Paolo Sassone-Corsi

List of Publications by Year
in descending order

315 papers	45,713 citations	1532 106 h-index	2076 204 g-index
343 all docs	343 docs citations	343 times ranked	36671 citing authors

#	Article	IF	Citations
1	Rapid-acting antidepressants and the circadian clock. Neuropsychopharmacology, 2022, 47, 805-816.	2.8	28
2	Tuning up an aged clock: Circadian clock regulation in metabolism and aging. Translational Medicine of Aging, 2022, 6, 1-13.	0.6	3
3	Atlas of exercise metabolism reveals time-dependent signatures of metabolic homeostasis. Cell Metabolism, 2022, 34, 329-345.e8.	7.2	86
4	Dopamine D2 receptor signaling in the brain modulates circadian liver metabolomic profiles. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2117113119.	3.3	5
5	Nutrition, metabolism, and epigenetics: pathways of circadian reprogramming. EMBO Reports, 2022, 23, e52412.	2.0	26
6	Antibiotic-induced microbiome depletion remodels daily metabolic cycles in the brain. Life Sciences, 2022, 303, 120601.	2.0	1
7	The central clock suffices to drive the majority of circulatory metabolic rhythms. Science Advances, 2022, 8, .	4.7	11
8	Communicating clocks shape circadian homeostasis. Science, 2021, 371, .	6.0	133
9	Combined Gene Expression and Chromatin Immunoprecipitation From a Single Mouse Hippocampus. Current Protocols, 2021, 1, e33.	1.3	2
10	The Circadian Protein PER1 Modulates the Cellular Response to Anticancer Treatments. International Journal of Molecular Sciences, 2021, 22, 2974.	1.8	10
11	Ketogenesis impact on liver metabolism revealed by proteomics of lysine Î²-hydroxybutyrylation. Cell Reports, 2021, 36, 109487.	2.9	56
12	Integration of feeding behavior by the liver circadian clock reveals network dependency of metabolic rhythms. Science Advances, 2021, 7, eabi7828.	4.7	50
13	Linking Depression to Epigenetics: Role of the Circadian Clock. Advances in Experimental Medicine and Biology, 2021, 1344, 43-53.	0.8	3
14	Doxorubicin persistently rewires cardiac circadian homeostasis in mice. Archives of Toxicology, 2020, 94, 257-271.	1.9	8
15	BMAL1 Associates with NOP58 in the Nucleolus and Contributes to Pre-rRNA Processing. IScience, 2020, 23, 101151.	1.9	13
16	Reshaping circadian metabolism in the suprachiasmatic nucleus and prefrontal cortex by nutritional challenge. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29904-29913.	3.3	27
17	Chrono-nutrition for the prevention and treatment of obesity and type 2 diabetes: from mice to men. Diabetologia, 2020, 63, 2253-2259.	2.9	72
18	A non-pharmacological therapeutic approach in the gut triggers distal metabolic rewiring capable of ameliorating diet-induced dysfunctions encompassed by metabolic syndrome. Scientific Reports, 2020, 10, 12915.	1.6	7

