

Benjamin Rusak

List of Publications by Year in descending order

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141
papers

9,170
citations

41323

49
h-index

40954

93
g-index

147
all docs

147
docs citations

147
times ranked

4654
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Neural regulation of circadian rhythms.. Physiological Reviews, 1979, 59, 449-526. | 13.1 | 1,392 |
| 2 | Light pulses that shift rhythms induce gene expression in the suprachiasmatic nucleus. Science, 1990, 248, 1237-1240. | 6.0 | 542 |
| 3 | The role of the suprachiasmatic nuclei in the generation of circadian rhythms in the golden hamster, <i>Mesocricetus auratus</i> . Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1977, 118, 145-164. | 0.7 | 251 |
| 4 | Neuropeptide Y immunoreactivity in the hamster geniculo-suprachiasmatic tract. Brain Research Bulletin, 1985, 15, 465-472. | 1.4 | 227 |
| 5 | Lesions of the Thalamic Intergeniculate Leaflet Alter Hamster Circadian Rhythms. Journal of Biological Rhythms, 1986, 1, 309-325. | 1.4 | 215 |
| 6 | Luminance coding in a circadian pacemaker: the suprachiasmatic nucleus of the rat and the hamster. Brain Research, 1986, 382, 109-118. | 1.1 | 202 |
| 7 | Impact of acute sleep restriction on cortisol and leptin levels in young women. Physiology and Behavior, 2010, 99, 651-656. | 1.0 | 194 |
| 8 | Manipulating Sleep Duration Alters Emotional Functioning and Cognitive Performance in Children. Journal of Pediatric Psychology, 2013, 38, 1058-1069. | 1.1 | 176 |
| 9 | Double-labeling of neuropeptide Y-immunoreactive neurons which project from the geniculate to the suprachiasmatic nuclei. Brain Research, 1987, 410, 275-282. | 1.1 | 169 |
| 10 | Hamster circadian rhythms are phase-shifted by electrical stimulation of the geniculo-hypothalamic tract. Brain Research, 1989, 493, 283-291. | 1.1 | 164 |
| 11 | Circadian phase response curves for dark pulses in the hamster. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1982, 146, 411-417. | 0.7 | 158 |
| 12 | Photic induction of Fos protein in the suprachiasmatic nucleus is inhibited by the NMDA receptor antagonist MK-801. Neuroscience Letters, 1991, 127, 9-12. | 1.0 | 155 |
| 13 | NMDA and non-NMDA receptor antagonists inhibit photic induction of fos protein in the hamster suprachiasmatic nucleus. Brain Research Bulletin, 1992, 28, 831-835. | 1.4 | 152 |
| 14 | Sleep Disturbance is Associated with Incident Dementia and Mortality. Current Alzheimer Research, 2013, 10, 767-775. | 0.7 | 149 |
| 15 | Localization of cholinergic neurons in the forebrain and brainstem that project to the suprachiasmatic nucleus of the hypothalamus in rat. Journal of Comparative Neurology, 1993, 335, 295-307. | 0.9 | 147 |
| 16 | Testicular Responses to Photoperiod Are Blocked by Lesions of the Suprachiasmatic Nuclei in Golden Hamsters1. Biology of Reproduction, 1976, 15, 366-374. | 1.2 | 145 |
| 17 | Circadian firing-rate rhythms and light responses of rat habenular nucleus neurons in vivo and in vitro. Neuroscience, 2005, 132, 519-528. | 1.1 | 134 |
