

Rae Silver

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1741088/publications.pdf>

Version: 2024-02-01

188
papers

10,892
citations

26630

56
h-index

37204

96
g-index

193
all docs

193
docs citations

193
times ranked

6561
citing authors

#	ARTICLE	IF	CITATIONS
1	A diffusible coupling signal from the transplanted suprachiasmatic nucleus controlling circadian locomotor rhythms. <i>Nature</i> , 1996, 382, 810-813.	27.8	726
2	Identification and characterization of a gonadotropin-inhibitory system in the brains of mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2410-2415.	7.1	497
3	Orchestrating time: arrangements of the brain circadian clock. <i>Trends in Neurosciences</i> , 2005, 28, 145-151.	8.6	405
4	Stomach ghrelin-secreting cells as food-entrainable circadian clocks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13582-13587.	7.1	274
5	Sex differences in circadian timing systems: Implications for disease. <i>Frontiers in Neuroendocrinology</i> , 2014, 35, 111-139.	5.2	246
6	Sleep, Rhythms, and the Endocrine Brain: Influence of Sex and Gonadal Hormones. <i>Journal of Neuroscience</i> , 2011, 31, 16107-16116.	3.6	233
7	Expression of <i>Period</i> Genes: Rhythmic and Nonrhythmic Compartments of the Suprachiasmatic Nucleus Pacemaker. <i>Journal of Neuroscience</i> , 2001, 21, 7742-7750.	3.6	215
8	Mast cells in the brain: evidence and functional significance. <i>Trends in Neurosciences</i> , 1996, 19, 25-31.	8.6	214
9	Mast Cells Migrate from Blood to Brain. <i>Journal of Neuroscience</i> , 2000, 20, 401-408.	3.6	204
10	Coexpression of opsin- and VIP-like-immunoreactivity in CSF-contacting neurons of the avian brain. <i>Cell and Tissue Research</i> , 1988, 253, 189-98.	2.9	199
11	Is Cognitive Functioning Impaired in Methamphetamine Users? A Critical Review. <i>Neuropsychopharmacology</i> , 2012, 37, 586-608.	5.4	195
12	Differential induction and localization of mPer1 and mPer2 during advancing and delaying phase shifts. <i>European Journal of Neuroscience</i> , 2002, 16, 1531-1540.	2.6	180
13	Suprachiasmatic Nucleus Organization. <i>Chronobiology International</i> , 1998, 15, 475-487.	2.0	158
14	Brain mast cells link the immune system to anxiety-like behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18053-18057.	7.1	154
15	Mast cells on the mind: new insights and opportunities. <i>Trends in Neurosciences</i> , 2013, 36, 513-521.	8.6	148
16	Parental Care in an Ecological Perspective: A Quantitative Analysis of Avian Subfamilies. <i>American Zoologist</i> , 1985, 25, 823-840.	0.7	142
17	Organization of suprachiasmatic nucleus projections in Syrian hamsters (<i>Mesocricetus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 361-379.	1.6	131
18	The eye is necessary for a circadian rhythm in the suprachiasmatic nucleus. <i>Nature Neuroscience</i> , 2003, 6, 111-112.	14.8	128

