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	CircadiOmics: integrating circadian genomics, transcriptomics, proteomics and metabolomics. Nature Methods, 2012, 9, 772-773.	9.0	2,006
2	The NAD+-Dependent Deacetylase SIRT1 Modulates CLOCK-Mediated Chromatin Remodeling and Circadian Control. Cell, 2008, 134, 329-340.	13.5	1,243
3	Circadian Control of the NAD ⁺ Salvage Pathway by CLOCK-SIRT1. Science, 2009, 324, 654-657.	6.0	1,046
4	Signaling to Chromatin through Histone Modifications. Cell, 2000, 103, 263-271.	13.5	916
5	An unusual member of the nuclear hormone receptor superfamily responsible for X-linked adrenal hypoplasia congenita. Nature, 1994, 372, 635-641.	13.7	796
6	Circadian Regulator CLOCK Is a Histone Acetyltransferase. Cell, 2006, 125, 497-508.	13.5	763
7	ATF4 Is a Substrate of RSK2 and an Essential Regulator of Osteoblast Biology. Cell, 2004, 117, 387-398.	13.5	749
8	Synergistic Coupling of Histone H3 Phosphorylation and Acetylation in Response to Epidermal Growth Factor Stimulation. Molecular Cell, 2000, 5, 905-915.	4.5	718
9	Induction of proto-oncogene JUN/AP-1 by serum and TPA. Nature, 1988, 334, 629-631.	13.7	686
10	CREM gene: Use of alternative DNA-binding domains generates multiple antagonists of cAMP-induced transcription. Cell, 1991, 64, 739-749.	13.5	680
11	A Web of Circadian Pacemakers. Cell, 2002, 111, 919-922.	13.5	669
12	Transcriptional autoregulation of the proto-oncogene fos. Nature, 1988, 334, 314-319.	13.7	632
13	Time for Food: The Intimate Interplay between Nutrition, Metabolism, and the Circadian Clock. Cell, 2015, 161, 84-92.	13.5	608
14	Reprogramming of the Circadian Clock by Nutritional Challenge. Cell, 2013, 155, 1464-1478.	13.5	579
15	Mitotic Phosphorylation of Histone H3: Spatio-Temporal Regulation by Mammalian Aurora Kinases. Molecular and Cellular Biology, 2002, 22, 874-885.	1.1	577
16	Inducibility and negative autoregulation of CREM: An alternative promoter directs the expression of ICER, an early response repressor. Cell, 1993, 75, 875-886.	13.5	576
17	Spermiogenesis deficiency and germ-cell apoptosis in CREM-mutant mice. Nature, 1996, 380, 159-162.	13.7	567
18	fos-associated cellular p39 is related to nuclear transcription factor AP-1. Cell, 1988, 54, 553-560.	13.5	528

#	ARTICLE	IF	CITATIONS
19	Bimodal regulation of mPeriod promoters by CREB-dependent signaling and CLOCK/BMAL1 activity. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 7728-7733.	3.3	490
20	Developmental switch of CREM function during spermatogenesis: from antagonist to activator. Nature, 1992, 355, 80-84.	13.7	489
21	Decoding the Epigenetic Language of Neuronal Plasticity. Neuron, 2008, 60, 961-974.	3.8	468
22	Activation of the ovalbumin gene by the estrogen receptor involves the Fos-Jun complex. Cell, 1990, 63, 1267-1276.	13.5	466
23	Metabolism and cancer: the circadian clock connection. Nature Reviews Cancer, 2009, 9, 886-896.	12.8	461
24	Direct interaction between fos and jun nuclear oncoproteins: role of the 'leucine zipper' domain. Nature, 1988, 336, 692-695.	13.7	455
25	CLOCK-mediated acetylation of BMAL1 controls circadian function. Nature, 2007, 450, 1086-1090.	13.7	453
26	Circadian Clock Proteins and Immunity. Immunity, 2014, 40, 178-186.	6.6	451
27	Metabolism and the Circadian Clock Converge. Physiological Reviews, 2013, 93, 107-135.	13.1	429
28	Unique Chromatin Remodeling and Transcriptional Regulation in Spermatogenesis. Science, 2002, 296, 2176-2178.	6.0	426
29	Light acts directly on organs and cells in culture to set the vertebrate circadian clock. Nature, 2000, 404, 87-91.	13.7	414
30	Chromatin remodelling and epigenetic features of germ cells. Nature, 2005, 434, 583-589.	13.7	403
