Charles J Weitz

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10252135/publications.pdf

Version: 2024-02-01

25 papers	8,333 citations	331538 21 h-index	580701 25 g-index
25 all docs	25 docs citations	25 times ranked	6648 citing authors

#	Article	IF	Citations
1	Role of the CLOCK Protein in the Mammalian Circadian Mechanism. Science, 1998, 280, 1564-1569.	6.0	1,769
2	Extensive and divergent circadian gene expression in liver and heart. Nature, 2002, 417, 78-83.	13.7	1,391
3	Physiological significance of a peripheral tissue circadian clock. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15172-15177.	3.3	959
4	Light-Independent Role of CRY1 and CRY2 in the Mammalian Circadian Clock. Science, 1999, 286, 768-771.	6.0	633
5	Light-Dependent Sequestration of TIMELESS by CRYPTOCHROME. Science, 1999, 285, 553-556.	6.0	535
6	Regulation of Daily Locomotor Activity and Sleep by Hypothalamic EGF Receptor Signaling. Science, 2001, 294, 2511-2515.	6.0	481
7	Intrinsic Circadian Clock of the Mammalian Retina: Importance for Retinal Processing of Visual Information. Cell, 2007, 130, 730-741.	13.5	389
8	Mammalian Circadian Autoregulatory Loop. Neuron, 1998, 21, 1101-1113.	3.8	333
9	A Molecular Mechanism for Circadian Clock Negative Feedback. Science, 2011, 332, 1436-1439.	6.0	277
10	An intrinsic circadian clock of the pancreas is required for normal insulin release and glucose homeostasis in mice. Diabetologia, 2011, 54, 120-124.	2.9	276
11	Guidelines for Genome-Scale Analysis of Biological Rhythms. Journal of Biological Rhythms, 2017, 32, 380-393.	1.4	237
12	Macromolecular Assemblies of the Mammalian Circadian Clock. Molecular Cell, 2017, 67, 770-782.e6.	4.5	198
13	Feedback Regulation of Transcriptional Termination by the Mammalian Circadian Clock PERIOD Complex. Science, 2012, 337, 599-602.	6.0	139
14	Identification of RACK1 and Protein Kinase CÎ± as Integral Components of the Mammalian Circadian Clock. Science, 2010, 327, 463-466.	6.0	131
15	A Screen for Genes Induced in the Suprachiasmatic Nucleus by Light. Science, 1998, 279, 1544-1547.	6.0	109
16	Temporal orchestration of repressive chromatin modifiers by circadian clock Period complexes. Nature Structural and Molecular Biology, 2014, 21, 126-132.	3.6	89
17	A positive feedback loop links circadian clock factor CLOCK-BMAL1 to the basic transcriptional machinery. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16021-16026.	3.3	81
18	Specificity in Circadian Clock Feedback from Targeted Reconstitution of the NuRD Corepressor. Molecular Cell, 2014, 56, 738-748.	4.5	79

#	Article	IF	Citations
19	CIPC is a mammalian circadian clock protein without invertebrate homologues. Nature Cell Biology, 2007, 9, 268-275.	4.6	74
20	Circadian hepatocyte clocks keep synchrony in the absence of a master pacemaker in the suprachiasmatic nucleus or other extrahepatic clocks. Genes and Development, 2021, 35, 329-334.	2.7	56
21	Histone monoubiquitination by Clockâ€“Bmal1 complex marks Per1 and Per2 genes for circadian feedback. Nature Structural and Molecular Biology, 2015, 22, 759-766.	3.6	45
22	Single-cell analysis of circadian dynamics in tissue explants. Molecular Biology of the Cell, 2015, 26, 3940-3945.	0.9	18
23	Purification and Analysis of PERIOD Protein Complexes of the Mammalian Circadian Clock. Methods in Enzymology, 2015, 551, 197-210.	0.4	17
24	Regulation of Daily Locomotor Activity and Sleep by Hypothalamic EGF Receptor Signalling. Novartis Foundation Symposium, 2008, , 250-266.	1.2	10
25	Formation of thyroid hormone revealed by a cryo-EM structure of native bovine thyroglobulin. Nature Communications, 2022, 13, 2380.	5.8	7