

Henrik Oster

List of Publications by Year in descending order

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Version: 2024-02-01

165
papers

8,178
citations

41344

49
h-index

58581

82
g-index

181
all docs

181
docs citations

181
times ranked

9234
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The circadian rhythm of glucocorticoids is regulated by a gating mechanism residing in the adrenal cortical clock. <i>Cell Metabolism</i> , 2006, 4, 163-173. | 16.2 | 441 |
| 2 | The Functional and Clinical Significance of the 24-Hour Rhythm of Circulating Glucocorticoids. <i>Endocrine Reviews</i> , 2017, 38, 3-45. | 20.1 | 353 |
| 3 | Lymphocyte Circadian Clocks Control Lymph Node Trafficking and Adaptive Immune Responses. <i>Immunity</i> , 2017, 46, 120-132. | 14.3 | 324 |
| 4 | Adrenal glucocorticoids have a key role in circadian resynchronization in a mouse model of jet lag. <i>Journal of Clinical Investigation</i> , 2010, 120, 2600-2609. | 8.2 | 238 |
| 5 | The acute light-induction of sleep is mediated by OPN4-based photoreception. <i>Nature Neuroscience</i> , 2008, 11, 1068-1073. | 14.8 | 215 |
| 6 | Circadian Desynchrony Promotes Metabolic Disruption in a Mouse Model of Shiftwork. <i>PLoS ONE</i> , 2012, 7, e37150. | 2.5 | 213 |
| 7 | Circadian Regulation of Lipid Mobilization in White Adipose Tissues. <i>Diabetes</i> , 2013, 62, 2195-2203. | 0.6 | 204 |
| 8 | Transcriptional Profiling in the Adrenal Gland Reveals Circadian Regulation of Hormone Biosynthesis Genes and Nucleosome Assembly Genes. <i>Journal of Biological Rhythms</i> , 2006, 21, 350-361. | 2.6 | 194 |
| 9 | Loss of circadian clock gene expression is associated with tumor progression in breast cancer. <i>Cell Cycle</i> , 2014, 13, 3282-3291. | 2.6 | 193 |
| 10 | A guideline for analyzing circadian wheel-running behavior in rodents under different lighting conditions. <i>Biological Procedures Online</i> , 2005, 7, 101-116. | 2.9 | 179 |
| 11 | Abnormal Sympathoadrenal Development and Systemic Hypotension in <i>PHD3</i> ^{−/−} Mice. <i>Molecular and Cellular Biology</i> , 2008, 28, 3386-3400. | 2.3 | 176 |
| 12 | Interaction between circadian rhythms and stress. <i>Neurobiology of Stress</i> , 2017, 6, 57-67. | 4.0 | 165 |
| 13 | Circadian Clocks in Mouse and Human CD4 ⁺ T Cells. <i>PLoS ONE</i> , 2011, 6, e29801. | 2.5 | 156 |
| 14 | How sleep and wakefulness influence circadian rhythmicity: effects of insufficient and mistimed sleep on the animal and human transcriptome. <i>Journal of Sleep Research</i> , 2015, 24, 476-493. | 3.2 | 154 |
| 15 | High-fat diet-induced hyperinsulinemia and tissue-specific insulin resistance in <i>Cry</i> -deficient mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 304, E1053-E1063. | 3.5 | 123 |
| 16 | The role of the circadian clock system in physiology. <i>Pflügers Archiv European Journal of Physiology</i> , 2018, 470, 227-239. | 2.8 | 117 |
| 17 | CircaCompare: a method to estimate and statistically support differences in mesor, amplitude and phase, between circadian rhythms. <i>Bioinformatics</i> , 2020, 36, 1208-1212. | 4.1 | 116 |