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19	Personalized medicine and circadian rhythms: Opportunities for modern society. Journal of Experimental Medicine, 2020, 217, .	4.2	13
20	Time-restricted feeding alters lipid and amino acid metabolite rhythmicity without perturbing clock gene expression. Nature Communications, 2020, 11, 4643.	5.8	69
21	Cocaine-mediated circadian reprogramming in the striatum through dopamine D2R and PPARÎ³ activation. Nature Communications, 2020, 11, 4448.	5.8	19
22	Metabolic rivalry: circadian homeostasis and tumorigenesis. Nature Reviews Cancer, 2020, 20, 645-661.	12.8	65
23	S-adenosyl- <scp>l</scp> -homocysteine hydrolase links methionine metabolism to the circadian clock and chromatin remodeling. Science Advances, 2020, 6, .	4.7	49
24	Homer1a Undergoes Bimodal Transcriptional Regulation by CREB and the Circadian Clock. Neuroscience, 2020, 434, 161-170.	1.1	9
25	Clock-in, clock-out: circadian timekeeping between tissues. Biochemist, 2020, 42, 6-10.	0.2	5
26	Circadian and epigenetic control of depression-like behaviors. Current Opinion in Behavioral Sciences, 2019, 25, 15-22.	2.0	8
27	Modification of histone proteins by serotonin in the nucleus. Nature, 2019, 567, 464-465.	13.7	9
28	Nutrientâ€sensitive transcription factors <scp>TFEB</scp> and <scp>TFE</scp> 3 couple autophagy and metabolism to the peripheral clock. EMBO Journal, 2019, 38, .	3.5	58
29	Defining the Independence of the Liver Circadian Clock. Cell, 2019, 177, 1448-1462.e14.	13.5	213
30	BMAL1-Driven Tissue Clocks Respond Independently to Light to Maintain Homeostasis. Cell, 2019, 177, 1436-1447.e12.	13.5	107
31	Light Entrains Diurnal Changes in Insulin Sensitivity of Skeletal Muscle via Ventromedial Hypothalamic Neurons. Cell Reports, 2019, 27, 2385-2398.e3.	2.9	15
32	Time of Exercise Specifies the Impact on Muscle Metabolic Pathways and Systemic Energy Homeostasis. Cell Metabolism, 2019, 30, 92-110.e4.	7.2	176
33	Distinct metabolic adaptation of liver circadian pathways to acute and chronic patterns of alcohol intake. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25250-25259.	3.3	38
34	Circadian blueprint of metabolic pathways in the brain. Nature Reviews Neuroscience, 2019, 20, 71-82.	4.9	70
35	Molecular Cogs: Interplay between Circadian Clock and Cell Cycle. Trends in Cell Biology, 2018, 28, 368-379.	3.6	112
36	Interplay between Microbes and the Circadian Clock. Cold Spring Harbor Perspectives in Biology, 2018, 10, a028365.	2.3	26

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37	Cooperative interaction among BMAL1, HSF1, and p53 protects mammalian cells from UV stress. Communications Biology, 2018, 1, 204.	2.0	25
38	Fasting Imparts a Switch to Alternative Daily Pathways in Liver and Muscle. Cell Reports, 2018, 25, 3299-3314.e6.	2.9	106
39	The emerging link between cancer, metabolism, and circadian rhythms. Nature Medicine, 2018, 24, 1795-1803.	15.2	256
40	Atlas of Circadian Metabolism Reveals System-wide Coordination and Communication between Clocks. Cell, 2018, 174, 1571-1585.e11.	13.5	258
41	Epigenetic regulation of the circadian gene Per1 contributes to age-related changes in hippocampal memory. Nature Communications, 2018, 9, 3323.	5.8	118
42	Human metabolomics reveal daily variations under nutritional challenges specific to serum and skeletal muscle. Molecular Metabolism, 2018, 16, 1-11.	3.0	55
43	CircadiOmics: circadian omic web portal. Nucleic Acids Research, 2018, 46, W157-W162.	6.5	39
44	A Circadian Genomic Signature Common to Ketamine and Sleep Deprivation in the Anterior Cingulate Cortex. Biological Psychiatry, 2017, 82, 351-360.	0.7	82
45	Distinct Circadian Signatures in Liver and Gut Clocks Revealed by Ketogenic Diet. Cell Metabolism, 2017, 26, 523-538.e5.	7.2	162
46	Circadian Coordination of Antimicrobial Responses. Cell Host and Microbe, 2017, 22, 185-192.	5.1	50
47	Aged Stem Cells Reprogram Their Daily Rhythmic Functions to Adapt to Stress. Cell, 2017, 170, 678-692.e20.	13.5	189
48	Circadian Reprogramming in the Liver Identifies Metabolic Pathways of Aging. Cell, 2017, 170, 664-677.e11.	13.5	277
49	Guidelines for Genome-Scale Analysis of Biological Rhythms. Journal of Biological Rhythms, 2017, 32, 380-393.	1.4	237
50	Sirtuins and the Circadian Clock: Epigenetic and Metabolic Crosstalk. , 2016, , 229-242.		1
51	Lung Adenocarcinoma Distally Rewires Hepatic Circadian Homeostasis. Cell, 2016, 165, 896-909.	13.5	195
52	Gut microbiota directs <scp>PPAR</scp> Î³â€driven reprogramming of the liver circadian clock by nutritional challenge. EMBO Reports, 2016, 17, 1292-1303.	2.0	127
53	Histone Deacetylase SIRT1 Controls Proliferation, Circadian Rhythm, and Lipid Metabolism during Liver Regeneration in Mice. Journal of Biological Chemistry, 2016, 291, 23318-23329.	1.6	62
54	Spatial dynamics of SIRT1 and the subnuclear distribution of NADH species. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12715-12720.	3.3	59