| 18 | Palatable daily meals entrain anticipatory activity rhythms in free-feeding rats: Dependence on meal size and nutrient content. Physiology and Behavior, 1987, 41, 219-226. | 1.0 | 131 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | 5-HT ₇ receptors mediate serotonergic effects on light-sensitive suprachiasmatic nucleus neurons. <i>Brain Research</i> , 1997, 755, 246-254. | 1.1 | 131 |
| 20 | Circadian variation in photic regulation of immediate-early gene mRNAs in rat suprachiasmatic nucleus cells. <i>Molecular Brain Research</i> , 1992, 14, 124-130. | 2.5 | 128 |
| 21 | Suprachiasmatic stimulation phase shifts rodent circadian rhythms. <i>Science</i> , 1982, 215, 1407-1409. | 6.0 | 123 |
| 22 | Activation of Fos-like immunoreactivity in the medial preoptic area and limbic structures of maternal and social interactions in rats.. <i>Behavioral Neuroscience</i> , 1994, 108, 724-734. | 0.6 | 123 |
| 23 | Neurotransmitters in the Mammalian Circadian System. <i>Annual Review of Neuroscience</i> , 1990, 13, 387-401. | 5.0 | 122 |
| 24 | Distribution of pituitary adenylate cyclase activating polypeptide (PACAP) immunoreactivity in the hypothalamus and extended amygdala of the rat. <i>Journal of Comparative Neurology</i> , 1996, 376, 278-294. | 0.9 | 113 |
| 25 | Melatonin analogues as agonists and antagonists in the circadian system and other brain areas. <i>European Journal of Pharmacology</i> , 1996, 296, 33-42. | 1.7 | 103 |
| 26 | Photic sensitivity of geniculate neurons that project to the suprachiasmatic nuclei or the contralateral geniculate. <i>Brain Research</i> , 1989, 504, 161-164. | 1.1 | 102 |
| 27 | The role of lateral habenulaâ€“dorsal raphe nucleus circuits in higher brain functions and psychiatric illness. <i>Behavioural Brain Research</i> , 2015, 277, 89-98. | 1.2 | 102 |
| 28 | The Mammalian Circadian System: Models and Physiology. <i>Journal of Biological Rhythms</i> , 1989, 4, 9-22. | 1.4 | 99 |
| 29 | Ablation of the geniculo-hypothalamic tract alters circadian activity rhythms of hamsters housed under constant light. <i>Physiology and Behavior</i> , 1988, 42, 183-189. | 1.0 | 97 |
| 30 | PATHWAYS FOR PHOTIC ENTRAINMENT OF MAMMALIAN CIRCADIAN RHYTHMS*. <i>Photochemistry and Photobiology</i> , 1981, 34, 267-273. | 1.3 | 96 |
| 31 | Circadian organization and neural mediation of hamster reproductive rhythms. <i>Psychoneuroendocrinology</i> , 1977, 2, 73-98. | 1.3 | 92 |
| 32 | Effects of serotonergic agonists on firing rates of photically responsive cells in the hamster suprachiasmatic nucleus. <i>Brain Research</i> , 1994, 651, 37-46. | 1.1 | 90 |
| 33 | Food-Anticipatory Circadian Rhythms in Rats with Paraventricular and Lateral Hypothalamic Ablations. <i>Journal of Biological Rhythms</i> , 1988, 3, 277-291. | 1.4 | 86 |
| 34 | Photic responses of geniculo-hypothalamic tract neurons in the Syrian hamster. <i>Visual Neuroscience</i> , 1989, 2, 367-375. | 0.5 | 80 |
| 35 | Circadian and photic regulation of immediate-early gene expression in the hamster suprachiasmatic nucleus. <i>Neuroscience</i> , 1999, 90, 555-571. | 1.1 | 78 |
| 36 | The relation between light-induced discharge in the suprachiasmatic nucleus and phase shifts of hamster circadian rhythms. <i>Brain Research</i> , 1992, 598, 257-263. | 1.1 | 76 |