| 18 | Sleep, Immunity, and Circadian Clocks: A Mechanistic Model. <i>Gerontology</i> , 2010, 56, 574-580. | 2.8 | 113 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Synchronization of the mammalian circadian timing system: Light can control peripheral clocks independently of the SCN clock. <i>BioEssays</i> , 2015, 37, 1119-1128. | 2.5 | 112 |
| 20 | The light-dark cycle controls peripheral rhythmicity in mice with a genetically ablated suprachiasmatic nucleus clock. <i>FASEB Journal</i> , 2014, 28, 4950-4960. | 0.5 | 111 |
| 21 | Protein Kinase C δ but not PKC η Suppresses Intestinal Tumor Formation in <i>ApcMin/+</i> Mice. <i>Cancer Research</i> , 2006, 66, 6955-6963. | 0.9 | 109 |
| 22 | Disruption of <i>mCry2</i> restores circadian rhythmicity in <i>mPer2</i> mutant mice. <i>Genes and Development</i> , 2002, 16, 2633-2638. | 5.9 | 107 |
| 23 | Food as a circadian time cue – evidence from human studies. <i>Nature Reviews Endocrinology</i> , 2020, 16, 213-223. | 9.6 | 104 |
| 24 | Mechanisms of Communication in the Mammalian Circadian Timing System. <i>International Journal of Molecular Sciences</i> , 2019, 20, 343. | 4.1 | 101 |
| 25 | Disturbed Clockwork Resetting in <i>Sharp-1</i> and <i>Sharp-2</i> Single and Double Mutant Mice. <i>PLoS ONE</i> , 2008, 3, e2762. | 2.5 | 91 |
| 26 | Circadian Clocks, Stress, and Immunity. <i>Frontiers in Endocrinology</i> , 2016, 7, 37. | 3.5 | 91 |
| 27 | Interactions between endocrine and circadian systems. <i>Journal of Molecular Endocrinology</i> , 2014, 52, R1-R16. | 2.5 | 89 |
| 28 | Adrenal Clocks and the Role of Adrenal Hormones in the Regulation of Circadian Physiology. <i>Journal of Biological Rhythms</i> , 2015, 30, 20-34. | 2.6 | 88 |
| 29 | Disrupted Circadian Rhythms in a Mouse Model of Schizophrenia. <i>Current Biology</i> , 2012, 22, 314-319. | 3.9 | 86 |
| 30 | Oxyntomodulin regulates resetting of the liver circadian clock by food. <i>ELife</i> , 2015, 4, e06253. | 6.0 | 84 |
| 31 | cGMP-Dependent Protein Kinase II Modulates <i>mPer1</i> and <i>mPer2</i> Gene Induction and Influences Phase Shifts of the Circadian Clock. <i>Current Biology</i> , 2003, 13, 725-733. | 3.9 | 81 |
| 32 | Abnormal development of the locus coeruleus in <i>Ear2(Nr2f6)</i> -deficient mice impairs the functionality of the forebrain clock and affects nociception. <i>Genes and Development</i> , 2005, 19, 614-625. | 5.9 | 81 |
| 33 | Impaired Glucocorticoid Production and Response to Stress in <i>Arntl</i> -Deficient Male Mice. <i>Endocrinology</i> , 2014, 155, 133-142. | 2.8 | 78 |
| 34 | Loss of circadian rhythmicity in aging <i>mPer1^{-/-}mCry2^{-/-}</i> mutant mice. <i>Genes and Development</i> , 2003, 17, 1366-1379. | 5.9 | 76 |
| 35 | Thyroid-Hormone-Induced Browning of White Adipose Tissue Does Not Contribute to Thermogenesis and Glucose Consumption. <i>Cell Reports</i> , 2019, 27, 3385-3400.e3. | 6.4 | 76 |
| 36 | Circadian Clock Genes <i>Per1</i> and <i>Per2</i> Regulate the Response of Metabolism-Associated Transcripts to Sleep Disruption. <i>PLoS ONE</i> , 2012, 7, e52983. | 2.5 | 75 |

