

Carla B Green

List of Publications by Year in descending order

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54
papers

7,554
citations

147566

31
h-index

182168

51
g-index

56
all docs

56
docs citations

56
times ranked

8007
citing authors

#	ARTICLE	IF	CITATIONS
1	Circadian alignment of early onset caloric restriction promotes longevity in male C57BL/6J mice. <i>Science</i> , 2022, 376, 1192-1202.	6.0	157
2	The Disordered Amino Terminus of the Circadian Enzyme Nocturnin Modulates Its NADP(H) Phosphatase Activity by Changing Protein Dynamics. <i>Biochemistry</i> , 2022, , .	1.2	4
3	Time to target the circadian clock for drug discovery. <i>Trends in Biochemical Sciences</i> , 2022, 47, 745-758.	3.7	28
4	Importance of circadian timing for aging and longevity. <i>Nature Communications</i> , 2021, 12, 2862.	5.8	106
5	Natural antisense transcript of <i>Period2</i> , <i>Per2AS</i> , regulates the amplitude of the mouse circadian clock. <i>Genes and Development</i> , 2021, 35, 899-913.	2.7	13
6	Circadian alignment of feeding regulates lifespan extension by caloric restriction. <i>Innovation in Aging</i> , 2021, 5, 116-116.	0.0	0
7	Periodicity, repression, and the molecular architecture of the mammalian circadian clock. <i>European Journal of Neuroscience</i> , 2020, 51, 139-165.	1.2	30
8	Spatiotemporal regulation of NADP(H) phosphatase Nocturnin and its role in oxidative stress response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 993-999.	3.3	21
9	The Circadian Protein Nocturnin Regulates Metabolic Adaptation in Brown Adipose Tissue. <i>Science</i> , 2019, 19, 83-92.	1.9	12
10	Medicine in the Fourth Dimension. <i>Cell Metabolism</i> , 2019, 30, 238-250.	7.2	245
11	Nobiletin fortifies mitochondrial respiration in skeletal muscle to promote healthy aging against metabolic challenge. <i>Nature Communications</i> , 2019, 10, 3923.	5.8	123
12	A novel mouse model overexpressing <i>Nocturnin</i> results in decreased fat mass in male mice. <i>Journal of Cellular Physiology</i> , 2019, 234, 20228-20239.	2.0	12
13	Chemical and structural analysis of a photoactive vertebrate cryptochrome from pigeon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19449-19457.	3.3	91
14	Many paths to preserve the body clock. <i>Science</i> , 2019, 363, 124-125.	6.0	1
15	Temporal Control of Metabolic Amplitude by Nocturnin. <i>Cell Reports</i> , 2018, 22, 1225-1235.	2.9	42
16	Rhythms of metabolism in adipose tissue and mitochondria. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2018, 4, 57-63.	1.4	18
17	An evolutionary hotspot defines functional differences between CRYPTOCHROMES. <i>Nature Communications</i> , 2018, 9, 1138.	5.8	72
18	Circadian Posttranscriptional Regulatory Mechanisms in Mammals. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018, 10, a030692.	2.3	50