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Photic responses of suprachiasmatic area neurons in diurnal degus (Octodon degus) and nocturnal rats (Rattus norvegicus). Brain Research, 1999, 817, 93-103. | 1.1 | 75 |
| 38 | Restraint stress affects hippocampal cell proliferation differently in rats and mice. Neuroscience Letters, 2004, 368, 7-10. | 1.0 | 75 |
| 39 | Pigeonsâ€™ memory for event duration: Intertrial interval and delay effects. Learning and Behavior, 1989, 17, 147-156. | 3.4 | 70 |
| 40 | Photically responsive neurons in the hypothalamus of a diurnal ground squirrel. Brain Research, 1989, 501, 315-323. | 1.1 | 66 |
| 41 | Electrophysiological responses of hamster suprachiasmatic neurones to neuropeptide Y in the hypothalamic slice preparation. Neuroscience Letters, 1987, 80, 173-179. | 1.0 | 60 |
| 42 | Electrophysiological analysis of suprachiasmatic nucleus projections to the ventrolateral preoptic area in the rat. European Journal of Neuroscience, 2001, 14, 1257-1274. | 1.2 | 58 |
| 43 | Emotional and Cognitive Impact of Sleep Restriction in Children. Sleep Medicine Clinics, 2015, 10, 107-115. | 1.2 | 58 |
| 44 | Regulation of melatonin-sensitivity and firing-rate rhythms of hamster suprachiasmatic nucleus neurons: pinealectomy effects. Brain Research, 1993, 602, 200-204. | 1.1 | 57 |
| 45 | Involvement of the primary optic tracts in mediation of light effects on hamster oradian rhythms. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1977, 118, 165-172. | 0.7 | 52 |
| 46 | MRI-related anxiety levels change within and between repeated scanning sessions. Psychiatry Research - Neuroimaging, 2010, 182, 160-164. | 0.9 | 52 |
| 47 | Female Reproductive Hormones Alter Sleep Architecture in Ovariectomized Rats. Sleep, 2011, 34, 519-530. | 0.6 | 52 |
| 48 | Effects of serotonin agonists and melatonin on photic responses of hamster intergeniculate leaflet neurons. Brain Research, 1993, 628, 8-16. | 1.1 | 51 |
| 49 | Temporal context effects in pigeons' memory for event duration. Learning and Motivation, 1992, 23, 117-144. | 0.6 | 50 |
| 50 | Daily Rhythm of Spontaneous Immediate-Early Gene Expression in the Rat Suprachiasmatic Nucleus. Journal of Biological Rhythms, 1999, 14, 275-280. | 1.4 | 50 |
| 51 | Sleep deprivation-induced c-fos and junB expression in the rat brain: effects of duration and timing. Behavioural Brain Research, 2001, 120, 75-86. | 1.2 | 50 |
| 52 | Daily hoarding opportunity entrains the pacemaker for hamster activity rhythms. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1988, 164, 165-171. | 0.7 | 49 |
| 53 | Neurophysiological responses to melatonin in the SCN of short-day sensitive and refractory hamsters. Brain Research, 1990, 533, 15-19. | 1.1 | 49 |
| 54 | Physiological mechanisms regulating photic induction of Fos-like protein in hamster suprachiasmatic nucleus. Neuroscience and Biobehavioral Reviews, 1994, 18, 531-536. | 2.9 | 48 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Estradiol and progesterone modulate spontaneous sleep patterns and recovery from sleep deprivation in ovariectomized rats. <i>Sleep</i> , 2009, 32, 865-77. | 0.6 | 44 |
| 56 | Muscarinic receptors mediate carbachol-induced phase shifts of circadian activity rhythms in Syrian hamsters. <i>Brain Research</i> , 1996, 743, 202-211. | 1.1 | 43 |
| 57 | Nerve growth factor phase shifts circadian activity rhythms in Syrian hamsters. <i>Neuroscience Letters</i> , 1996, 206, 97-100. | 1.0 | 41 |
| 58 | Suprachiasmatic Lesions Prevent an Antigonadal Effect of Melatonin. <i>Biology of Reproduction</i> , 1980, 22, 148-154. | 1.2 | 39 |
| 59 | Short-term sleep deprivation may alter the dynamics of hippocampal cell proliferation in adult rats. <i>Neuroscience</i> , 2010, 170, 1140-1152. | 1.1 | 39 |
| 60 | Electrophysiology and pharmacology of projections from the suprachiasmatic nucleus to the ventromedial preoptic area in rat. <i>Neuroscience</i> , 2000, 98, 715-728. | 1.1 | 38 |
| 61 | Phase-shifting effects of pituitary adenylate cyclase activating polypeptide on hamster wheel-running rhythms. <i>Neuroscience Letters</i> , 2001, 305, 25-28. | 1.0 | 38 |
| 62 | Juxtacellular Recording/Labeling Analysis of Physiological and Anatomical Characteristics of Rat Intergeniculate Leaflet Neurons. <i>Journal of Neuroscience</i> , 2005, 25, 9195-9204. | 1.7 | 38 |
| 63 | Sleep disturbance in older ICU patients. <i>Clinical Interventions in Aging</i> , 2014, 9, 969. | 1.3 | 38 |