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55	What time is it? Deep learning approaches for circadian rhythms. Bioinformatics, 2016, 32, i8-i17.	1.8	68
56	Spatial Dynamics of SIRT1 Dictate Metabolic Transitions in the Cell Nucleus. Biophysical Journal, 2016, 110, 237a-238a.	0.2	0
57	Comparative Circadian Metabolomics Reveal Differential Effects of Nutritional Challenge in the Serum and Liver. Journal of Biological Chemistry, 2016, 291, 2812-2828.	1.6	61
58	The Circadian Clock in the Ventromedial Hypothalamus Controls Cyclic Energy Expenditure. Cell Metabolism, 2016, 23, 467-478.	7.2	96
59	Metabolic Signaling to Chromatin. Cold Spring Harbor Perspectives in Biology, 2016, 8, a019463.	2.3	110
60	The Epigenetic and Metabolic Language of the Circadian Clock. Research and Perspectives in Endocrine Interactions, 2016, , 1-11.	0.2	11
61	Phenotyping Circadian Rhythms in Mice. Current Protocols in Mouse Biology, 2015, 5, 271-281.	1.2	51
62	CRY Drives Cyclic CK2-Mediated BMAL1 Phosphorylation to Control the Mammalian Circadian Clock. PLoS Biology, 2015, 13, e1002293.	2.6	36
63	The pervasiveness and plasticity of circadian oscillations: the coupled circadian-oscillators framework. Bioinformatics, 2015, 31, 3181-3188.	1.8	24
64	Chromatin Dynamics of Circadian Transcription. Current Molecular Biology Reports, 2015, 1, 1-9.	0.8	10
65	Chromatin landscape and circadian dynamics: Spatial and temporal organization of clock transcription. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6863-6870.	3.3	56
66	Time for Food: The Intimate Interplay between Nutrition, Metabolism, and the Circadian Clock. Cell, 2015, 161, 84-92.	13.5	608
67	SIRT1 Relays Nutritional Inputs to the Circadian Clock Through the Sf1 Neurons of the Ventromedial Hypothalamus. Endocrinology, 2015, 156, 2174-2184.	1.4	53
68	Circadian clocks, epigenetics, and cancer. Current Opinion in Oncology, 2015, 27, 50-56.	1.1	105
69	NAD+-SIRT1 control of H3K4 trimethylation through circadian deacetylation of MLL1. Nature Structural and Molecular Biology, 2015, 22, 312-318.	3.6	97
70	Sirtuins and the circadian clock: Bridging chromatin and metabolism. Science Signaling, 2014, 7, re6.	1.6	78
71	Circadian Control of Fatty Acid Elongation by SIRT1 Protein-mediated Deacetylation of Acetyl-coenzyme A Synthetase 1. Journal of Biological Chemistry, 2014, 289, 6091-6097.	1.6	61
72	Circadian Clock Proteins and Immunity. Immunity, 2014, 40, 178-186.	6.6	451