#	ARTICLE	IF	CITATIONS
19	Calbindin-D28K cells in the hamster SCN express light-induced Fos. <i>NeuroReport</i> , 1996, 7, 1224.	1.2	127
20	The regulation of neuroendocrine function: Timing is everything. <i>Hormones and Behavior</i> , 2006, 49, 557-574.	2.1	127
21	Localization of a Suprachiasmatic Nucleus Subregion Regulating Locomotor Rhythmicity. <i>Journal of Neuroscience</i> , 1999, 19, 5574-5585.	3.6	123
22	Dispersed cell suspensions of fetal SCN restore circadian rhythmicity in SCN-lesioned adult hamsters. <i>Brain Research</i> , 1990, 525, 45-58.	2.2	120
23	Phase Resetting Light Pulses Induce <i>Per1</i> and Persistent Spike Activity in a Subpopulation of Biological Clock Neurons. <i>Journal of Neuroscience</i> , 2003, 23, 1441-1450.	3.6	120
24	Temporal and spatial expression patterns of canonical clock genes and clock-controlled genes in the suprachiasmatic nucleus. <i>European Journal of Neuroscience</i> , 2004, 19, 1741-1748.	2.6	120
25	Gates and Oscillators: A Network Model of the Brain Clock. <i>Journal of Biological Rhythms</i> , 2003, 18, 339-350.	2.6	116
26	Resetting the brain clock: time course and localization of mPER1 and mPER2 protein expression in suprachiasmatic nuclei during phase shifts. <i>European Journal of Neuroscience</i> , 2004, 19, 1105-1109.	2.6	114
27	Phenotype Matters: Identification of Light-Responsive Cells in the Mouse Suprachiasmatic Nucleus. <i>Journal of Neuroscience</i> , 2004, 24, 68-75.	3.6	112
28	A Role for Androgens in Regulating Circadian Behavior and the Suprachiasmatic Nucleus. <i>Endocrinology</i> , 2007, 148, 5487-5495.	2.8	105
29	Gonadectomy reveals sex differences in circadian rhythms and suprachiasmatic nucleus androgen receptors in mice. <i>Hormones and Behavior</i> , 2008, 53, 422-430.	2.1	104
30	Food-entrained circadian rhythms are sustained in arrhythmic <i>Clk/Clk</i> mutant mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003, 285, R57-R67.	1.8	103
31	Output Signals of the Scn. <i>Chronobiology International</i> , 1998, 15, 535-550.	2.0	95
32	Two Antiphase Oscillations Occur in Each Suprachiasmatic Nucleus of Behaviorally Split Hamsters. <i>Journal of Neuroscience</i> , 2005, 25, 9017-9026.	3.6	93
33	Minireview: The Neuroendocrinology of the Suprachiasmatic Nucleus as a Conductor of Body Time in Mammals. <i>Endocrinology</i> , 2007, 148, 5640-5647.	2.8	93
34	Brain mast cell relationship to neurovasculature during development. <i>Brain Research</i> , 2007, 1171, 18-29.	2.2	91
35	The Suprachiasmatic Nucleus is a Functionally Heterogeneous Timekeeping Organ. <i>Methods in Enzymology</i> , 2005, 393, 451-465.	1.0	88
36	Androgens Modulate Structure and Function of the Suprachiasmatic Nucleus Brain Clock. <i>Endocrinology</i> , 2011, 152, 1970-1978.	2.8	85

#	ARTICLE	IF	CITATIONS
37	Neurotech for Neuroscience: Unifying Concepts, Organizing Principles, and Emerging Tools. <i>Journal of Neuroscience</i> , 2007, 27, 11807-11819.	3.6	84
38	Multiple regulatory elements result in regional specificity in circadian rhythms of neuropeptide expression in mouse SCN. <i>NeuroReport</i> , 1999, 10, 3165-3174.	1.2	83
39	Cellular Location and Circadian Rhythm of Expression of the Biological Clock Gene <i>Period 1</i> in the Mouse Retina. <i>Journal of Neuroscience</i> , 2003, 23, 7670-7676.	3.6	83
40	Direct Innervation of GnRH Neurons by Encephalic Photoreceptors in Birds. <i>Journal of Biological Rhythms</i> , 2001, 16, 39-49.	2.6	82
41	Signaling within the Master Clock of the Brain: Localized Activation of Mitogen-Activated Protein Kinase by Gastrin-Releasing Peptide. <i>Journal of Neuroscience</i> , 2005, 25, 2447-2454.	3.6	79
42	Frequent marijuana use, binge drinking and mental health problems among undergraduates. <i>American Journal on Addictions</i> , 2015, 24, 499-506.	1.4	78
43	Photoperiod and Reproductive Condition Are Associated with Changes in RFamide-Related Peptide (RFRP) Expression in Syrian Hamsters (<i>Mesocricetus auratus</i>). <i>Journal of Biological Rhythms</i> , 2010, 25, 176-185.	2.6	74
44	The nucleus basalis of the pigeon: A single-unit analysis. <i>Journal of Comparative Neurology</i> , 1973, 147, 119-128.	1.6	71
45	Estrogen-progesterone regulation of nest-building and incubation behavior in ovariectomized ring doves (<i>Streptopelia risoria</i>). <i>Journal of Comparative and Physiological Psychology</i> , 1975, 88, 256-263.	1.8	71
46	Social interactions and androgen levels in birds. <i>General and Comparative Endocrinology</i> , 1981, 44, 454-463.	1.8	69
47	Retinal Innervation of Calbindin-D28K Cells in the Hamster Suprachiasmatic Nucleus: Ultrastructural Characterization. <i>Journal of Biological Rhythms</i> , 2000, 15, 103-111.	2.6	69
48	Characterization of orderly spatiotemporal patterns of clock gene activation in mammalian suprachiasmatic nucleus. <i>European Journal of Neuroscience</i> , 2011, 33, 1851-1865.	2.6	69
49	Serotonin of mast cell origin contributes to hippocampal function. <i>European Journal of Neuroscience</i> , 2012, 36, 2347-2359.	2.6	68
50	Expression of the circadian clock gene <i>Period 1</i> in neuroendocrine cells: an investigation using mice with a <i>Per1::GFP</i> transgene. <i>European Journal of Neuroscience</i> , 2003, 17, 212-220.	2.6	67
51	Targeted Microlesions Reveal Novel Organization of the Hamster Suprachiasmatic Nucleus. <i>Journal of Neuroscience</i> , 2004, 24, 2449-2457.	3.6	67
52	Circadian rhythms have broad implications for understanding brain and behavior. <i>European Journal of Neuroscience</i> , 2014, 39, 1866-1880.	2.6	67
53	Radioimmunoassay of Plasma Progesterone During the Reproductive Cycle of Male and Female Ring Doves (<i>Streptopelia risoria</i>). <i>Endocrinology</i> , 1974, 94, 1547-1554.	2.8	66
54	Neuroendocrine underpinnings of sex differences in circadian timing systems. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 160, 118-126.	2.5	65