| 64 | Luminance coding properties of intergeniculate leaflet neurons in the golden hamster and the effects of chronic clorgyline. <i>Brain Research</i> , 1991, 554, 95-104. | 1.1 | 37 |
| 65 | Neonatal monosodium glutamate treatment prevents effects of constant light on circadian temperature rhythms of adult rats. <i>Brain Research</i> , 1995, 675, 135-142. | 1.1 | 37 |
| 66 | Oxytocin levels in the plasma and cerebrospinal fluid of male rats: effects of circadian phase, light and stress. <i>Neuroscience Letters</i> , 2004, 367, 144-147. | 1.0 | 37 |
| 67 | Sleep Quantity and Quality in Relation to Daytime Functioning in Children. <i>Children's Health Care</i> , 2012, 41, 204-222. | 0.5 | 36 |
| 68 | Two Distinct Retinal Projections to the Hamster Suprachiasmatic Nucleus. <i>Journal of Biological Rhythms</i> , 1995, 10, 299-307. | 1.4 | 33 |
| 69 | Effects of Microinjections of Substance P Into the Suprachiasmatic Nucleus Region on Hamster Wheel-Running Rhythms. <i>Brain Research Bulletin</i> , 1997, 42, 451-455. | 1.4 | 33 |
| 70 | Chronic exposure to melatonin receptor agonists does not alter their effects on suprachiasmatic nucleus neurons. <i>European Journal of Pharmacology</i> , 1998, 342, 29-37. | 1.7 | 32 |
| 71 | Regulation of melatonin-sensitivity and firing-rate rhythms of hamster suprachiasmatic nucleus neurons: constant light effects. <i>Brain Research</i> , 1993, 602, 191-199. | 1.1 | 31 |
| 72 | Distribution of ionotropic glutamate receptor subunit immunoreactivity in the suprachiasmatic nucleus and intergeniculate leaflet of the hamster. <i>Brain Research</i> , 1997, 756, 215-224. | 1.1 | 30 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Estradiol replacement enhances sleep deprivation-induced c-Fos immunoreactivity in forebrain arousal regions of ovariectomized rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R1328-R1340. | 0.9 | 29 |
| 74 | Vertebrate Behavioral Rhythms. , 1981, , 183-213. | | 28 |
| 75 | Time-of-day modulation of homeostatic and allostatic sleep responses to chronic sleep restriction in rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 302, R1411-R1425. | 0.9 | 28 |
| 76 | Effects of ionophoretically applied bombesin-like peptides on hamster suprachiasmatic nucleus neurons in vitro. European Journal of Pharmacology, 1994, 271, 413-419. | 1.7 | 26 |
| 77 | Spontaneous circadian and light-induced expression of junB mRNA in the hamster suprachiasmatic nucleus. Brain Research, 1996, 732, 215-222. | 1.1 | 26 |
| 78 | Electrophysiology of optic nerve input to suprachiasmatic nucleus neurons in rats and degus. Brain Research, 2003, 960, 142-151. | 1.1 | 26 |
| 79 | Electrophysiological Effects of Pressure-Ejected Bombesin-Like Peptides on Hamster Suprachiasmatic Nucleus Neurons in vitro. Journal of Neuroendocrinology, 1993, 5, 575-581. | 1.2 | 25 |
| 80 | Activation of hamster suprachiasmatic neurons in vitro via metabotropic glutamate receptors. Neuroscience, 1996, 71, 533-541. | 1.1 | 25 |
| 81 | Psychomotor Vigilance Task Performance During and Following Chronic Sleep Restriction in Rats. Sleep, 2015, 38, 515-528. | 0.6 | 25 |
| 82 | Sources of p75-nerve growth factor receptor-like immunoreactivity in the rat suprachiasmatic nucleus. Neuroscience, 1997, 77, 461-472. | 1.1 | 24 |
| 83 | Ionophoretically applied substance P activates hamster suprachiasmatic nucleus neurons. Brain Research Bulletin, 1995, 37, 475-479. | 1.4 | 23 |
| 84 | Circadian Rhythms in Mammals: Formal Properties and Environmental Influences. , 2005, , 321-334. | | 23 |
| 85 | Periventricular and Suprachiasmatic Lesion Effects on Photoperiodic Responses of the Hamster Hypophyseal-Gonadal Axis. Biology of Reproduction, 1984, 30, 1073-1081. | 1.2 | 22 |
| 86 | Horizontal knife cuts in the suprachiasmatic area prevent hamster gonadal responses to photoperiod. Neuroscience Letters, 1985, 61, 261-266. | 1.0 | 22 |
| 87 | Differential effects of glutamatergic blockade on circadian and photic regulation of gene expression in the hamster suprachiasmatic nucleus. Molecular Brain Research, 1999, 67, 247-257. | 2.5 | 22 |
| 88 | Daily variation of muscarinic receptors in visual cortex but not suprachiasmatic nucleus of Syrian hamsters. Brain Research, 1998, 797, 143-153. | 1.1 | 21 |
| 89 | Fluid intake of rats in constant light and during feeding restricted to the light or dark portion of the illumination cycle. Physiology and Behavior, 1974, 13, 91-100. | 1.0 | 20 |
| 90 | Carbachol phase shifts circadian activity rhythms in ovariectomized rats. Neuroscience Letters, 1986, 72, 357-362. | 1.0 | 20 |