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73	Circadian clock: linking epigenetics to aging. Current Opinion in Genetics and Development, 2014, 26, 66-72.	1.5	68
74	Local receptors as novel regulators for peripheral clock expression. FASEB Journal, 2014, 28, 4610-4616.	0.2	17
75	SirT1 is required in the male germ cell for differentiation and fecundity in mice. Development (Cambridge), 2014, 141, 3495-3504.	1.2	79
76	Partitioning Circadian Transcription by SIRT6 Leads to Segregated Control of Cellular Metabolism. Cell, 2014, 158, 659-672.	13.5	259
77	Regulation of spermatogenesis by small non-coding RNAs: Role of the germ granule. Seminars in Cell and Developmental Biology, 2014, 29, 84-92.	2.3	77
78	Muscle insulin sensitivity and glucose metabolism are controlled by the intrinsic muscle clock. Molecular Metabolism, 2014, 3, 29-41.	3.0	324
79	Epigenetic control and the circadian clock: Linking metabolism to neuronal responses. Neuroscience, 2014, 264, 76-87.	1.1	73
80	The time of your life. Cerebrum: the Dana Forum on Brain Science, 2014, 2014, 11.	0.1	1
81	Reprogramming of the Circadian Clock by Nutritional Challenge. Cell, 2013, 155, 1464-1478.	13.5	579
82	Cycles in spatial and temporal chromosomal organization driven by the circadian clock. Nature Structural and Molecular Biology, 2013, 20, 1206-1213.	3.6	110
83	The circadian clock and cell cycle: interconnected biological circuits. Current Opinion in Cell Biology, 2013, 25, 730-734.	2.6	99
84	Selective Kv1.3 channel blocker as therapeutic for obesity and insulin resistance. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2239-48.	3.3	71
85	When Metabolism and Epigenetics Converge. Science, 2013, 339, 148-150.	6.0	75
86	Metabolism and the Circadian Clock Converge. Physiological Reviews, 2013, 93, 107-135.	13.1	429
87	The circadian clock: a framework linking metabolism, epigenetics and neuronal function. Nature Reviews Neuroscience, 2013, 14, 69-75.	4.9	129
88	Linking Oxygen to Time: The Bidirectional Interaction Between the Hypoxic Signaling Pathway and the Circadian Clock. Chronobiology International, 2013, 30, 510-529.	0.9	70
89	Circadian acetylome reveals regulation of mitochondrial metabolic pathways. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3339-3344.	3.3	133
90	The Epigenetic Language of Circadian Clocks. Handbook of Experimental Pharmacology, 2013, , 29-44.	0.9	73

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91	The circadian epigenome: how metabolism talks to chromatin remodeling. Current Opinion in Cell Biology, 2013, 25, 170-176.	2.6	68
92	Circadian clock regulates the host response to <i>Salmonella</i>. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9897-9902.	3.3	216
93	Pharmacological modulation of circadian rhythms by synthetic activators of the deacetylase SIRT1. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3333-3338.	3.3	94
94	p75 Neurotrophin Receptor Is a Clock Gene That Regulates Oscillatory Components of Circadian and Metabolic Networks. Journal of Neuroscience, 2013, 33, 10221-10234.	1.7	38
95	Inducible cAMP Early Repressor Regulates the Period 1 Gene of the Hepatic and Adrenal Clocks. Journal of Biological Chemistry, 2013, 288, 10318-10327.	1.6	10
96	ROS Stress Resets Circadian Clocks to Coordinate Pro-Survival Signals. PLoS ONE, 2013, 8, e82006.	1.1	84
97	Histone Lysine-Specific Methyltransferases and Demethylases in Carcinogenesis: New Targets for Cancer Therapy and Prevention. Current Cancer Drug Targets, 2013, 13, 558-579.	0.8	65
98	The Cyclic AMP Pathway. Cold Spring Harbor Perspectives in Biology, 2012, 4, a011148-a011148.	2.3	348
99	Minireview: NAD+, a Circadian Metabolite with an Epigenetic Twist. Endocrinology, 2012, 153, 1-5.	1.4	64
100	SIRT1-mediated deacetylation of MeCP2 contributes to BDNF expression. Epigenetics, 2012, 7, 695-700.	1.3	118
101	Circadian rhythms and memory formation: regulation by chromatin remodeling. Frontiers in Molecular Neuroscience, 2012, 5, 37.	1.4	28
102	Heteroplasmy of Mouse mtDNA Is Genetically Unstable and Results in Altered Behavior and Cognition. Cell, 2012, 151, 333-343.	13.5	333
103	Regulation of metabolism: the circadian clock dictates the time. Trends in Endocrinology and Metabolism, 2012, 23, 1-8.	3.1	178
104	The RelB subunit of NFÎºB acts as a negative regulator of circadian gene expression. Cell Cycle, 2012, 11, 3304-3311.	1.3	58
105	Bindarit. Cell Cycle, 2012, 11, 159-169.	1.3	89
106	Connecting Threads: Epigenetics and Metabolism. Cell, 2012, 148, 24-28.	13.5	282
107	Plasticity of the Circadian System: Linking Metabolism to Epigenetic Control. Research and Perspectives in Neurosciences, 2012, , 23-30.	0.4	2
108	Coordination of the transcriptome and metabolome by the circadian clock. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5541-5546.	3.3	353