#	ARTICLE	IF	CITATIONS
55	Increased VIP and Decreased GnRH Expression in Photorefractory Dark-Eyed Juncos (<i>Junco hyemalis</i>). <i>General and Comparative Endocrinology</i> , 1994, 93, 128-136.	1.8	64
56	Suckling and genital stroking induces Fos expression in hypothalamic oxytocinergic neurons of rabbit pups. <i>Developmental Brain Research</i> , 2003, 143, 119-128.	1.7	63
57	Dose-Dependent Effects of Androgens on the Circadian Timing System and Its Response to Light. <i>Endocrinology</i> , 2012, 153, 2344-2352.	2.8	60
58	Reproductive Behavior, Endocrine State, and the Distribution of GnRH-like Immunoreactive Mast Cells in Dove Brain. <i>Hormones and Behavior</i> , 1993, 27, 283-295.	2.1	58
59	Suprachiasmatic nucleus as the site of androgen action on circadian rhythms. <i>Hormones and Behavior</i> , 2015, 73, 1-7.	2.1	57
60	Prolactin and parenting in the pigeon family. <i>The Journal of Experimental Zoology</i> , 1984, 232, 617-625.	1.4	56
61	Diurnal regulation of the gastrin-releasing peptide receptor in the mouse circadian clock. <i>European Journal of Neuroscience</i> , 2006, 23, 1047-1053.	2.6	56
62	Gates and Oscillators II: Zeitgebers and the Network Model of the Brain Clock. <i>Journal of Biological Rhythms</i> , 2007, 22, 14-25.	2.6	56
63	Circadian Locomotor Rhythms, but Not Photoperiodic Responses, Survive Surgical Isolation of the SCN in Hamsters. <i>Journal of Biological Rhythms</i> , 1991, 6, 97-113.	2.6	55
64	Gonadal Steroids Regulate the Number and Activational State of Mast Cells in the Medial Habenula ¹ . <i>Endocrinology</i> , 2000, 141, 1178-1186.	2.8	55
65	A short half-life GFP mouse model for analysis of suprachiasmatic nucleus organization. <i>Brain Research</i> , 2003, 964, 279-287.	2.2	54
66	Plasma luteinizing hormone in male ring doves during the breeding cycle. <i>General and Comparative Endocrinology</i> , 1980, 42, 19-24.	1.8	52
67	Divergent photic thresholds in the non-image-forming visual system: entrainment, masking and pupillary light reflex. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 745-750.	2.6	52
68	Retinohypothalamic Projections and the Suprachiasmatic Nucleus in Birds. <i>Brain, Behavior and Evolution</i> , 1989, 34, 73-83.	1.7	51
69	Changes in Brain Gonadotropin-Releasing Hormone- and Vasoactive Intestinal Polypeptide-like Immunoreactivity Accompanying Reestablishment of Photosensitivity in Male Dark-Eyed Juncos (<i>Junco</i>) Tj ETQq1 1 07843145rgBT /Over		
70	Vasoactive intestinal polypeptide-like immunoreactivity during reproduction in doves: Influence of experience and number of offspring. <i>Hormones and Behavior</i> , 1990, 24, 215-231.	2.1	48
71	Neural basis of timing and anticipatory behaviors. <i>European Journal of Neuroscience</i> , 2009, 30, 1643-1649.	2.6	48
72	Restoration of Circadian Rhythmicity by Transplants of SCN "Micropunches". <i>Journal of Biological Rhythms</i> , 1996, 11, 163-171.	2.6	47