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|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | Gastrin-releasing peptide induces c-Fos in the hamster suprachiasmatic nucleus. <i>Neuroscience Letters</i> , 2005, 384, 205-210. | 1.0 | 20 |
| 92 | Impact of menstrual cycle phase on endocrine effects of partial sleep restriction in healthy women. <i>Psychoneuroendocrinology</i> , 2014, 49, 34-46. | 1.3 | 20 |
| 93 | Housing conditions influence the expression of food-anticipatory activity in mice. <i>Physiology and Behavior</i> , 2004, 83, 447-457. | 1.0 | 19 |
| 94 | Circadian and light regulation of oxytocin and parvalbumin protein levels in the ciliated ependymal layer of the third ventricle in the C57 mouse. <i>Neuroscience</i> , 2005, 134, 539-547. | 1.1 | 19 |
| 95 | Estradiol and Progesterone Modulate Spontaneous Sleep Patterns and Recovery from Sleep Deprivation in Ovariectomized Rats. <i>Sleep</i> , 2009, , . | 0.6 | 19 |
| 96 | Acute Sleep Restriction Has Differential Effects on Components of Attention. <i>Frontiers in Psychiatry</i> , 2018, 9, 499. | 1.3 | 19 |
| 97 | Expression of fosB mRNA in the hamster suprachiasmatic nucleus is induced at only selected circadian phases. <i>Brain Research</i> , 1996, 739, 132-138. | 1.1 | 17 |
| 98 | Transforming growth factor- β and glial fibrillary acidic protein in the hamster circadian system: Daily profile and cellular localization. <i>Brain Research</i> , 2008, 1197, 94-105. | 1.1 | 17 |
| 99 | Effects of overnight sleep restriction on brain chemistry and mood in women with unipolar depression and healthy controls. <i>Journal of Psychiatry and Neuroscience</i> , 2009, 34, 352-60. | 1.4 | 17 |
| 100 | Smaller volumes of caudate nuclei in prepubertal children with ADHD: Impact of age. <i>Journal of Psychiatric Research</i> , 2012, 46, 1066-1072. | 1.5 | 16 |
| 101 | Concordance of actigraphy with polysomnography in children with and without attentionâ€ deficit/hyperactivity disorder. <i>Journal of Sleep Research</i> , 2016, 25, 524-533. | 1.7 | 16 |
| 102 | Lateralized microstructural changes in early-stage Parkinsonâ€™s disease in anterior olfactory structures, but not in substantia nigra. <i>Journal of Neurology</i> , 2017, 264, 1497-1505. | 1.8 | 16 |
| 103 | Stimulation of the hamster ventral lateral geniculate nucleus induces Fos-like immunoreactivity in suprachiasmatic nucleus cells. <i>Neuroscience Letters</i> , 1992, 148, 185-189. | 1.0 | 15 |
| 104 | Spontaneous and light-evoked expression of JunB-like protein in the hamster suprachiasmatic nucleus near subjective dawn. <i>Neuroscience Letters</i> , 1996, 217, 9-12. | 1.0 | 15 |
| 105 | Repeated neonatal separation results in different neurochemical and behavioral changes in adult male and female Mongolian gerbils. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 88, 533-541. | 1.3 | 15 |
| 106 | Daily variation in active glycogen phosphorylase patches in the molecular layer of rat dentate gyrus. <i>Brain Research</i> , 1993, 626, 310-317. | 1.1 | 14 |
| 107 | Melatonin does not influence the expression of c-fos in the suprachiasmatic nucleus of rats and hamsters. <i>Molecular Brain Research</i> , 1997, 52, 242-248. | 2.5 | 13 |
| 108 | Daily variation in the distribution of glycogen phosphorylase in the suprachiasmatic nucleus of Syrian hamsters. <i>Journal of Comparative Neurology</i> , 2001, 435, 249-258. | 0.9 | 13 |