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109	CircadiOmics: integrating circadian genomics, transcriptomics, proteomics and metabolomics. Nature Methods, 2012, 9, 772-773.	9.0	2,006
110	The circadian clock transcriptional complex: metabolic feedback intersects with epigenetic control. Annals of the New York Academy of Sciences, 2012, 1264, 103-109.	1.8	52
111	Novel Insights into the Downstream Pathways and Targets Controlled by Transcription Factors CREM in the Testis. PLoS ONE, 2012, 7, e31798.	1.1	42
112	Circadian Proteins CLOCK and BMAL1 in the Chromatoid Body, a RNA Processing Granule of Male Germ Cells. PLoS ONE, 2012, 7, e42695.	1.1	31
113	The clock within. Nature, 2011, 480, 185-187.	13.7	8
114	Ketamine Influences CLOCK:BMAL1 Function Leading to Altered Circadian Gene Expression. PLoS ONE, 2011, 6, e23982.	1.1	59
115	Proinflammatory Stimuli Control<i>N</i>-Acylphosphatidylethanolamine-Specific Phospholipase D Expression in Macrophages. Molecular Pharmacology, 2011, 79, 786-792.	1.0	80
116	RNA Granules in Germ Cells. Cold Spring Harbor Perspectives in Biology, 2011, 3, a002774-a002774.	2.3	302
117	Regulation of an RNA granule during spermatogenesis: acetylation of MVH in the chromatoid body of germ cells. Journal of Cell Science, 2011, 124, 4346-4355.	1.2	49
118	Altered behavioral and metabolic circadian rhythms in mice with disrupted NAD+ oscillation. Aging, 2011, 3, 794-802.	1.4	65
119	Joining the dots: from chromatin remodeling to neuronal plasticity. Current Opinion in Neurobiology, 2010, 20, 432-440.	2.0	48
120	The histone methyltransferase MLL1 permits the oscillation of circadian gene expression. Nature Structural and Molecular Biology, 2010, 17, 1414-1421.	3.6	252
121	Plasticity and specificity of the circadian epigenome. Nature Neuroscience, 2010, 13, 1324-1329.	7.1	118
122	Regulation of BMAL1 Protein Stability and Circadian Function by GSK3Î²-Mediated Phosphorylation. PLoS ONE, 2010, 5, e8561.	1.1	240
123	Genome-Wide Profiling of the Core Clock Protein BMAL1 Targets Reveals a Strict Relationship with Metabolism. Molecular and Cellular Biology, 2010, 30, 5636-5648.	1.1	134
124	Protein phosphatase PHLPP1 controls the light-induced resetting of the circadian clock. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1642-1647.	3.3	58
125	Commentary: The Year in Circadian Rhythms. Molecular Endocrinology, 2010, 24, 2081-2087.	3.7	7
126	Blood Pressure AsSAuLTed by the Circadian Clock. Cell Metabolism, 2010, 11, 97-99.	7.2	1

