James C Walton

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3855630/publications.pdf

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48	3,374	279798	214800
papers	citations	23 h-index	47 g-index

48	48	48	4472
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sex Differences in Circadian Rhythms. Cold Spring Harbor Perspectives in Biology, 2022, 14, a039107.	5.5	19
2	Time-restricted feeding alters the efficiency of mammary tumor growth. Chronobiology International, 2022, 39, 535-546.	2.0	6
3	CRISPR-Cas9 editing of the arginineâ€“vasopressin V1a receptor produces paradoxical changes in social behavior in Syrian hamsters. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2121037119.	7.1	18
4	Time of day as a critical variable in biology. BMC Biology, 2022, 20, .	3.8	18
5	Circadian Variation in Efficacy of Medications. Clinical Pharmacology and Therapeutics, 2021, 109, 1457-1488.	4.7	16
6	Disrupted circadian rhythms and mental health. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 179, 259-270.	1.8	10
7	Clocks, Rhythms, Sex, and Hearts: How Disrupted Circadian Rhythms, Time-of-Day, and Sex Influence Cardiovascular Health. Biomolecules, 2021, 11, 883.	4.0	18
8	Disruptions of Circadian Rhythms and Thrombolytic Therapy During Ischemic Stroke Intervention. Frontiers in Neuroscience, 2021, 15, 675732.	2.8	8
9	Artificial Light at Night Reduces Anxiety-like Behavior in Female Mice with Exacerbated Mammary Tumor Growth. Cancers, 2021, 13, 4860.	3.7	5
10	Circadian Influences on Chemotherapy Efficacy in a Mouse Model of Brain Metastases of Breast Cancer. Frontiers in Oncology, 2021, 11, 752331.	2.8	5
11	Social experience and sex-dependent regulation of aggression in the lateral septum by extrasynaptic Î´GABAA receptors. Psychopharmacology, 2020, 237, 329-344.	3.1	13
12	Light Pollution and Cancer. International Journal of Molecular Sciences, 2020, 21, 9360.	4.1	63
13	The Excitatory Effects of GABA within the Suprachiasmatic Nucleus: Regulation of Na-K-2Cl Cotransporters (NKCCs) by Environmental Lighting Conditions. Journal of Biological Rhythms, 2020, 35, 275-286.	2.6	6
14	Circadian rhythm disruption and mental health. Translational Psychiatry, 2020, 10, 28.	4.8	422
15	Dim Light at Night Exposure Induces Cold Hyperalgesia and Mechanical Allodynia in Male Mice. Neuroscience, 2020, 434, 111-119.	2.3	17
16	Functional Significance of the Excitatory Effects of GABA in the Suprachiasmatic Nucleus. Journal of Biological Rhythms, 2018, 33, 376-387.	2.6	25
17	The dynamics of GABA signaling: Revelations from the circadian pacemaker in the suprachiasmatic nucleus. Frontiers in Neuroendocrinology, 2017, 44, 35-82.	5.2	83
18	Social housing and social isolation: Impact on stress indices and energy balance in male and female Syrian hamsters (Mesocricetus auratus). Physiology and Behavior, 2017, 177, 264-269.	2.1	33