#	ARTICLE	IF	CITATIONS
73	Two forces for arousal: Pitting hunger versus circadian influences and identifying neurons responsible for changes in behavioral arousal. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20078-20083.	7.1	46
74	Nature's food anticipatory experiment: entrainment of locomotor behavior, suprachiasmatic and dorsomedial hypothalamic nuclei by suckling in rabbit pups. European Journal of Neuroscience, 2008, 27, 432-443.	2.6	45
75	Distribution of vasoactive intestinal peptide-like and neurophysin-like immunoreactive neurons and acetylcholinesterase staining in the ring dove hypothalamus with emphasis on the question of an avian suprachiasmatic nucleus. Cell and Tissue Research, 1990, 259, 331-339.	2.9	44
76	Lithium lengthens the period of circadian rhythms in lesioned hamsters bearing SCN grafts. Biological Psychiatry, 1993, 34, 75-83.	1.3	44
77	Activation of lordosis in ovariectomized guinea pigs by free and esterified forms of estrone, estradiol-17 β and estriol. Physiology and Behavior, 1974, 13, 251-255.	2.1	43
78	Calbindin Influences Response to Photic Input in Suprachiasmatic Nucleus. Journal of Neuroscience, 2003, 23, 8820-8826.	3.6	43
79	Oxytocin and vasopressin immunoreactivity in rabbit hypothalamus during estrus, late pregnancy, and postpartum. Brain Research, 1996, 720, 7-16.	2.2	42
80	Brain mast cells lack the c-kit receptor: immunocytochemical evidence. Journal of Neuroimmunology, 1998, 90, 207-211.	2.3	40
81	The role of Period1 in non-photic resetting of the hamster circadian pacemaker in the suprachiasmatic nucleus. Neuroscience Letters, 2004, 362, 87-90.	2.1	40
82	A novel strategy for dissecting goal-directed action and arousal components of motivated behavior with a progressive hold-down task.. Behavioral Neuroscience, 2015, 129, 269-280.	1.2	40
83	Stimulus requirements for prolactin and LH secretion in incubating ring doves. General and Comparative Endocrinology, 1985, 59, 246-256.	1.8	39
84	Deconstructing Circadian Rhythmicity with Models and Manipulations. Trends in Neurosciences, 2016, 39, 405-419.	8.6	39
85	Reproductive Mechanisms: Interaction of Circadian and Interval Timing. Annals of the New York Academy of Sciences, 1984, 423, 488-514.	3.8	38
86	Diurnal and circadian variation of protein kinase C immunoreactivity in the rat retina. Journal of Comparative Neurology, 2001, 439, 140-150.	1.6	38
87	Connectome of the Suprachiasmatic Nucleus: New Evidence of the Core-Shell Relationship. ENeuro, 2018, 5, ENEURO.0205-18.2018.	1.9	38
88	<i>Circadian and Homeostatic Factors in Arousal</i>. Annals of the New York Academy of Sciences, 2008, 1129, 263-274.	3.8	37
89	Food anticipation depends on oscillators and memories in both body and brain. Physiology and Behavior, 2011, 104, 562-571.	2.1	37
90	Reorganization of Suprachiasmatic Nucleus Networks under 24-h LDLD Conditions. Journal of Biological Rhythms, 2010, 25, 19-27.	2.6	35