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127	PER2 Controls Lipid Metabolism by Direct Regulation of PPARÎ³. Cell Metabolism, 2010, 12, 509-520.	7.2	400
128	Mammalian circadian clock and metabolism â€“ the epigenetic link. Journal of Cell Science, 2010, 123, 3837-3848.	1.2	212
129	Impact papers on aging in 2009. Aging, 2010, 2, 111-121.	1.4	35
130	Aging brains and waning clocks on the process of habituation. Aging, 2010, 2, 320-321.	1.4	2
131	EPIGENETICS AND METABOLISM: THE CIRCADIAN CLOCK CONNECTION. FASEB Journal, 2010, 24, 413.2.	0.2	0
132	The Histone Deacetylase SIRT1 Controls Male Fertility in Mice Through Regulation of Hypothalamic-Pituitary Gonadotropin Signaling1. Biology of Reproduction, 2009, 80, 384-391.	1.2	86
133	Circadian Biology: An Unexpected Invitee to New Time Zones. Current Biology, 2009, 19, R298-R300.	1.8	2
134	DAXâ€1 and SOX6 molecular interplay results in an antagonistic effect in preâ€mRNA splicing. Developmental Dynamics, 2009, 238, 1595-1604.	0.8	22
135	Functional interplay between Parp-1 and SirT1 in genome integrity and chromatin-based processes. Cellular and Molecular Life Sciences, 2009, 66, 3219-3234.	2.4	53
136	Metabolism and cancer: the circadian clock connection. Nature Reviews Cancer, 2009, 9, 886-896.	12.8	461
137	CK2Î± phosphorylates BMAL1 to regulate the mammalian clock. Nature Structural and Molecular Biology, 2009, 16, 446-448.	3.6	116
138	Metabolism control by the circadian clock and vice versa. Nature Structural and Molecular Biology, 2009, 16, 462-467.	3.6	127
139	Chromatin remodeling, metabolism and circadian clocks: The interplay of CLOCK and SIRT1. International Journal of Biochemistry and Cell Biology, 2009, 41, 81-86.	1.2	104
140	Circadian Control of the NAD ⁺ Salvage Pathway by CLOCK-SIRT1. Science, 2009, 324, 654-657.	6.0	1,046
141	Common light signaling pathways controlling DNA repair and circadian clock entrainment in zebrafish. Cell Cycle, 2009, 8, 2794-2801.	1.3	50
142	Impaired function of primitive hematopoietic cells in mice lacking the Mixed-Lineage-Leukemia homolog Mll5. Blood, 2009, 113, 1444-1454.	0.6	84
143	Decoding the Epigenetic Language of Neuronal Plasticity. Neuron, 2008, 60, 961-974.	3.8	468
144	Nuclear regulator Pygo2 controls spermiogenesis and histone H3 acetylation. Developmental Biology, 2008, 320, 446-455.	0.9	72

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145	CREM modulates the circadian expression of CYP51, HMGCR and cholesterogenesis in the liver. Biochemical and Biophysical Research Communications, 2008, 376, 206-210.	1.0	35
146	The NAD+-Dependent Deacetylase SIRT1 Modulates CLOCK-Mediated Chromatin Remodeling and Circadian Control. Cell, 2008, 134, 329-340.	13.5	1,243
147	TIPT, a male germ cell-specific partner of TRF2, is chromatin-associated and interacts with HP1. Cell Cycle, 2008, 7, 1415-1422.	1.3	7
148	Stem cells of the germline: The specialized facets of their differentiation program. Cell Cycle, 2008, 7, 3491-3492.	1.3	6
149	The chromatoid body of male germ cells: Epigenetic control and miRNA pathway. Cell Cycle, 2008, 7, 3503-3508.	1.3	29
150	Circadian rhythmic kinase CK2Î± phosphorylates BMAL1 to regulate the mammalian clock. Nature Precedings, 2008, , .	0.1	1
151	Light-Inducible and Clock-Controlled Expression of MAP Kinase Phosphatase 1 in Mouse Central Pacemaker Neurons. Journal of Biological Rhythms, 2007, 22, 127-139.	1.4	43
152	Circadian control by the reduction/oxidation pathway: Catalase represses light-dependent clock gene expression in the zebrafish. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15747-15752.	3.3	116
153	Differential Functions of the Aurora-B and Aurora-C Kinases in Mammalian Spermatogenesis. Molecular Endocrinology, 2007, 21, 726-739.	3.7	150
154	Circadian Clock and Breast Cancer: A Molecular Link. Cell Cycle, 2007, 6, 1329-1331.	1.3	90
155	Riding Tandem: Circadian Clocks and the Cell Cycle. Cell, 2007, 129, 461-464.	13.5	188
156	Metabolic clockwork. Nature, 2007, 447, 386-387.	13.7	31
157	The chromatoid body: a germ-cell-specific RNA-processing centre. Nature Reviews Molecular Cell Biology, 2007, 8, 85-90.	16.1	265
158	CLOCK-mediated acetylation of BMAL1 controls circadian function. Nature, 2007, 450, 1086-1090.	13.7	453
159	Signaling to the circadian clock: plasticity by chromatin remodeling. Current Opinion in Cell Biology, 2007, 19, 230-237.	2.6	83
160	Regulation of gene expression in post-meiotic male germ cells: CREM-signalling pathways and male fertility. Human Fertility, 2006, 9, 73-79.	0.7	66
161	Circadian Regulator CLOCK Is a Histone Acetyltransferase. Cell, 2006, 125, 497-508.	13.5	763
162	Changes in intranuclear chromatin architecture induce bipolar nuclear localization of histone variant H1T2 in male haploid spermatids. Developmental Biology, 2006, 296, 231-238.	0.9	28

