David Whitmore

List of Publications by Year
in descending order

22 papers	1,791 citations	623574 14 h-index	677027 22 g-index
26 all docs	26 docs citations	26 times ranked	1644 citing authors

#	Article	IF	Citations
1	Light acts directly on organs and cells in culture to set the vertebrate circadian clock. Nature, 2000, 404, 87-91.	13.7	414
2	Zebrafish Clock rhythmic expression reveals independent peripheral circadian oscillators. Nature Neuroscience, 1998, 1, 701-707.	7.1	326
3	Light Regulates the Cell Cycle in Zebrafish. Current Biology, 2003, 13, 2051-2057.	1.8	163
4	E-box function in a period gene repressed by light. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 4106-4111.	3.3	136
5	A simple and effective F0 knockout method for rapid screening of behaviour and other complex phenotypes. ELife, 2021, 10, .	2.8	131
6	An extended family of novel vertebrate photopigments is widely expressed and displays a diversity of function. Genome Research, 2015, 25, 1666-1679.	2.4	121
7	Autonomous onset of the circadian clock in the zebrafish embryo. EMBO Journal, 2008, 27, 2757-2765.	3.5	105
8	Circadian Rhythmicity and Light Sensitivity of the Zebrafish Brain. PLoS ONE, 2014, 9, e86176.	1.1	94
9	Circadian Clocks in Fishâ€"What Have We Learned so far?. Biology, 2019, 8, 17.	1.3	74
10	Life in a dark biosphere: a review of circadian physiology in â€œarrhythmicâ€•environments. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2016, 186, 947-968.	0.7	68
11	Transcription factors involved in retinogenesis are co-opted by the circadian clock following photoreceptor differentiation. Development (Cambridge), 2014, 141, 2644-2656.	1.2	36
12	Light Acts on the Zebrafish Circadian Clock to Suppress Rhythmic Mitosis and Cell Proliferation. Journal of Biological Rhythms, 2012, 27, 226-236.	1.4	30
13	Development of the Astyanax mexicanus circadian clock and non-visual light responses. Developmental Biology, 2018, 441, 345-354.	0.9	21
14	Methylation deficiency disrupts biological rhythms from bacteria to humans. Communications Biology, 2020, 3, 211.	2.0	17
15	Early Embryonic Light Detection Improves Survival. Current Biology, 2004, 14, 446.	1.8	15
16	Cellular aspects of molluskan biochronometry. Seminars in Cell and Developmental Biology, 1996, 7, 781-789.	2.3	13
17	Zebrafish Circadian Clock Entrainment and the Importance of Broad Spectral Light Sensitivity. Frontiers in Physiology, 2020, 11, 1002.	1.3	13
18	Unwinding the Snail's Clock: Cellular Analysis of a Retinal Circadian Pacemaker. Animal Biology, 1993, 44, 550-562.	0.4	3

#	Article	IF	Citations
19	Daily rhythms in heartbeat rate are intrinsic to the zebrafish heart. Current Biology, 2021, 31, R239-R240.	1.8	3
20	Cellular Clocks and the Importance of Light in Zebrafish. , 2010, , 125-153.		2
21	Are the Patterns of Cytomegalovirus Viral Load Seen After Solid Organ Transplantation Affected by Circadian Rhythm?. Journal of Infectious Diseases, 2022, 226, 357-365.	1.9	2
22	The Importance of Stochastic Effects for Explaining Entrainment in the Zebrafish Circadian Clock. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-9.	0.7	1