#	ARTICLE	IF	CITATIONS
91	Selective Distribution of Retinal Input to Mouse SCN Revealed in Analysis of Sagittal Sections. <i>Journal of Biological Rhythms</i> , 2015, 30, 251-257.	2.6	35
92	Functional Characteristics of Single Units in the Spinal Trigeminal Nucleus of the Pigeon. <i>Brain, Behavior and Evolution</i> , 1973, 8, 287-303.	1.7	34
93	Targeted mutation of the calbindin D _{28K} gene disrupts circadian rhythmicity and entrainment. <i>European Journal of Neuroscience</i> , 2008, 27, 2907-2921.	2.6	34
94	Stimuli from Conspecifics Influence Brain Mast Cell Population in Male Rats. <i>Hormones and Behavior</i> , 2002, 42, 1-12.	2.1	33
95	Residual effects of intranasal methamphetamine on sleep, mood, and performance. <i>Drug and Alcohol Dependence</i> , 2008, 94, 258-262.	3.2	33
96	The effects of pharmacological modulation of the serotonin 2C receptor on goal-directed behavior in mice. <i>Psychopharmacology</i> , 2016, 233, 615-624.	3.1	33
97	Mast cells in the rat brain synthesize gonadotropin-releasing hormone. <i>Journal of Neurobiology</i> , 2003, 56, 113-124.	3.6	32
98	Neurogenesis and ontogeny of specific cell phenotypes within the hamster suprachiasmatic nucleus. <i>Developmental Brain Research</i> , 2005, 157, 8-18.	1.7	31
99	Daylength encoding through tonic photic effects in the retinorecipient SCN region. <i>European Journal of Neuroscience</i> , 2008, 28, 2108-2115.	2.6	30
100	Circadian Insights into Motivated Behavior. <i>Current Topics in Behavioral Neurosciences</i> , 2015, 27, 137-169.	1.7	30
101	Retinohypothalamic pathway in the dove demonstrated by anterograde HRP. <i>Brain Research Bulletin</i> , 1983, 10, 715-718.	3.0	28
102	Time course of peptidergic expression in fetal suprachiasmatic nucleus transplanted into adult hamster. <i>Developmental Brain Research</i> , 1990, 57, 1-6.	1.7	28
103	Immunocytochemical Distribution of GnRH in the Brain of Adult and Posthatching Great Tit <i>Parus major</i> and Ring Dove <i>Streptopelia roseogrisea</i> . <i>Ornis Scandinavica</i> , 1992, 23, 222.	1.0	28
104	Mast cells are necessary for the hypothermic response to LPS-induced sepsis. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 296, R595-R602.	1.8	28
105	Basis of Robustness and Resilience in the Suprachiasmatic Nucleus: Individual Neurons Form Nodes in Circuits that Cycle Daily. <i>Journal of Biological Rhythms</i> , 2009, 24, 340-352.	2.6	28
106	Specializations of gastrin-releasing peptide cells of the mouse suprachiasmatic nucleus. <i>Journal of Comparative Neurology</i> , 2010, 518, 1249-1263.	1.6	28
107	Review: Brain, Hormone and Behavior Interactions in Avian Reproduction: Status and Prospectus. <i>Condor</i> , 1989, 91, 966.	1.6	27
108	Calbindin expression in the hamster SCN is influenced by circadian genotype and by photic conditions. <i>NeuroReport</i> , 1999, 10, 3159-3163.	1.2	27