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|----|---|------|-----------|
| 37 | Light Entrainment of the Mammalian Circadian Clock by a PRKCA-Dependent Posttranslational Mechanism. <i>Neuron</i> , 2007, 54, 831-843. | 8.1 | 71 |
| 38 | The LepR-mediated leptin transport across brain barriers controls food reward. <i>Molecular Metabolism</i> , 2018, 8, 13-22. | 6.5 | 71 |
| 39 | Global But Not Gonadotrope-Specific Disruption of Bmal1 Abolishes the Luteinizing Hormone Surge Without Affecting Ovulation. <i>Endocrinology</i> , 2013, 154, 2924-2935. | 2.8 | 69 |
| 40 | Circadian clock network desynchrony promotes weight gain and alters glucose homeostasis in mice. <i>Molecular Metabolism</i> , 2019, 30, 140-151. | 6.5 | 67 |
| 41 | Interaction of central and peripheral clocks in physiological regulation. <i>Progress in Brain Research</i> , 2012, 199, 163-181. | 1.4 | 63 |
| 42 | The genetic basis of circadian behavior. <i>Genes, Brain and Behavior</i> , 2006, 5, 73-79. | 2.2 | 60 |
| 43 | Circadian rhythm disruption impairs tissue homeostasis and exacerbates chronic inflammation in the intestine. <i>FASEB Journal</i> , 2017, 31, 4707-4719. | 0.5 | 59 |
| 44 | A Time to Fast, a Time to Feast: The Crosstalk between Metabolism and the Circadian Clock. <i>Molecules and Cells</i> , 2009, 28, 75-80. | 2.6 | 58 |
| 45 | Synaptotagmin10-Cre, a Driver to Disrupt Clock Genes in the SCN. <i>Journal of Biological Rhythms</i> , 2011, 26, 379-389. | 2.6 | 58 |
| 46 | Endocrine regulation of circadian physiology. <i>Journal of Endocrinology</i> , 2016, 230, R1-R11. | 2.6 | 58 |
| 47 | Embryonic development and maternal regulation of murine circadian clock function. <i>Chronobiology International</i> , 2015, 32, 416-427. | 2.0 | 57 |
| 48 | Circadian regulation of adipose function. <i>Adipocyte</i> , 2013, 2, 201-206. | 2.8 | 54 |
| 49 | Regulation and function of extra-SCN circadian oscillators in the brain. <i>Acta Physiologica</i> , 2020, 229, e13446. | 3.8 | 52 |
| 50 | Microarray Analysis and Functional Genomics Identify Novel Components of Melanopsin Signaling. <i>Current Biology</i> , 2007, 17, 1363-1372. | 3.9 | 51 |
| 51 | A Switch from Diurnal to Nocturnal Activity in <i>S. ehrenbergi</i> Is Accompanied by an Uncoupling of Light Input and the Circadian Clock. <i>Current Biology</i> , 2002, 12, 1919-1922. | 3.9 | 50 |
| 52 | Differential expression of atypical PKCs in the adult mouse brain. <i>Molecular Brain Research</i> , 2004, 127, 79-88. | 2.3 | 49 |
| 53 | Circadian regulation of endocrine systems. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2019, 216, 1-8. | 2.8 | 48 |
| 54 | Circadian clocks guide dendritic cells into skin lymphatics. <i>Nature Immunology</i> , 2021, 22, 1375-1381. | 14.5 | 47 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 55 | Diurnal Rhythm of Circulating Nicotinamide Phosphoribosyltransferase (Nampt/Misfatin/PBEF): Impact of Sleep Loss and Relation to Glucose Metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E218-E222. | 3.6 | 45 |
| 56 | Biological clock in total darkness: The Clock/MOP3 circadian system of the blind subterranean mole rat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 13751-13756. | 7.1 | 44 |
| 57 | The circadian clock as a molecular calendar. <i>Chronobiology International</i> , 2002, 19, 507-516. | 2.0 | 44 |
| 58 | Circadian Rhythms in Adipose Tissue Physiology. , 2017, 7, 383-427. | | 44 |
| 59 | The Concept of Coupling in the Mammalian Circadian Clock Network. <i>Journal of Molecular Biology</i> , 2020, 432, 3618-3638. | 4.2 | 44 |
| 60 | Embryonic development of circadian clocks in the mammalian suprachiasmatic nuclei. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 143. | 1.7 | 43 |
| 61 | Foundations of circadian medicine. <i>PLoS Biology</i> , 2022, 20, e3001567. | 5.6 | 43 |
| 62 | Coupling the Circadian Clock to Homeostasis: The Role of Period in Timing Physiology. <i>Endocrine Reviews</i> , 2019, 40, 66-95. | 20.1 | 41 |
| 63 | The circadian clock and behavior. <i>Behavioural Brain Research</i> , 2001, 125, 89-91. | 2.2 | 40 |
| 64 | The Telomeric Complex and Metabolic Disease. <i>Genes</i> , 2017, 8, 176. | 2.4 | 40 |
| 65 | The circadian clock and metabolic homeostasis: entangled networks. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 4563-4587. | 5.4 | 40 |
| 66 | Circadian genes in a blind subterranean mammal II: Conservation and uniqueness of the three Period homologs in the blind subterranean mole rat, <i>Spalax ehrenbergi</i> superspecies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 11718-11723. | 7.1 | 39 |
| 67 | Restoration of Circadian Rhythmicity in Circadian Clock-Deficient Mice in Constant Light. <i>Journal of Biological Rhythms</i> , 2006, 21, 169-176. | 2.6 | 37 |
| 68 | Artery-Associated Sympathetic Innervation Drives Rhythmic Vascular Inflammation of Arteries and Veins. <i>Circulation</i> , 2019, 140, 1100-1114. | 1.6 | 37 |
| 69 | Understanding the pathophysiological mechanisms of cardiometabolic complications in obstructive sleep apnoea: towards personalised treatment approaches. <i>European Respiratory Journal</i> , 2020, 56, 1902295. | 6.7 | 37 |
| 70 | Clock genes and sleep. <i>Pflugers Archiv European Journal of Physiology</i> , 2012, 463, 3-14. | 2.8 | 36 |
| 71 | The Role of Circadian Rhythms in the Hypertension of Diabetes Mellitus and the Metabolic Syndrome. <i>Current Hypertension Reports</i> , 2018, 20, 43. | 3.5 | 35 |
| 72 | Differentiating external zeitgeber impact on peripheral circadian clock resetting. <i>Scientific Reports</i> , 2019, 9, 20114. | 3.3 | 35 |