31	DNA binding and transcriptional repression by DAX-1 blocks steroidogenesis. Nature, 1997, 390, 311-315.	13.7	401
32	PER2 Controls Lipid Metabolism by Direct Regulation of PPARÎ³. Cell Metabolism, 2010, 12, 509-520.	7.2	400
33	Adrenergic signals direct rhythmic expression of transcriptional represser CREM in the pineal gland. Nature, 1993, 365, 314-320.	13.7	397
34	Dimers, leucine zippers and DNA-binding domains. Trends in Genetics, 1990, 6, 36-40.	2.9	394
35	Mutations in the kinase Rsk-2 associated with Coffin-Lowry syndrome. Nature, 1996, 384, 567-570.	13.7	391
36	Transcription Factors Responsive to cAMP. Annual Review of Cell and Developmental Biology, 1995, 11, 355-377.	4.0	366

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37	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
38	The Cyclic AMP Pathway. Cold Spring Harbor Perspectives in Biology, 2012, 4, a011148-a011148.	2.3	348
39	Heteroplasmy of Mouse mtDNA Is Genetically Unstable and Results in Altered Behavior and Cognition. Cell, 2012, 151, 333-343.	13.5	333
40	Zebrafish Clock rhythmic expression reveals independent peripheral circadian oscillators. Nature Neuroscience, 1998, 1, 701-707.	7.1	326
41	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
42	Muscle insulin sensitivity and glucose metabolism are controlled by the intrinsic muscle clock. Molecular Metabolism, 2014, 3, 29-41.	3.0	324
43	RNA Granules in Germ Cells. Cold Spring Harbor Perspectives in Biology, 2011, 3, a002774-a002774.	2.3	302
44	Proto-oncogene fos: Complex but versatile regulation. Cell, 1987, 51, 513-514.	13.5	298
45	More is better: Activators and repressors from the same gene. Cell, 1992, 68, 411-414.	13.5	288
46	Connecting Threads: Epigenetics and Metabolism. Cell, 2012, 148, 24-28.	13.5	282
47	Signaling routes to CREM and CREB: plasticity in transcriptional activation. Trends in Biochemical Sciences, 1999, 24, 281-285.	3.7	281
48	Circadian Reprogramming in the Liver Identifies Metabolic Pathways of Aging. Cell, 2017, 170, 664-677.e11.	13.5	277
49	Circadian Clock Control by SUMOylation of BMAL1. Science, 2005, 309, 1390-1394.	6.0	272
50	The chromatoid body: a germ-cell-specific RNA-processing centre. Nature Reviews Molecular Cell Biology, 2007, 8, 85-90.	16.1	265
51	Partitioning Circadian Transcription by SIRT6 Leads to Segregated Control of Cellular Metabolism. Cell, 2014, 158, 659-672.	13.5	259
52	Atlas of Circadian Metabolism Reveals System-wide Coordination and Communication between Clocks. Cell, 2018, 174, 1571-1585.e11.	13.5	258
53	Pituitary hormone FSH directs the CREM functional switch during spermatogenesis. Nature, 1993, 362, 264-267.	13.7	257
54	The emerging link between cancer, metabolism, and circadian rhythms. Nature Medicine, 2018, 24, 1795-1803.	15.2	256

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55	The histone methyltransferase MLL1 permits the oscillation of circadian gene expression. Nature Structural and Molecular Biology, 2010, 17, 1414-1421.	3.6	252
56	Light induces chromatin modification in cells of the mammalian circadian clock. Nature Neuroscience, 2000, 3, 1241-1247.	7.1	246
57	Regulation of BMAL1 Protein Stability and Circadian Function by GSK3Î²-Mediated Phosphorylation. PLoS ONE, 2010, 5, e8561.	1.1	240
58	Guidelines for Genome-Scale Analysis of Biological Rhythms. Journal of Biological Rhythms, 2017, 32, 380-393.	1.4	237
59	Chromatin remodeling and neuronal response: multiple signaling pathways induce specific histone H3 modifications and early gene expression in hippocampal neurons. Journal of Cell Science, 2003, 116, 4905-4914.	1.2	232
60	A trans-acting factor is responsible for the simian virus 40 enhancer activity in vitro. Nature, 1985, 313, 458-463.	13.7	231