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163	Discovering Light Effects on the Brain. American Journal of Psychiatry, 2006, 163, 771-771.	4.0	2
164	Impaired light masking in dopamine D2 receptorâ€“null mice. Nature Neuroscience, 2006, 9, 732-734.	7.1	70
165	Interplay of PIWI/Argonaute protein MIWI and kinesin KIF17b in chromatoid bodies of male germ cells. Journal of Cell Science, 2006, 119, 2819-2825.	1.2	120
166	Control of AIF-mediated Cell Death by the Functional Interplay of SIRT1 and PARP-1 in Response to DNA Damage. Cell Cycle, 2006, 5, 873-877.	1.3	189
167	Signaling mediated by the dopamine D2 receptor potentiates circadian regulation by CLOCK:BMAL1. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6386-6391.	3.3	173
168	The chromatoid body of male germ cells: Similarity with processing bodies and presence of Dicer and microRNA pathway components. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2647-2652.	3.3	326
169	Transcription Factors, cAMP-responsive Element Modulator (CREM) and Tisp40, Act in Concert in Postmeiotic Transcriptional Regulation*. Journal of Biological Chemistry, 2006, 281, 15073-15081.	1.6	24
170	Poly(ADP-ribose) polymerase-2 contributes to the fidelity of male meiosis I and spermiogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 14854-14859.	3.3	112
171	Chromatin remodelling and epigenetic features of germ cells. Nature, 2005, 434, 583-589.	13.7	403
172	Estrogen Mediates Phosphorylation of Histone H3 in Ovarian Follicle and Mammary Epithelial Tumor Cells via the Mitotic Kinase, Aurora B. Molecular Endocrinology, 2005, 19, 2991-3000.	3.7	34
173	Inhibition of Aurora-B kinase activity by poly(ADP-ribosyl)ation in response to DNA damage. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 14244-14248.	3.3	82
174	Transplantation of Mouse Embryo Fibroblasts: An Approach to Study the Physiological Pathways Linking the Suprachiasmatic Nucleus and Peripheral Clocks. Methods in Enzymology, 2005, 393, 469-478.	0.4	5
175	The Nuclear Import of TAF10 Is Regulated by One of Its Three Histone Fold Domain-Containing Interaction Partners. Molecular and Cellular Biology, 2005, 25, 4092-4104.	1.1	46
176	Mouse Period1 (mPER1) Acts as a Circadian Adaptor to Entrain the Oscillator to Environmental Light/Dark Cycles by Regulating mPER2 Protein. Journal of Neuroscience, 2005, 25, 4719-4724.	1.7	35
177	Common pathways in circadian and cell cycle clocks: Light-dependent activation of Fos/AP-1 in zebrafish controls CRY-1a and WEE-1. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 10194-10199.	3.3	99
178	Microtubule-independent and Protein Kinase A-mediated Function of Kinesin KIF17b Controls the Intracellular Transport of Activator of CREM in Testis (ACT). Journal of Biological Chemistry, 2005, 280, 31739-31745.	1.6	41
179	Circadian Clock Control by SUMOylation of BMAL1. Science, 2005, 309, 1390-1394.	6.0	272
180	Clinical and molecular evidence for DAX-1 inhibition of steroidogenic factor-1-dependent ACTH receptor gene expression. European Journal of Endocrinology, 2005, 152, 769-776.	1.9	11

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181	Role of Glucocorticoids and cAMP-Mediated Repression in Limiting Corticotropin-Releasing Hormone Transcription during Stress. Journal of Neuroscience, 2005, 25, 4073-4081.	1.7	69
182	Polar nuclear localization of H1T2, a histone H1 variant, required for spermatid elongation and DNA condensation during spermiogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2808-2813.	3.3	180
183	Crystal Structure and Interactions of the PAS Repeat Region of the Drosophila Clock Protein PERIOD. Molecular Cell, 2005, 17, 69-82.	4.5	86
184	Photoinducible and rhythmic ICERâ€“CREM immunoreactivity in the rat suprachiasmatic nucleus. Neuroscience Letters, 2005, 385, 87-91.	1.0	8
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