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|----|---|------|-----------|
| 73 | Circadian Genes in a Blind Subterranean Mammal III: Molecular Cloning and Circadian Regulation of Cryptochrome Genes in the Blind Subterranean Mole Rat, <i>Spalax Ehrenbergi</i> Superspecies. <i>Journal of Biological Rhythms</i> , 2004, 19, 22-34. | 2.6 | 34 |
| 74 | Sleep and circadian rhythms in Parkinson's disease and preclinical models. <i>Molecular Neurodegeneration</i> , 2022, 17, 2. | 10.8 | 32 |
| 75 | Tissue-Specific Dissociation of Diurnal Transcriptome Rhythms During Sleep Restriction in Mice. <i>Sleep</i> , 2017, 40, . | 1.1 | 31 |
| 76 | Age and oestrus cycle-related changes in glucocorticoid excretion and wheel-running activity in female mice carrying mutations in the circadian clock genes <i>Per1</i> and <i>Per2</i> . <i>Physiology and Behavior</i> , 2009, 96, 57-63. | 2.1 | 30 |
| 77 | Expression of the protein kinase D (PKD) family during mouse embryogenesis. <i>Gene Expression Patterns</i> , 2006, 6, 400-408. | 0.8 | 29 |
| 78 | Impact of adult attention deficit hyperactivity disorder and medication status on sleep/wake behavior and molecular circadian rhythms. <i>Neuropsychopharmacology</i> , 2019, 44, 1198-1206. | 5.4 | 28 |
| 79 | PKC δ participates in food entrainment by regulating BMAL1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20679-20684. | 7.1 | 27 |
| 80 | Hepatic gene therapy rescues high-fat diet responses in circadian Clock mutant mice. <i>Molecular Metabolism</i> , 2017, 6, 512-523. | 6.5 | 27 |
| 81 | The interplay between stress, circadian clocks, and energy metabolism. <i>Journal of Endocrinology</i> , 2020, 247, R13-R25. | 2.6 | 27 |
| 82 | Expression of the atypical protein kinase C (aPKC) isoforms δ and η during mouse embryogenesis. <i>Gene Expression Patterns</i> , 2007, 7, 187-196. | 0.8 | 26 |
| 83 | Mice Lacking the Circadian Modulators SHARP1 and SHARP2 Display Altered Sleep and Mixed State Endophenotypes of Psychiatric Disorders. <i>PLoS ONE</i> , 2014, 9, e110310. | 2.5 | 26 |
| 84 | Rodent Models for the Analysis of Tissue Clock Function in Metabolic Rhythms Research. <i>Frontiers in Endocrinology</i> , 2017, 8, 27. | 3.5 | 26 |
| 85 | Acetylation of BMAL1 by TIP60 controls BRD4-P-TEFb recruitment to circadian promoters. <i>ELife</i> , 2019, 8, . | 6.0 | 26 |
| 86 | The SCN Clock Governs Circadian Transcription Rhythms in Murine Epididymal White Adipose Tissue. <i>Journal of Biological Rhythms</i> , 2016, 31, 577-587. | 2.6 | 25 |
| 87 | Sleep Loss Disrupts Morning-to-Evening Differences in Human White Adipose Tissue Transcriptome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1687-1696. | 3.6 | 25 |
| 88 | Mutual influence of sleep and circadian clocks on physiology and cognition. <i>Free Radical Biology and Medicine</i> , 2018, 119, 8-16. | 2.9 | 24 |
| 89 | Circadian regulation of hedonic appetite in mice by clocks in dopaminergic neurons of the VTA. <i>Nature Communications</i> , 2020, 11, 3071. | 12.8 | 24 |
| 90 | Interplay of central and peripheral circadian clocks in energy metabolism regulation. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12659. | 2.6 | 23 |