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|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Sleep in Offspring of Parents With Mood Disorders. <i>Frontiers in Psychiatry</i> , 2019, 10, 225. | 1.3 | 13 |
| 110 | Responses of the Circadian System of Rats to Conditioned and Unconditioned Stimuli. <i>Journal of Biological Rhythms</i> , 2000, 15, 277-291. | 1.4 | 12 |
| 111 | Commentary: The Importance of Sleep in Pediatric Chronic Pain--A Wake-up Call for Pediatric Psychologists. <i>Journal of Pediatric Psychology</i> , 2007, 33, 333-334. | 1.1 | 12 |
| 112 | Cognitive Test Performance in Relation to Health and Function in 12 European Countries: The SHARE Study. <i>Canadian Geriatrics Journal</i> , 2015, 18, 144-151. | 0.7 | 12 |
| 113 | Acute effects of light on body temperature and activity in Syrian hamsters: influence of circadian phase. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 278, R1369-R1380. | 0.9 | 11 |
| 114 | Disruptions of Sleep/Wake Patterns in the Stable Tubule Only Polypeptide (STOP) Null Mouse Model of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2016, 42, 1207-1215. | 2.3 | 11 |
| 115 | The Impact of Sleep Restriction on Daytime Functioning in School-Age Children With and Without ADHD: A Narrative Review of the Literature. <i>Canadian Journal of School Psychology</i> , 2019, 34, 188-214. | 1.6 | 11 |
| 116 | Lesions dorsal to the suprachiasmatic nuclei abolish split activity rhythms of hamsters. <i>Brain Research Bulletin</i> , 1990, 24, 593-597. | 1.4 | 10 |
| 117 | Agomelatine affects rat suprachiasmatic nucleus neurons via melatonin and serotonin receptors. <i>Life Sciences</i> , 2016, 155, 147-154. | 2.0 | 10 |
| 118 | An evaluation of homeostasis of circadian periodicity in the golden hamster. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1978, 123, 265-269. | 0.7 | 9 |
| 119 | Actions of histamine in the suprachiasmatic nucleus of the Syrian hamster. <i>Brain Research</i> , 1998, 783, 1-9. | 1.1 | 9 |
| 120 | Circadian Rhythms in Mammals. , 2011, , 363-375. | | 9 |
| 121 | The termination of reinforcing intracranial stimulation: An ecological approach. <i>Physiology and Behavior</i> , 1971, 7, 215-220. | 1.0 | 8 |
| 122 | The coupling of short sleep duration and high sleep need predicts riskier decision making. <i>Psychology and Health</i> , 2019, 34, 1196-1213. | 1.2 | 8 |
| 123 | Interactive Effects of Stress and Photoperiod History on Gonadal Condition in Male Syrian Hamsters. <i>Journal of Pineal Research</i> , 1988, 5, 41-50. | 3.4 | 6 |
| 124 | Anatomical and temporal differences in the regulation of ZIF268 (NGFI-A) protein in the hamster and mouse suprachiasmatic nucleus. <i>Neuroscience</i> , 2002, 111, 567-574. | 1.1 | 6 |
| 125 | Entrainment impaired, masking spared: an apparent genetic abnormality that prevents circadian rhythm entrainment to 24-h lighting cycles in California mice. <i>Neuroscience Letters</i> , 2002, 327, 203-207. | 1.0 | 5 |
| 126 | Exponential state transition dynamics in the rest-activity architecture of patients with bipolar disorder. <i>Bipolar Disorders</i> , 2016, 18, 116-123. | 1.1 | 4 |