61	IP-1: A dominant inhibitor of Fos/Jun whose activity is modulated by phosphorylation. Cell, 1991, 64, 983-993.	13.5	226
62	Coupling gene expression to cAMP signalling: role of CREB and CREM. International Journal of Biochemistry and Cell Biology, 1998, 30, 27-38.	1.2	226
63	Positive regulation of the cAMP-responsive activator CREM by the p70 S6 kinase: An alternative route to mitogen-induced gene expression. Cell, 1994, 79, 81-91.	13.5	224
64	CBP-independent activation of CREM and CREB by the LIM-only protein ACT. Nature, 1999, 398, 165-169.	13.7	216
65	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
66	Defining the Independence of the Liver Circadian Clock. Cell, 2019, 177, 1448-1462.e14.	13.5	213
67	Mammalian circadian clock and metabolism â€“ the epigenetic link. Journal of Cell Science, 2010, 123, 3837-3848.	1.2	212
68	Regulation of Steroidogenesis and the Steroidogenic Acute Regulatory Protein by a Member of the cAMP Response-Element Binding Protein Family. Molecular Endocrinology, 2002, 16, 184-199.	3.7	200
69	Lung Adenocarcinoma Distally Rewires Hepatic Circadian Homeostasis. Cell, 2016, 165, 896-909.	13.5	195
70	Multilevel regulation of the circadian clock. Nature Reviews Molecular Cell Biology, 2000, 1, 59-67.	16.1	192
71	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
72	Aged Stem Cells Reprogram Their Daily Rhythmic Functions to Adapt to Stress. Cell, 2017, 170, 678-692.e20.	13.5	189

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73	Riding Tandem: Circadian Clocks and the Cell Cycle. Cell, 2007, 129, 461-464.	13.5	188
74	A Family of LIM-Only Transcriptional Coactivators: Tissue-Specific Expression and Selective Activation of CREB and CREM. Molecular and Cellular Biology, 2000, 20, 8613-8622.	1.1	186
75	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
76	Regulation of metabolism: the circadian clock dictates the time. Trends in Endocrinology and Metabolism, 2012, 23, 1-8.	3.1	178
77	Late Arrest of Spermiogenesis and Germ Cell Apoptosis in Mice Lacking the TBP-like TLF/TRF2 Gene. Molecular Cell, 2001, 7, 509-515.	4.5	176
78	Time of Exercise Specifies the Impact on Muscle Metabolic Pathways and Systemic Energy Homeostasis. Cell Metabolism, 2019, 30, 92-110.e4.	7.2	176
79	Preparation, isolation and characterization of stage-specific spermatogenic cells for cellular and molecular analysis. Nature Methods, 2004, 1, 249-254.	9.0	175
80	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
81	Transcriptional CheckpointsDetermining the Fate of Male Germ Cells. Cell, 1997, 88, 163-166.	13.5	169
82	A Transcriptional Silencing Domain in DAX-1 Whose Mutation Causes Adrenal Hypoplasia Congenita. Molecular Endocrinology, 1997, 11, 1950-1960.	3.7	166
83	Coupling cAMP Signaling to Transcription in the Liver: Pivotal Role of CREB and CREM. Experimental Cell Research, 2002, 275, 143-154.	1.2	162
84	Distinct Circadian Signatures in Liver and Gut Clocks Revealed by Ketogenic Diet. Cell Metabolism, 2017, 26, 523-538.e5.	7.2	162
85	Transcriptional regulation by trans-acting factors. Trends in Genetics, 1986, 2, 215-219.	2.9	160
86	Phenotypic Rescue of a Peripheral Clock Genetic Defect via SCN Hierarchical Dominance. Cell, 2002, 110, 107-117.	13.5	158
87	No Circadian Rhythms in Testis: Period1 Expression Is Clock Independent and Developmentally Regulated in the Mouse. Molecular Endocrinology, 2003, 17, 141-151.	3.7	150
88	Differential Functions of the Aurora-B and Aurora-C Kinases in Mammalian Spermatogenesis. Molecular Endocrinology, 2007, 21, 726-739.	3.7	150
89	DAX-1, an Unusual Orphan Receptor at the Crossroads of Steroidogenic Function and Sexual Differentiation. Molecular Endocrinology, 2003, 17, 1445-1453.	3.7	149
90	A missense mutation in RPS6KA3 (RSK2) responsible for non-specific mental retardation. Nature Genetics, 1999, 22, 13-14.	9.4	142