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|-----|---|------|-----------|
| 91 | Daily Variation of Clock Output Gene Activation in Behaviorally Arrhythmic <i>Per/mCry</i> Triple Mutant Mice. <i>Chronobiology International</i> , 2003, 20, 683-695. | 2.0 | 22 |
| 92 | Genetic Interaction of <i>Per1</i> and <i>Dec1/2</i> in the Regulation of Circadian Locomotor Activity. <i>Journal of Biological Rhythms</i> , 2011, 26, 530-540. | 2.6 | 22 |
| 93 | Dissociation of Molecular and Endocrine Circadian Rhythms in Male Mice Lacking <i>Bmal1</i> in the Adrenal Cortex. <i>Endocrinology</i> , 2016, 157, 4222-4233. | 2.8 | 22 |
| 94 | The circadian phase of antenatal glucocorticoid treatment affects the risk of behavioral disorders. <i>Nature Communications</i> , 2020, 11, 3593. | 12.8 | 22 |
| 95 | Circadian Clocks and the Interaction between Stress Axis and Adipose Function. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-13. | 1.5 | 21 |
| 96 | Contributions of White and Brown Adipose Tissues to the Circadian Regulation of Energy Metabolism. <i>Endocrinology</i> , 2021, 162, . | 2.8 | 21 |
| 97 | Acute sleep deprivation delays the glucagon-like peptide 1 peak response to breakfast in healthy men. <i>Nutrition and Diabetes</i> , 2013, 3, e78-e78. | 3.2 | 20 |
| 98 | Eat, sleep, repeat – endocrine regulation of behavioural circadian rhythms. <i>FEBS Journal</i> , 2022, 289, 6543-6558. | 4.7 | 20 |
| 99 | An adipokine feedback regulating diurnal food intake rhythms in mice. <i>ELife</i> , 2020, 9, . | 6.0 | 20 |
| 100 | Chronodisruption, Metabolic Homeostasis, and the Regulation of Inflammation in Adipose Tissues. <i>Yale Journal of Biology and Medicine</i> , 2019, 92, 317-325. | 0.2 | 19 |
| 101 | Repeated Psychosocial Stress at Night Affects the Circadian Activity Rhythm of Male Mice. <i>Journal of Biological Rhythms</i> , 2015, 30, 228-241. | 2.6 | 17 |
| 102 | Perinatal Programming of Circadian Clock-Stress Crosstalk. <i>Neural Plasticity</i> , 2018, 2018, 1-12. | 2.2 | 16 |
| 103 | Sleep enhances numbers and function of monocytes and improves bacterial infection outcome in mice. <i>Brain, Behavior, and Immunity</i> , 2020, 87, 329-338. | 4.1 | 16 |
| 104 | Circadian clock-gastrointestinal peptide interaction in peripheral tissues and the brain. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2017, 31, 561-571. | 4.7 | 15 |
| 105 | Large expert-curated database for benchmarking document similarity detection in biomedical literature search. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, . | 3.0 | 15 |
| 106 | Glucocorticoid circadian rhythms in immune function. <i>Seminars in Immunopathology</i> , 2022, 44, 153-163. | 6.1 | 15 |
| 107 | Circadian clock rhythms in different adipose tissue model systems. <i>Chronobiology International</i> , 2018, 35, 1543-1552. | 2.0 | 14 |
| 108 | The Tissue Clock Network: Driver and Gatekeeper of Circadian Physiology. <i>BioEssays</i> , 2020, 42, 1900158. | 2.5 | 14 |