#	ARTICLE	IF	CITATIONS
109	Role of adrenal hormones in incubation behavior of male ring doves (<i>Streptopelia risoria</i>).. Journal of Comparative and Physiological Psychology, 1973, 84, 453-463.	1.8	26
110	DARPP-32 Involvement in the Photic Pathway of the Circadian System. Journal of Neuroscience, 2006, 26, 9434-9438.	3.6	26
111	Social interactions and androgen levels in birds. General and Comparative Endocrinology, 1981, 44, 464-469.	1.8	25
112	Circadian Rhythms in the Endocrine System. , 2002, , 33-91.		25
113	All amacrine neurons of the rat retina show diurnal and circadian rhythms of parvalbumin immunoreactivity. Cell and Tissue Research, 2004, 315, 181-186.	2.9	25
114	Antibodies for Assessing Circadian Clock Proteins in the Rodent Suprachiasmatic Nucleus. PLoS ONE, 2012, 7, e35938.	2.5	25
115	Combining Small-Volume Metabolomic and Transcriptomic Approaches for Assessing Brain Chemistry. Analytical Chemistry, 2013, 85, 3136-3143.	6.5	24
116	Timing of incubation bouts by ring doves (<i>Streptopelia risoria</i>).. Journal of Comparative Psychology (Washington, D C: 1983), 1983, 97, 213-225.	0.5	24
117	Role of gonadal hormones in incubation behavior of male ring doves (<i>Streptopelia risoria</i>).. Journal of Comparative and Physiological Psychology, 1973, 84, 464-471.	1.8	23
118	What determines the pattern of sharing of incubation and brooding in ring doves?. Journal of Comparative and Physiological Psychology, 1979, 93, 481-492.	1.8	23
119	Tracing SCN graft efferents with Dil. Brain Research, 1991, 554, 15-21.	2.2	23
120	Termination of incubation in doves: Influence of egg fertility and absence of mate. Hormones and Behavior, 1980, 14, 93-106.	2.1	22
121	Brain mast cells are influenced by chemosensory cues associated with estrus induction in female prairie voles (<i>Microtus ochrogaster</i>). Hormones and Behavior, 2003, 44, 377-384.	2.1	22
122	Twelve-hour days in the brain and behavior of split hamsters. European Journal of Neuroscience, 2012, 36, 2556-2566.	2.6	22
123	Situational and hormonal determinants of courtship, aggressive and incubation behavior in male ring doves (<i>Streptopelia risoria</i>). Hormones and Behavior, 1973, 4, 163-172.	2.1	21
124	Light exposure induces short- and long-term changes in the excitability of retinorecipient neurons in suprachiasmatic nucleus. Journal of Neurophysiology, 2011, 106, 576-588.	1.8	21
125	Blunted Refeeding Response and Increased Locomotor Activity in Mice Lacking FoxO1 in Synapsin-1 Expressing Neurons. Diabetes, 2013, 62, 3373-3383.	0.6	21
126	GnRH, brain mast cells and behavior. Progress in Brain Research, 2002, 141, 315-325.	1.4	20

#	ARTICLE	IF	CITATIONS
127	Differential localization of <scp>PER</scp>1 and <scp>PER</scp>2 in the brain master circadian clock. European Journal of Neuroscience, 2017, 45, 1357-1367.	2.6	20
128	Retinal projections in quail (Coturnix coturnix). Visual Neuroscience, 1989, 3, 377-387.	1.0	19
129	Oscillators entrained by food and the emergence of anticipatory timing behaviors. Sleep and Biological Rhythms, 2010, 8, 120-136.	1.0	19
130	Function of Metallothionein-3 in Neuronal Cells: Do Metal Ions Alter Expression Levels of MT3?. International Journal of Molecular Sciences, 2017, 18, 1133.	4.1	19
131	Circadian Trafficking of Calbindin-ir in Fibers of SCN Neurons. Journal of Biological Rhythms, 2009, 24, 488-496.	2.6	18
132	Blood-borne donor mast cell precursors migrate to mast cell-rich brain regions in the adult mouse. Journal of Neuroimmunology, 2011, 240-241, 142-146.	2.3	18
133	Gonadal Steroids Regulate the Number and Activational State of Mast Cells in the Medial Habenula. Endocrinology, 2000, 141, 1178-1186.	2.8	18
134	Associative factors and the development of pecking in the ring dove. Developmental Psychobiology, 1985, 18, 447-460.	1.6	17
135	Fiber outgrowth from anterior hypothalamic and cortical xenografts in the third ventricle. , 1998, 391, 133-145.		17
136	Reproductive Physiology and Behavior Interactions in Nonmammalian Vertebrates. , 1985, , 101-182.		17
137	Identification of the suprachiasmatic nucleus venous portal system in the mammalian brain. Nature Communications, 2021, 12, 5643.	12.8	17
138	Avian Behavioral Endocrinology. BioScience, 1983, 33, 567-572.	4.9	16
139	CSF signaling in physiology and behavior. Progress in Brain Research, 2000, 125, 415-433.	1.4	16
140	Overexpression of striatal D2 receptors reduces motivation thereby decreasing food anticipatory activity. European Journal of Neuroscience, 2020, 51, 71-81.	2.6	16
141	Circadian and Interval Timing Mechanisms in the Ovulatory Cycle of the Hen. Poultry Science, 1986, 65, 2355-2362.	3.4	15
142	Display of courtship and incubation behavior during the reproductive cycle of the male ring dove (Streptopelia risoria). Hormones and Behavior, 1977, 8, 8-21.	2.1	14
143	Neither triazolam nor activity phase advance circadian locomotor activity in SCN-lesioned hamsters bearing fetal SCN transplants. Brain Research, 1991, 566, 40-45.	2.2	14
144	Coitus-induced activation of c-fos and gonadotropin-releasing hormone in hypothalamic neurons in female rabbits. Molecular Brain Research, 2000, 78, 69-79.	2.3	14