#	Article	IF	Citations
19	Temporal Regulation of GABAA Receptor Subunit Expression: Role in Synaptic and Extrasynaptic Communication in the Suprachiasmatic Nucleus. ENeuro, 2017, 4, ENEURO.0352-16.2017.	1.9	18
20	Photoperiodic regulation of hippocampal neurogenesis in adult male whiteâ€footed mice (Peromyscus leucopus). European Journal of Neuroscience, 2014, 40, 2674-2679.	2.6	12
21	Neuronal nitric oxide synthase and NADPH oxidase interact to affect cognitive, affective, and social behaviors in mice. Behavioural Brain Research, 2013, 256, 320-327.	2.2	31
22	Evidence for feedback control of pineal melatonin secretion. Neuroscience Letters, 2013, 542, 123-125.	2.1	28
23	Exogenous melatonin reproduces the effects of short day lengths on hippocampal function in male white-footed mice, Peromyscus leucopus. Neuroscience, 2013, 248, 403-413.	2.3	15
24	Sleep deprivation attenuates endotoxin-induced cytokine gene expression independent of day length and circulating cortisol in male Siberian hamsters (Phodopus sungorus). Journal of Experimental Biology, 2013, 216, 2581-6.	1.7	16
25	Social regulatory functions of vasotocin and isotocin in fish. , 2013, , 75-96.		5
26	JNK3 Perpetuates Metabolic Stress Induced by AÎ² Peptides. Neuron, 2012, 75, 824-837.	8.1	197
27	Photoperiod and stress regulation of corticosteroid receptor, brain-derived neurotrophic factor, and glucose transporter GLUT3 mRNA in the hippocampus of male Siberian hamsters (Phodopus) Tj ETQq1 1 0.784314 rgBT /Overloc	2.3	10
28	Photoperiod alters fear responses and basolateral amygdala neuronal spine density in white-footed mice (Peromyscus leucopus). Behavioural Brain Research, 2012, 233, 345-350.	2.2	15
29	Sex-Dependent Behavioral Functions of the Purkinje Cell-Specific GÎ±i/o Binding Protein, Pcp2(L7). Cerebellum, 2012, 11, 982-1001.	2.5	10
30	Photoperiod Mediated Changes in Olfactory Bulb Neurogenesis and Olfactory Behavior in Male White-Footed Mice (Peromyscus leucopus). PLoS ONE, 2012, 7, e42743.	2.5	14
31	Short day lengths alter stress and depressive-like responses, and hippocampal morphology in Siberian hamsters. Hormones and Behavior, 2011, 60, 520-528.	2.1	45
32	Photoperiod-mediated impairment of long-term potention and learning and memory in male white-footed mice. Neuroscience, 2011, 175, 127-132.	2.3	39
33	Dim light at night provokes depression-like behaviors and reduces CA1 dendritic spine density in female hamsters. Psychoneuroendocrinology, 2011, 36, 1062-1069.	2.7	135
34	Influence of photoperiod on hormones, behavior, and immune function. Frontiers in Neuroendocrinology, 2011, 32, 303-319.	5.2	155
35	Chronic exposure to dim light at night suppresses immune responses in Siberian hamsters. Biology Letters, 2011, 7, 468-471.	2.3	152
36	Stress and IL-1Î² contribute to the development of depressive-like behavior following peripheral nerve injury. Molecular Psychiatry, 2010, 15, 404-414.	7.9	178

#	Article	IF	Citations
37	Light at night increases body mass by shifting the time of food intake. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18664-18669.	7.1	618
38	Photoperiod modulates gut bacteria composition in male Siberian hamsters (Phodopus sungorus). Brain, Behavior, and Immunity, 2010, 24, 577-584.	4.1	68
39	Behavioral effects of hindbrain vasotocin in goldfish are seasonally variable but not sexually dimorphic. Neuropharmacology, 2010, 58, 126-134.	4.1	26
40	Estrous phase alters social behavior in a polygynous but not a monogamous Peromyscus species. Hormones and Behavior, 2010, 58, 193-199.	2.1	13
41	Vasotocin Immunoreactivity in Goldfish Brains: Characterizing Primitive Circuits Associated with Social Regulation. Brain, Behavior and Evolution, 2009, 73, 153-164.	1.7	27
42	Sleep deprivation attenuates inflammatory responses and ischemic cell death. Experimental Neurology, 2009, 218, 129-136.	4.1	52
43	Influence of light at night on murine anxiety- and depressive-like responses. Behavioural Brain Research, 2009, 205, 349-354.	2.2	176
44	A primitive social circuit: vasotocinâ€“substance P interactions modulate social behavior through a peripheral feedback mechanism in goldfish. European Journal of Neuroscience, 2008, 27, 2285-2293.	2.6	38
45	Sex-specific influences of vasopressin on human social communication. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7889-7894.	7.1	283
46	Peptide Effects on Social Behavior: Effects of Vasotocin and Isotocin on Social Approach Behavior in Male Goldfish (Carassius auratus).. Behavioral Neuroscience, 2004, 118, 620-626.	1.2	154
47	Visual sex discrimination in goldfish: seasonal, sexual, and androgenic influences. Hormones and Behavior, 2004, 46, 646-654.	2.1	18
48	Branchial Musculature of a Venerid Clam: Pharmacology, Distribution, and Innervation. Biological Bulletin, 2003, 204, 81-95.	1.8	34