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91	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
92	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
93	Communicating clocks shape circadian homeostasis. Science, 2021, 371, .	6.0	133
94	The circadian clock: a framework linking metabolism, epigenetics and neuronal function. Nature Reviews Neuroscience, 2013, 14, 69-75.	4.9	129
95	Metabolism control by the circadian clock and vice versa. Nature Structural and Molecular Biology, 2009, 16, 462-467.	3.6	127
96	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
97	Light Induction of a Vertebrate Clock Gene Involves Signaling through Blue-Light Receptors and MAP Kinases. Current Biology, 2002, 12, 844-848.	1.8	121
98	Mitogen-Regulated RSK2-CBP Interaction Controls Their Kinase and Acetylase Activities. Molecular and Cellular Biology, 2001, 21, 7089-7096.	1.1	120
99	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
100	Modulation of c-"os gene transcription by negative and positive cellular factors. Nature, 1987, 326, 507-510.	13.7	119
101	Plasticity and specificity of the circadian epigenome. Nature Neuroscience, 2010, 13, 1324-1329.	7.1	118
102	SIRT1-mediated deacetylation of MeCP2 contributes to BDNF expression. Epigenetics, 2012, 7, 695-700.	1.3	118
103	Epigenetic regulation of the circadian gene Per1 contributes to age-related changes in hippocampal memory. Nature Communications, 2018, 9, 3323.	5.8	118
104	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
105	CK2Î± phosphorylates BMAL1 to regulate the mammalian clock. Nature Structural and Molecular Biology, 2009, 16, 446-448.	3.6	116
106	The LIM-only protein FHL2 is a serum-inducible transcriptional coactivator of AP-1. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 3977-3982.	3.3	115
107	The intracellular localisation of TAF7L, a paralogue of transcription factor TFIID subunit TAF7, is developmentally regulated during male germ-cell differentiation. Journal of Cell Science, 2003, 116, 1847-1858.	1.2	112
108	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

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109	Molecular Cogs: Interplay between Circadian Clock and Cell Cycle. Trends in Cell Biology, 2018, 28, 368-379.	3.6	112
110	CREM-Dependent Transcription in Male Germ Cells Controlled by a Kinesin. Science, 2002, 298, 2388-2390.	6.0	111
111	Cycles in spatial and temporal chromosomal organization driven by the circadian clock. Nature Structural and Molecular Biology, 2013, 20, 1206-1213.	3.6	110
112	Metabolic Signaling to Chromatin. Cold Spring Harbor Perspectives in Biology, 2016, 8, a019463.	2.3	110
113	Orphan Receptor DAX-1 Is a Shuttling RNA Binding Protein Associated with Polyribosomes via mRNA. Molecular and Cellular Biology, 2000, 20, 4910-4921.	1.1	109
114	BMAL1-Driven Tissue Clocks Respond Independently to Light to Maintain Homeostasis. Cell, 2019, 177, 1436-1447.e12.	13.5	107
115	A direct role of SRY and SOX proteins in pre-mRNA splicing. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1146-1151.	3.3	106
116	Fasting Imparts a Switch to Alternative Daily Pathways in Liver and Muscle. Cell Reports, 2018, 25, 3299-3314.e6.	2.9	106
117	Transcriptional analysis of the adenovirus-5 EIII promoter: absence of sequence specificity for stimulation by Ela gene products. Nucleic Acids Research, 1985, 13, 1209-1221.	6.5	105
118	Circadian clocks, epigenetics, and cancer. Current Opinion in Oncology, 2015, 27, 50-56.	1.1	105
119	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
120	Cyclic AMP signalling and cellular proliferation: regulation of CREB and CREM. FEBS Letters, 1997, 410, 22-24.	1.3	101
121	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