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|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 127 | Altered circadian activity and sleep/wake rhythms in the stable tubule only polypeptide (STOP) null mouse model of schizophrenia. <i>Sleep</i> , 2021, 44, . | 0.6 | 4 |
| 128 | Even a Mild Sleep Restriction Can Impact Daytime Functioning in Children with ADHD and Their Typically Developing Peers. <i>Behavioral Sleep Medicine</i> , 2022, 20, 21-36. | 1.1 | 4 |
| 129 | Sleep Variables as Predictors of Treatment Effectiveness and Side Effects of Stimulant Medication in Newly Diagnosed Children with Attention-Deficit/Hyperactivity Disorder. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2021, 42, 1-8. | 0.6 | 4 |
| 130 | The Effects of Extended-Release Stimulant Medication on Sleep in Children with ADHD. <i>Journal of the Canadian Academy of Child and Adolescent Psychiatry</i> , 2020, 29, 33-43. | 0.7 | 4 |
| 131 | Seasonal Affective Disorder: An Introduction. <i>Journal of Biological Rhythms</i> , 1988, 3, 97-99. | 1.4 | 3 |
| 132 | Lack of estradiol modulation of sleep deprivation-induced c-Fos in the rat brain. <i>Physiology and Behavior</i> , 2008, 95, 562-569. | 1.0 | 3 |
| 133 | “Time Present and Time Past”, 2018, , 47-67. | | 3 |
| 134 | Open Forum: Human Phase-Resetting Sensitivity to Light. <i>Journal of Biological Rhythms</i> , 1993, 8, 339-339. | 1.4 | 2 |
| 135 | Selective regional blockade of junB gene expression in the hamster suprachiasmatic nucleus by a tyrosine kinase inhibitor. <i>Molecular Brain Research</i> , 2000, 77, 29-36. | 2.5 | 2 |
| 136 | Chapter VI Immediate-early gene expression in the analysis of circadian rhythms and sleep. <i>Handbook of Chemical Neuroanatomy</i> , 2002, , 147-170. | 0.3 | 2 |
| 137 | Intercellular Interactions and the Physiology of Circadian Rhythms in Mammals. , 2019, , 31-44. | | 2 |
| 138 | Optic enucleation eliminates circadian rhythm shifts induced by stimulating the intergeniculate leaflet in Syrian hamsters. <i>Neuroscience Letters</i> , 2007, 427, 107-111. | 1.0 | 1 |
| 139 | NPAS3 variants in schizophrenia: a neuroimaging study. <i>BMC Medical Genetics</i> , 2014, 15, 37. | 2.1 | 1 |
| 140 | 1091 YOUTH’S BEDTIME REGULARITY MEDIATES THE ASSOCIATION OF DEPRESSION AND ANXIETY WITH NEGATIVE ATTENTION BIAS. <i>Sleep</i> , 2017, 40, A407-A407. | 0.6 | 1 |
| 141 | The electrophysiological effects of neuropeptide-Y (NPY) and arginine-vasopressin (AVP) on rat and hamster suprachiasmatic neurones. <i>Regulatory Peptides</i> , 1989, 26, 81. | 1.9 | 0 |