

# Charles J Weitz

## List of Publications by Year in descending order

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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	Formation of thyroid hormone revealed by a cryo-EM structure of native bovine thyroglobulin. <i>Nature Communications</i> , 2022, 13, 2380.	5.8	7
2	Circadian hepatocyte clocks keep synchrony in the absence of a master pacemaker in the suprachiasmatic nucleus or other extrahepatic clocks. <i>Genes and Development</i> , 2021, 35, 329-334.	2.7	56
3	Macromolecular Assemblies of the Mammalian Circadian Clock. <i>Molecular Cell</i> , 2017, 67, 770-782.e6.	4.5	198
4	Guidelines for Genome-Scale Analysis of Biological Rhythms. <i>Journal of Biological Rhythms</i> , 2017, 32, 380-393.	1.4	237
5	Single-cell analysis of circadian dynamics in tissue explants. <i>Molecular Biology of the Cell</i> , 2015, 26, 3940-3945.	0.9	18
6	Purification and Analysis of PERIOD Protein Complexes of the Mammalian Circadian Clock. <i>Methods in Enzymology</i> , 2015, 551, 197-210.	0.4	17
7	Histone monoubiquitination by Clockâ€™Bmal1 complex marks Per1 and Per2 genes for circadian feedback. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 759-766.	3.6	45
8	Specificity in Circadian Clock Feedback from Targeted Reconstitution of the NuRD Corepressor. <i>Molecular Cell</i> , 2014, 56, 738-748.	4.5	79
9	Temporal orchestration of repressive chromatin modifiers by circadian clock Period complexes. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 126-132.	3.6	89
10	A positive feedback loop links circadian clock factor CLOCK-BMAL1 to the basic transcriptional machinery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16021-16026.	3.3	81
11	Feedback Regulation of Transcriptional Termination by the Mammalian Circadian Clock PERIOD Complex. <i>Science</i> , 2012, 337, 599-602.	6.0	139
12	A Molecular Mechanism for Circadian Clock Negative Feedback. <i>Science</i> , 2011, 332, 1436-1439.	6.0	277
13	An intrinsic circadian clock of the pancreas is required for normal insulin release and glucose homeostasis in mice. <i>Diabetologia</i> , 2011, 54, 120-124.	2.9	276
14	Identification of RACK1 and Protein Kinase CÎ± as Integral Components of the Mammalian Circadian Clock. <i>Science</i> , 2010, 327, 463-466.	6.0	131
15	Physiological significance of a peripheral tissue circadian clock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15172-15177.	3.3	959
16	Regulation of Daily Locomotor Activity and Sleep by Hypothalamic EGF Receptor Signalling. <i>Novartis Foundation Symposium</i> , 2008, , 250-266.	1.2	10
17	Intrinsic Circadian Clock of the Mammalian Retina: Importance for Retinal Processing of Visual Information. <i>Cell</i> , 2007, 130, 730-741.	13.5	389
18	CIPC is a mammalian circadian clock protein without invertebrate homologues. <i>Nature Cell Biology</i> , 2007, 9, 268-275.	4.6	74

#	ARTICLE	IF	CITATIONS
19	Extensive and divergent circadian gene expression in liver and heart. <i>Nature</i> , 2002, 417, 78-83.	13.7	1,391
20	Regulation of Daily Locomotor Activity and Sleep by Hypothalamic EGF Receptor Signaling. <i>Science</i> , 2001, 294, 2511-2515.	6.0	481
21	Light-Dependent Sequestration of TIMELESS by CRYPTOCHROME. <i>Science</i> , 1999, 285, 553-556.	6.0	535
22	Light-Independent Role of CRY1 and CRY2 in the Mammalian Circadian Clock. <i>Science</i> , 1999, 286, 768-771.	6.0	633
23	Mammalian Circadian Autoregulatory Loop. <i>Neuron</i> , 1998, 21, 1101-1113.	3.8	333
24	A Screen for Genes Induced in the Suprachiasmatic Nucleus by Light. <i>Science</i> , 1998, 279, 1544-1547.	6.0	109
25	Role of the CLOCK Protein in the Mammalian Circadian Mechanism. <i>Science</i> , 1998, 280, 1564-1569.	6.0	1,769