

David Whitmore

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

1,361
citations

13
h-index

26
g-index

26
ext. papers

1,602
ext. citations

9.1
avg. IF

4.49
L-index

#	Paper	IF	Citations
24	Light acts directly on organs and cells in culture to set the vertebrate circadian clock. <i>Nature</i> , 2000 , 404, 87-91	50.4	365
23	Zebrafish Clock rhythmic expression reveals independent peripheral circadian oscillators. <i>Nature Neuroscience</i> , 1998 , 1, 701-7	25.5	296
22	Light regulates the cell cycle in zebrafish. <i>Current Biology</i> , 2003 , 13, 2051-7	6.3	145
21	E-box function in a period gene repressed by light. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 4106-11	11.5	119
20	Autonomous onset of the circadian clock in the zebrafish embryo. <i>EMBO Journal</i> , 2008 , 27, 2757-65	13	86
19	An extended family of novel vertebrate photopigments is widely expressed and displays a diversity of function. <i>Genome Research</i> , 2015 , 25, 1666-79	9.7	85
18	Circadian rhythmicity and light sensitivity of the zebrafish brain. <i>PLoS ONE</i> , 2014 , 9, e86176	3.7	58
17	Life in a dark biosphere: a review of circadian physiology in "arrhythmic" environments. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2016 , 186, 947-968	2.2	43
16	Circadian Clocks in Fish-What Have We Learned so far?. <i>Biology</i> , 2019 , 8,	4.9	36
15	A simple and effective F0 knockout method for rapid screening of behaviour and other complex phenotypes. <i>ELife</i> , 2021 , 10,	8.9	31
14	Light acts on the zebrafish circadian clock to suppress rhythmic mitosis and cell proliferation. <i>Journal of Biological Rhythms</i> , 2012 , 27, 226-36	3.2	24
13	Transcription factors involved in retinogenesis are co-opted by the circadian clock following photoreceptor differentiation. <i>Development (Cambridge)</i> , 2014 , 141, 2644-56	6.6	23
12	Early Embryonic Light Detection Improves Survival. <i>Current Biology</i> , 2004 , 14, 446	6.3	13
11	Development of the <i>Astyanax mexicanus</i> circadian clock and non-visual light responses. <i>Developmental Biology</i> , 2018 , 441, 345-354	3.1	12
10	Cellular aspects of molluskan biochronometry. <i>Seminars in Cell and Developmental Biology</i> , 1996 , 7, 781-789	7.9	9
9	Methylation deficiency disrupts biological rhythms from bacteria to humans. <i>Communications Biology</i> , 2020 , 3, 211	6.7	6
8	Unwinding the Snail's Clock: Cellular Analysis of a Retinal Circadian Pacemaker. <i>Animal Biology</i> , 1993 , 44, 550-562		3

7	Cellular Clocks and the Importance of Light in Zebrafish 2010 , 125-153		2
6	Zebrafish Circadian Clock Entrainment and the Importance of Broad Spectral Light Sensitivity. <i>Frontiers in Physiology</i> , 2020 , 11, 1002	4.6	2
5	The Importance of Stochastic Effects for Explaining Entrainment in the Zebrafish Circadian Clock. <i>Computational and Mathematical Methods in Medicine</i> , 2015 , 2015, 254979	2.8	1
4	A simple and effective F0 knockout method for rapid screening of behaviour and other complex phenotypes		1
3	Are the patterns of cytomegalovirus viral load seen after solid organ transplantation affected by circadian rhythm?. <i>Journal of Infectious Diseases</i> , 2022 ,	7	1
2	Daily rhythms in heartbeat rate are intrinsic to the zebrafish heart. <i>Current Biology</i> , 2021 , 31, R239-R240.3		0
1	Circadian Clock Control of the Cell Cycle and Links to Cancer 2015 , 169-181		