#	ARTICLE	IF	CITATIONS
145	Effects of the antiandrogen cyproterone acetate on reproduction in male and female ring doves. <i>Hormones and Behavior</i> , 1977, 9, 371-379.	2.1	13
146	Suprachiasmatic nucleus lesions abolish and fetal grafts restore circadian gnawing rhythms in hamsters. <i>Restorative Neurology and Neuroscience</i> , 1994, 6, 135-143.	0.7	12
147	The Suprachiasmatic Nucleus and Circadian Function: an Interoduction. <i>Chronobiology International</i> , 1998, 15, vii-x.	2.0	12
148	Time of day influences the voluntary intake and behavioral response to methamphetamine and food reward. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 110, 117-126.	2.9	11
149	Arginine Vasopressin-Containing Neurons of the Suprachiasmatic Nucleus Project to CSF. <i>ENeuro</i> , 2021, 8, ENEURO.0363-20.2021.	1.9	10
150	Intraventricular Prolactin Inhibits Hypothalamic Vasoactive-Intestinal Polypeptide-Expression in Doves. <i>Journal of Neuroendocrinology</i> , 1995, 7, 881-887.	2.6	9
151	Cellular localization and function of DARPP-32 in the rodent retina. <i>European Journal of Neuroscience</i> , 2007, 25, 3233-3242.	2.6	9
152	Host resets phase of grafted SCN: influence of implant site, tissue specificity and pineal secretion. <i>Neuroscience Letters</i> , 1994, 176, 80-84.	2.1	8
153	Phase shifts and Per gene expression in mouse suprachiasmatic nucleus. <i>NeuroReport</i> , 2003, 14, 1247-1251.	1.2	8
154	Host resets phase of grafted suprachiasmatic nucleus: a 2-DG study of time course of entrainment. <i>Brain Research</i> , 1994, 655, 168-176.	2.2	7
155	The Suprachiasmatic Nucleus and the Circadian Timekeeping System of the Body. , 2015, , 1-49.		7
156	The development of a developmentalist: Daniel S. Lehrman. <i>Developmental Psychobiology</i> , 1987, 20, 563-570.	1.6	6
157	Heavy water lengthens the period of free-running rhythms in lesioned hamsters bearing SCN grafts. <i>Physiology and Behavior</i> , 1993, 54, 599-604.	2.1	6
158	Targeted mutation of the calbindin D _{28k} gene selectively alters nonvisual photosensitivity. <i>European Journal of Neuroscience</i> , 2011, 33, 2299-2307.	2.6	6
159	Phase Gradients and Anisotropy of the Suprachiasmatic Network: Discovery of Phaseoids. <i>ENeuro</i> , 2021, 8, ENEURO.0078-21.2021.	1.9	6
160	Mutual Shaping of Circadian Body-Wide Synchronization by the Suprachiasmatic Nucleus and Circulating Steroids. <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .	2.0	6
161	Microcomputers in psychology laboratory courses. <i>Behavior Research Methods</i> , 1984, 16, 150-152.	1.3	5
162	Biotinylated Dextran Amine as a Marker for Fetal Hypothalamic Homografts and Their Efferents. <i>Experimental Neurology</i> , 2002, 174, 72-80.	4.1	5