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|-----|--|-----|-----------|
| 109 | Diurnal Regulation of the Orexin/Hypocretin System in Mice. <i>Neuroscience</i> , 2019, 421, 59-68. | 2.3 | 13 |
| 110 | Feto-Maternal Crosstalk in the Development of the Circadian Clock System. <i>Frontiers in Neuroscience</i> , 2020, 14, 631687. | 2.8 | 12 |
| 111 | Genetic background-dependent effects of murine micro RNAs on circadian clock function. <i>PLoS ONE</i> , 2017, 12, e0176547. | 2.5 | 12 |
| 112 | SCN-AVP release of mPer1/mPer2 double-mutant mice in vitro. <i>Journal of Circadian Rhythms</i> , 2014, 6, 5. | 1.3 | 11 |
| 113 | Functional Divergence of Mammalian TFAP2a and TFAP2b Transcription Factors for Bidirectional Sleep Control. <i>Genetics</i> , 2020, 216, 735-752. | 2.9 | 11 |
| 114 | The Quasimesenchymal Pancreatic Ductal Epithelial Cell Line PANC-1â€™A Useful Model to Study Clonal Heterogeneity and EMT Subtype Shifting. <i>Cancers</i> , 2022, 14, 2057. | 3.7 | 11 |
| 115 | Tissue-Specific Interaction of Per1/2 and Dec2 in the Regulation of Fibroblast Circadian Rhythms. <i>Journal of Biological Rhythms</i> , 2012, 27, 478-489. | 2.6 | 10 |
| 116 | Time-of-day-dependent adaptation of the HPA axis to predictable social defeat stress. <i>Journal of Endocrinology</i> , 2016, 231, 209-221. | 2.6 | 10 |
| 117 | Light modulation ameliorates expression of circadian genes and disease progression in spinal muscular atrophy mice. <i>Human Molecular Genetics</i> , 2018, 27, 3582-3597. | 2.9 | 10 |
| 118 | Breastfeeding for 3 Months or Longer but Not Probiotics Is Associated with Reduced Risk for Inattention/Hyperactivity and Conduct Problems in Very-Low-Birth-Weight Children at Early Primary School Age. <i>Nutrients</i> , 2020, 12, 3278. | 4.1 | 10 |
| 119 | Circadian fluctuations in glucocorticoid level predict perceptual discrimination sensitivity. <i>iScience</i> , 2021, 24, 102345. | 4.1 | 10 |
| 120 | <i>FKBP5</i> methylation as a possible marker for cortisol state and transient cortisol exposure in healthy human subjects. <i>Epigenomics</i> , 2017, 9, 1279-1286. | 2.1 | 9 |
| 121 | Dietary induction of obesity and insulin resistance is associated with changes in <i>Fgf21</i> DNA methylation in liver of mice. <i>Journal of Nutritional Biochemistry</i> , 2022, 100, 108907. | 4.2 | 9 |
| 122 | Advanced Light-Entrained Activity Onsets and Restored Free-Running Suprachiasmatic Nucleus Circadian Rhythms in <i>Per2/Dec</i> Mutant Mice. <i>Chronobiology International</i> , 2011, 28, 737-750. | 2.0 | 8 |
| 123 | Circadian rhythms and clocks in adipose tissues: current insights. <i>ChronoPhysiology and Therapy</i> , 0, Volume 7, 7-17. | 0.5 | 8 |
| 124 | The expression pattern of three mast cell specific proteases during mouse development. <i>Molecular Immunology</i> , 2007, 44, 732-740. | 2.2 | 7 |
| 125 | Interaction of circadian and stress systems in the regulation of adipose physiology. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2014, 19, 103-115. | 0.7 | 7 |
| 126 | Circadian Clocks in the Regulation of Neurotransmitter Systems. <i>Pharmacopsychiatry</i> , 2019, 46, . | 3.3 | 7 |

