Circadian Clocks. Annual Review of Neuroscience, 2001, 24, 1091-1119.	5.0	287
5	Roles of the Two Drosophila CRYPTOCHROME Structural Domains in Circadian Photoreception. Science, 2004, 304, 1503-1506.	6.0	279
6	A unique circadian-rhythm photoreceptor. Nature, 2000, 404, 456-457.	13.7	227
7	Cryptochromes Define a Novel Circadian Clock Mechanism in Monarch Butterflies That May Underlie Sun Compass Navigation. PLoS Biology, 2008, 6, e4.	2.6	226
8	Light and Temperature Control the Contribution of Specific DN1 Neurons to Drosophila Circadian Behavior. Current Biology, 2010, 20, 600-605.	1.8	164
9	A Role for <i>Drosophila</i> ATX2 in Activation of PER Translation and Circadian Behavior. Science, 2013, 340, 879-882.	6.0	132
10	A Subset of Dorsal Neurons Modulates Circadian Behavior and Light Responses in Drosophila. Neuron, 2007, 53, 689-701.	3.8	119
11	The molecular ticks of the Drosophila circadian clock. Current Opinion in Insect Science, 2015, 7, 51-57.	2.2	119
12	A Plastic Clock: How Circadian Rhythms Respond to Environmental Cues in Drosophila. Molecular Neurobiology, 2008, 38, 129-145.	1.9	117
13	A Rhythmic Ror. Neuron, 2004, 43, 443-446.	3.8	114
14	Drosophila Clock Can Generate Ectopic Circadian Clocks. Cell, 2003, 113, 755-766.	13.5	112
15	The Circadian Clock Gates the Intestinal Stem Cell Regenerative State. Cell Reports, 2013, 3, 996-1004.	2.9	108
16	Circadian Rhythm of Temperature Preference and Its Neural Control in Drosophila. Current Biology, 2012, 22, 1851-1857.	1.8	84
17	Interactions between Circadian Neurons Control Temperature Synchronization of <i>Drosophila</i> Behavior. Journal of Neuroscience, 2007, 27, 10722-10733.	1.7	82
18	Wild-Type Circadian Rhythmicity Is Dependent on Closely Spaced E Boxes in the Drosophila timeless Promoter. Molecular and Cellular Biology, 2001, 21, 1207-1217.	1.1	77

#	ARTICLE	IF	CITATIONS
19	Studying circadian rhythms in <i>Drosophila melanogaster</i> . <i>Methods</i> , 2014, 68, 140-150.	1.9	71
20	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
21	PER-TIM Interactions with the Photoreceptor Cryptochrome Mediate Circadian Temperature Responses in <i>Drosophila</i> . <i>PLoS Biology</i> , 2007, 5, e146.	2.6	64
22	GW182 Controls <i>Drosophila</i> Circadian Behavior and PDF-Receptor Signaling. <i>Neuron</i> , 2013, 78, 152-165.	3.8	46
23	<i>miR-124</i> Regulates the Phase of <i>Drosophila</i> Circadian Locomotor Behavior. <i>Journal of Neuroscience</i> , 2016, 36, 2007-2013.	1.7	40
24	A Constant Light-Genetic Screen Identifies KISMET as a Regulator of Circadian Photoresponses. <i>PLoS Genetics</i> , 2009, 5, e1000787.	1.5	39
25	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
26	Ectopic CRYPTOCHROME Renders TIM Light Sensitive in the <i>Drosophila</i> Ovary. <i>Journal of Biological Rhythms</i> , 2006, 21, 272-278.	1.4	27
27	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
28	<i>Drosophila</i> PSI controls circadian period and the phase of circadian behavior under temperature cycle via <i>tim</i> splicing. <i>ELife</i> , 2019, 8, .	2.8	23
29	KAYAK Modulates Circadian Transcriptional Feedback Loops in <i>Drosophila</i> Pacemaker Neurons. <i>Journal of Neuroscience</i> , 2012, 32, 16959-16970.	1.7	21
30	<i>Drosophila</i> Cryptochrome: Variations in Blue. <i>Journal of Biological Rhythms</i> , 2020, 35, 16-27.	1.4	21
31	Molecular and Neural Control of Insect Circadian Rhythms. , 2012, , 513-551.		18
32	Protein Extraction From <i>Drosophila</i> Heads. <i>Methods in Molecular Biology</i> , 2007, 362, 375-377.	0.4	17
33	Neural Network Interactions Modulate CRY-Dependent Photoresponses in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2018, 38, 6161-6171.	1.7	15
34	Astrocytic GABA transporter controls sleep by modulating GABAergic signaling in <i>Drosophila</i> circadian neurons. <i>Current Biology</i> , 2022, 32, 1895-1908.e5.	1.8	10
35	RNA Extraction From <i>Drosophila</i> Heads. <i>Methods in Molecular Biology</i> , 2007, 362, 305-307.	0.4	5
36	Dopaminergic Ric GTPase activity impacts amphetamine sensitivity and sleep quality in a dopamine transporter-dependent manner in <i>Drosophila melanogaster</i> . <i>Molecular Psychiatry</i> , 2021, 26, 7793-7802.	4.1	5

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37	RNase Protection Assay. <i>Methods in Molecular Biology</i> , 2007, 362, 343-348.	0.4	4
38	Glia Got Rhythm. <i>Neuron</i> , 2007, 55, 337-339.	3.8	3
39	Circadian Rhythms: Timing the Sense of Smell. <i>Current Biology</i> , 2008, 18, R569-R571.	1.8	3
40	Circadian Rhythms: An Electric Jolt to the Clock. <i>Current Biology</i> , 2012, 22, R876-R878.	1.8	3
41	Mutagenesis With <i>Drosophila</i> . <i>Methods in Molecular Biology</i> , 2007, 362, 187-195.	0.4	1
42	Connecting Circadian Genes to Neurodegenerative Pathways in Fruit Flies. <i>PLoS Genetics</i> , 2015, 11, e1005266.	1.5	1