#	ARTICLE	IF	CITATIONS
163	Brain Activity during Methamphetamine Anticipation in a Non-Invasive Self-Administration Paradigm in Mice. <i>ENeuro</i> , 2018, 5, ENEURO.0433-17.2018.	1.9	5
164	Automatic monitoring of temperature and/or location: A computer-controlled radiotelemetry system. <i>Behavior Research Methods</i> , 1984, 16, 533-537.	1.3	4
165	Location of neurons projecting to the hypophysial stalk ? median eminence in ring doves (<i>Streptopelia</i>) Tj ETQq1 1 0.784314rgBT /O	2.9	4
166	Cells have sex chromosomes and circadian clocks: Implications for organismal level functions. <i>Physiology and Behavior</i> , 2018, 187, 6-12.	2.1	4
167	Biparental Care. , 1983, , 145-171.		3
168	Immunocompetence, mast cells and sexual behaviour. <i>Ibis</i> , 1996, 138, 101-111.	1.9	3
169	Musashiâ€2 and related stem cell proteins in the mouse suprachiasmatic nucleus and their potential role in circadian rhythms. <i>International Journal of Developmental Neuroscience</i> , 2019, 75, 44-58.	1.6	3
170	The Suprachiasmatic Nucleus and the Circadian Timekeeping System of the Body. , 2013, , 1847-1888.		2
171	The Suprachiasmatic Nucleus and the Circadian Timekeeping System of the Body. , 2016, , 2241-2288.		2
172	Elevated zinc transporter ZnT3 in the dentate gyrus of mast cellâ€deficient mice. <i>European Journal of Neuroscience</i> , 2020, 51, 1504-1513.	2.6	2
173	Editorial: Development of Circadian Clock Functions. <i>Frontiers in Neuroscience</i> , 2021, 15, 735007.	2.8	2
174	Location of neurons projecting to the hypophysial stalk ? median eminence in ring doves (<i>Streptopelia</i>) Tj ETQq0 0 0.0rgBT /O	2.9	2
175	The Suprachiasmatic Nucleus and the Circadian Timekeeping System of the Body. , 2021, , 1-49.		2
176	Inhibition of Cropâ€™Sac Growth by Dexamethasone in Ring Doves (<i>Streptopelia risoria</i>). <i>Endocrinology</i> , 1973, 92, 1568-1571.	2.8	1
177	Abundance of Degrees of Freedom. , 2008, , 3-3.		1
178	Circadian Regulation of Endocrine Functions. , 2017, , 345-369.		1
179	Circadian rhythmicity and the community of clockworkers. <i>European Journal of Neuroscience</i> , 2020, 51, 2314-2328.	2.6	1
180	Relevance of Network Organization in SCN Clock Function. , 2015, , 149-175.		1

#	ARTICLE	IF	CITATIONS
181	Studying restoration of brain function with fetal tissue grafts: Optimal models. Behavioral and Brain Sciences, 1995, 18, 70-70.	0.7	0
182	Gene-Hormone-Environment Interactions in the Regulation of Aggressive Responses: Elegant Analysis of Complex Behavior. Science's STKE: Signal Transduction Knowledge Environment, 2007, 2007, pe55.	3.9	0
183	Targeted mutation of the calbindin D28K gene disrupts circadian rhythmicity and entrainment. European Journal of Neuroscience, 2008, 28, 1030-1030.	2.6	0
184	Phase waves in the suprachiasmatic nucleus (Commentary on Hong <i>et al.</i>). European Journal of Neuroscience, 2012, 35, 1416-1416.	2.6	0
185	Jay S. Rosenblatt, Ph.D., 1924-2014. Developmental Psychobiology, 2014, 56, 1164-1165.	1.6	0
186	Circadian and Circannual Rhythms and Hormones. , 2019, , 579-587.		0
187	Building a Mammalian Brain Clock. FASEB Journal, 2007, 21, A144.	0.5	0
188	Effect of time of day on methamphetamine anticipation and neural activation. FASEB Journal, 2012, 26, lb794.	0.5	0