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|-----|---|-----|-----------|
| 127 | Meal Timing and Macronutrient Composition Modulate Human Metabolism and Reward-Related Drive to Eat. <i>Nutrients</i> , 2022, 14, 562. | 4.1 | 7 |
| 128 | Induction of internal circadian desynchrony by misaligning zeitgebers. <i>Scientific Reports</i> , 2022, 12, 1601. | 3.3 | 7 |
| 129 | Dwarfism and insulin resistance in male offspring caused by β 1-adrenergic antagonism during pregnancy. <i>Molecular Metabolism</i> , 2017, 6, 1126-1136. | 6.5 | 6 |
| 130 | Interplay between environmentally modulated feedback loops “ hypoxia and circadian rhythms “ two sides of the same coin?. <i>FEBS Journal</i> , 2017, 284, 3801-3803. | 4.7 | 6 |
| 131 | Circadian period of luciferase expression shortens with age in human mature adipocytes from obese patients. <i>FASEB Journal</i> , 2019, 33, 175-180. | 0.5 | 6 |
| 132 | Circadian enhancer profiling in diet-induced obese mice reveals a critical time window for lipid-lowering therapies. <i>Hepatobiliary Surgery and Nutrition</i> , 2019, 8, 280-282. | 1.5 | 6 |
| 133 | Seasonal Clock Changes Are Underappreciated Health Risks“Also in IBD?. <i>Frontiers in Medicine</i> , 2019, 6, 103. | 2.6 | 6 |
| 134 | Rapid Jetlag Resetting of Behavioral, Physiological, and Molecular Rhythms in Proestrous Female Mice. <i>Journal of Biological Rhythms</i> , 2020, 35, 612-627. | 2.6 | 6 |
| 135 | Maternal Brown Fat Thermogenesis Programs Glucose Tolerance in the Male Offspring. <i>Cell Reports</i> , 2020, 33, 108351. | 6.4 | 6 |
| 136 | The trophoblast clock controls transport across placenta in mice. <i>Development (Cambridge)</i> , 2021, 148, . | 2.5 | 4 |
| 137 | Restructuring of the male mice peripheral circadian network after bariatric surgery. <i>Journal of Endocrinology</i> , 2021, 250, 67-79. | 2.6 | 4 |
| 138 | Getting hot about diabetes“Repeated heat exposure improves glucose regulation and insulin sensitivity. <i>Acta Physiologica</i> , 2020, 229, e13524. | 3.8 | 3 |
| 139 | Effects of sleep on the splenic milieu in mice and the T cell receptor repertoire recruited into a T cell dependent B cell response. <i>Brain, Behavior, & Immunity - Health</i> , 2020, 5, 100082. | 2.5 | 3 |
| 140 | FTO-genotype affects postprandial neuronal responses to visual food cues. <i>Molecular Metabolism</i> , 2014, 3, 84-85. | 6.5 | 2 |
| 141 | GLUT12“ A promising new target for the treatment of insulin resistance in obesity and type 2 diabetes. <i>Acta Physiologica</i> , 2019, 226, e13329. | 3.8 | 2 |
| 142 | Network“Like Organization of the Circadian System Regulates Metabolic Homeostasis. <i>Obesity</i> , 2020, 28, S8-S9. | 3.0 | 2 |
| 143 | Studying Circadian Clock Entrainment by Hormonal Signals. <i>Methods in Molecular Biology</i> , 2022, , 137-152. | 0.9 | 2 |
| 144 | Proanthocyanidins Restore the Metabolic Diurnal Rhythm of Subcutaneous White Adipose Tissue According to Time-Of-Day Consumption. <i>Nutrients</i> , 2022, 14, 2246. | 4.1 | 2 |

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|-----|---|-----|-----------|
| 145 | Does late sleep promote depression?. Expert Review of Endocrinology and Metabolism, 2012, 7, 27-29. | 2.4 | 1 |
| 146 | CYP7A1: A Liver Circadian Clock Output Mediating the Metabolic Effects of Sleep Disruption. Cellular and Molecular Gastroenterology and Hepatology, 2015, 1, 574-575. | 4.5 | 1 |
| 147 | The incretin hormone oxyntomodulin regulates resetting of the liver circadian clock by food. Experimental and Clinical Endocrinology and Diabetes, 2015, 122, . | 1.2 | 1 |
| 148 | Modulation of Cellular Circadian Rhythms by Secondary Metabolites of Lichens. Frontiers in Cellular Neuroscience, 0, 16, . | 3.7 | 1 |
| 149 | Circadian Clocks and Metabolism. , 2010, , 115-137. | | 0 |
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