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19	Role of Circadian Deadenylase Nocturnin in the Mitochondria. <i>FASEB Journal</i> , 2018, 32, 805.25.	0.2	0
20	Diurnal Oscillations in Liver Mass and Cell Size Accompany Ribosome Assembly Cycles. <i>Cell</i> , 2017, 169, 651-663.e14.	13.5	170
21	<i>Period2</i> 3' UTR and microRNA-24 regulate circadian rhythms by repressing PERIOD2 protein accumulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8855-E8864.	3.3	71
22	Guidelines for Genome-Scale Analysis of Biological Rhythms. <i>Journal of Biological Rhythms</i> , 2017, 32, 380-393.	1.4	237
23	Mice under Caloric Restriction Self-Impose a Temporal Restriction of Food Intake as Revealed by an Automated Feeder System. <i>Cell Metabolism</i> , 2017, 26, 267-277.e2.	7.2	176
24	Cold cuts added to the circadian smorgasbord of regulatory mechanisms. <i>Genes and Development</i> , 2016, 30, 1909-1910.	2.7	2
25	Changes in poly(A) tail length dynamics from the loss of the circadian deadenylase Nocturnin. <i>Scientific Reports</i> , 2015, 5, 17059.	1.6	27
26	ChIP-seq and RNA-seq Methods to Study Circadian Control of Transcription in Mammals. <i>Methods in Enzymology</i> , 2015, 551, 285-321.	0.4	26
27	Analysis of Circadian Regulation of Poly(A)-Tail Length. <i>Methods in Enzymology</i> , 2015, 551, 387-403.	0.4	6
28	Molecular assembly of the period-cryptochrome circadian transcriptional repressor complex. <i>ELife</i> , 2014, 3, e03674.	2.8	90
29	Molecular architecture of the mammalian circadian clock. <i>Trends in Cell Biology</i> , 2014, 24, 90-99.	3.6	1,084
30	Phosphorylation of the Cryptochrome 1 C-terminal Tail Regulates Circadian Period Length. <i>Journal of Biological Chemistry</i> , 2013, 288, 35277-35286.	1.6	66
31	Kiss your tail goodbye: The role of PARN, Nocturnin, and Angel deadenylases in mRNA biology. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2013, 1829, 571-579.	0.9	38
32	Competing E3 Ubiquitin Ligases Govern Circadian Periodicity by Degradation of CRY in Nucleus and Cytoplasm. <i>Cell</i> , 2013, 152, 1091-1105.	13.5	280
33	Circadian control of mRNA polyadenylation dynamics regulates rhythmic protein expression. <i>Genes and Development</i> , 2012, 26, 2724-2736.	2.7	159
34	Crystal Structure of the Heterodimeric CLOCK:BMAL1 Transcriptional Activator Complex. <i>Science</i> , 2012, 337, 189-194.	6.0	270
35	Central and Peripheral Circadian Clocks in Mammals. <i>Annual Review of Neuroscience</i> , 2012, 35, 445-462.	5.0	1,741
36	Nocturnin Expression Is Induced by Fasting in the White Adipose Tissue of Restricted Fed Mice. <i>PLoS ONE</i> , 2011, 6, e17051.	1.1	28

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37	The Circadian Deadenylase Nocturnin Is Necessary for Stabilization of the iNOS mRNA in Mice. PLoS ONE, 2011, 6, e26954.	1.1	24
38	Nocturnin Regulates Circadian Trafficking of Dietary Lipid in Intestinal Enterocytes. Current Biology, 2011, 21, 1347-1355.	1.8	90
39	A circadian-regulated gene, <i>Nocturnin</i> , promotes adipogenesis by stimulating PPAR- β nuclear translocation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10508-10513.	3.3	136
40	Nocturnin Suppresses Igf1 Expression in Bone by Targeting the 3' UTR of Igf1 mRNA. Endocrinology, 2010, 151, 4861-4870.	1.4	44
41	MicroRNA-122 Modulates the Rhythmic Expression Profile of the Circadian Deadenylase Nocturnin in Mouse Liver. PLoS ONE, 2010, 5, e11264.	1.1	86
42	Generation of a Novel Allelic Series of Cryptochrome Mutants via Mutagenesis Reveals Residues Involved in Protein-Protein Interaction and CRY2-Specific Repression. Molecular and Cellular Biology, 2009, 29, 5465-5476.	1.1	25
43	The Meter of Metabolism. Cell, 2008, 134, 728-742.	13.5	873
44	Loss of Nocturnin, a circadian deadenylase, confers resistance to hepatic steatosis and diet-induced obesity. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9888-9893.	3.3	196
45	Immediate early response of the circadian polyA ribonuclease nocturnin to two extracellular stimuli. Rna, 2007, 13, 745-755.	1.6	73
46	Xenobiotic metabolism in the fourth dimension: PARTners in time. Cell Metabolism, 2006, 4, 3-4.	7.2	10
47	Time for chronotherapy? Clock genes dictate sensitivity to cyclophosphamide. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3529-3530.	3.3	9
48	Cryptochromes: Tail-ored for Distinct Functions. Current Biology, 2004, 14, R847-R849.	1.8	20
49	Retinal Circadian Clocks and Control of Retinal Physiology. Journal of Biological Rhythms, 2004, 19, 91-102.	1.4	130
50	Nocturnin, a Deadenylase in <i>Xenopus laevis</i> Retina. Current Biology, 2003, 13, 189-198.	1.8	174
51	CIRCADIAN RHYTHMS: Clocks on the Brain. Science, 2003, 301, 319-320.	6.0	28
52	Rhythmic expression of Nocturnin mRNA in multiple tissues of the mouse. BMC Developmental Biology, 2001, 1, 9.	2.1	103
53	Symphony of rhythms in the <i>Xenopus laevis</i> retina. Microscopy Research and Technique, 2000, 50, 360-372.	1.2	35
54	The Circadian Protein Nocturnin Regulates Metabolic Adaptation in Brown Adipose Tissue. SSRN Electronic Journal, 0, , .	0.4	0