122	The circadian clock and cell cycle: interconnected biological circuits. Current Opinion in Cell Biology, 2013, 25, 730-734.	2.6	99
123	NAD+-SIRT1 control of H3K4 trimethylation through circadian deacetylation of MLL1. Nature Structural and Molecular Biology, 2015, 22, 312-318.	3.6	97
124	The Circadian Clock in the Ventromedial Hypothalamus Controls Cyclic Energy Expenditure. Cell Metabolism, 2016, 23, 467-478.	7.2	96
125	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
126	Structural and functional features of transcription factors controlling the circadian clock. Current Opinion in Genetics and Development, 2005, 15, 548-556.	1.5	93

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127	Time after time: inputs to and outputs from the mammalian circadian oscillators. Trends in Neurosciences, 2002, 25, 632-637.	4.2	90
128	Circadian Clock and Breast Cancer: A Molecular Link. Cell Cycle, 2007, 6, 1329-1331.	1.3	90
129	Repression of c-fos promoter by MyoD on muscle cell differentiation. Nature, 1993, 363, 79-82.	13.7	89
130	Transcriptional response to cAMP in brain: Specific distribution and induction of CREM antagonists. Neuron, 1993, 10, 655-665.	3.8	89
131	Adaptive inducibility of CREM as transcriptional memory of circadian rhythms. Nature, 1996, 381, 83-85.	13.7	89
132	Bindarit. Cell Cycle, 2012, 11, 159-169.	1.3	89
133	Identification of a Functional Cyclic Adenosine 3â€²,5â€²-Monophosphate Response Element in the 5â€²-Flanking Region of the Gene for Transition Protein 1 (TP1), a Basic Chromosomal Protein of Mammalian Spermatids1. Biology of Reproduction, 1994, 51, 1322-1329.	1.2	86
134	Mutation Analysis of the RSK2 Gene in Coffin-Lowry Patients: Extensive Allelic Heterogeneity and a High Rate of De Novo Mutations. American Journal of Human Genetics, 1998, 63, 1631-1640.	2.6	86
135	Crystal Structure and Interactions of the PAS Repeat Region of the Drosophila Clock Protein PERIOD. Molecular Cell, 2005, 17, 69-82.	4.5	86
136	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
137	Atlas of exercise metabolism reveals time-dependent signatures of metabolic homeostasis. Cell Metabolism, 2022, 34, 329-345.e8.	7.2	86
138	Impaired function of primitive hematopoietic cells in mice lacking the Mixed-Lineage-Leukemia homolog Mll5. Blood, 2009, 113, 1444-1454.	0.6	84
139	ROS Stress Resets Circadian Clocks to Coordinate Pro-Survival Signals. PLoS ONE, 2013, 8, e82006.	1.1	84
140	Signaling to the circadian clock: plasticity by chromatin remodeling. Current Opinion in Cell Biology, 2007, 19, 230-237.	2.6	83
141	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
142	A Circadian Genomic Signature Common to Ketamine and Sleep Deprivation in the Anterior Cingulate Cortex. Biological Psychiatry, 2017, 82, 351-360.	0.7	82
143	Proinflammatory Stimuli Control<i>N</i>-Acylphosphatidylethanolamine-Specific Phospholipase D Expression in Macrophages. Molecular Pharmacology, 2011, 79, 786-792.	1.0	80
144	SirT1 is required in the male germ cell for differentiation and fecundity in mice. Development (Cambridge), 2014, 141, 3495-3504.	1.2	79

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145	Rhythmic transcription and autoregulatory loops: Winding up the biological clock. Cell, 1994, 78, 361-364.	13.5	78
146	Sirtuins and the circadian clock: Bridging chromatin and metabolism. Science Signaling, 2014, 7, re6.	1.6	78
147	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
148	Abnormal sperm in mice with targeted deletion of the act (activator of cAMP-responsive element) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 America, 2004, 101, 10620-10625.	3.3	76
149	Environmental stimulus perception and control of circadian clocks. Current Opinion in Neurobiology, 2002, 12, 359-365.	2.0	75
150	When Metabolism and Epigenetics Converge. Science, 2013, 339, 148-150.	6.0	75
151	Coupled and uncoupled induction of fos and jun transcription by different second messengers in cells of hematopoietic origin. Nucleic Acids Research, 1990, 18, 221-228.	6.5	74
152	The Epigenetic Language of Circadian Clocks. Handbook of Experimental Pharmacology, 2013, , 29-44.	0.9	73
153	Epigenetic control and the circadian clock: Linking metabolism to neuronal responses. Neuroscience, 2014, 264, 76-87.	1.1	73
154	Nuclear regulator Pygo2 controls spermiogenesis and histone H3 acetylation. Developmental Biology, 2008, 320, 446-455.	0.9	72
155	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
156	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
157	Impaired light masking in dopamine D2 receptorâ€"null mice. Nature Neuroscience, 2006, 9, 732-734.	7.1	70
158	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
159	Circadian blueprint of metabolic pathways in the brain. Nature Reviews Neuroscience, 2019, 20, 71-82.	4.9	70
160	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
161	Time-restricted feeding alters lipid and amino acid metabolite rhythmicity without perturbing clock gene expression. Nature Communications, 2020, 11, 4643.	5.8	69
162	The circadian epigenome: how metabolism talks to chromatin remodeling. Current Opinion in Cell Biology, 2013, 25, 170-176.	2.6	68

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163	Circadian clock: linking epigenetics to aging. Current Opinion in Genetics and Development, 2014, 26, 66-72.	1.5	68
164	What time is it? Deep learning approaches for circadian rhythms. Bioinformatics, 2016, 32, i8-i17.	1.8	68
165	Mammalian Bufadienolide Is Synthesized From Cholesterol in the Adrenal Cortex by a Pathway That Is Independent of Cholesterol Side-Chain Cleavage. Hypertension, 2000, 36, 442-448.	1.3	67
166	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
167	Unraveling the mechanisms of the vertebrate circadian clock: zebrafish may light the way. BioEssays, 2002, 24, 419-426.	1.2	65
168	Temporal Association of Protamine 1 with the Inner Nuclear Membrane Protein Lamin B Receptor during Spermiogenesis. Journal of Biological Chemistry, 2004, 279, 11626-11631.	1.6	65
169	Metabolic rivalry: circadian homeostasis and tumorigenesis. Nature Reviews Cancer, 2020, 20, 645-661.	12.8	65
170	Altered behavioral and metabolic circadian rhythms in mice with disrupted NAD+ oscillation. Aging, 2011, 3, 794-802.	1.4	65
171	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
172	Minireview: NAD+, a Circadian Metabolite with an Epigenetic Twist. Endocrinology, 2012, 153, 1-5.	1.4	64
173	Rhythmic transcription: The molecular basis of circadian melatonin synthesis. Biology of the Cell, 1997, 89, 487-494.	0.7	62
174	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
175	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
176	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
177	Ketamine Influences CLOCK:BMAL1 Function Leading to Altered Circadian Gene Expression. PLoS ONE, 2011, 6, e23982.	1.1	59
178	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
179	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
180	The RelB subunit of NFÎºB acts as a negative regulator of circadian gene expression. Cell Cycle, 2012, 11, 3304-3311.	1.3	58

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181	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
182	Cyclic AMP signalling pathway and cellular proliferation: induction of CREM during liver regeneration. Oncogene, 1997, 14, 1601-1606.	2.6	57
183	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
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