

Irving Zucker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6430100/publications.pdf>

Version: 2024-02-01

45
papers

3,772
citations

279798

23
h-index

243625

44
g-index

45
all docs

45
docs citations

45
times ranked

4169
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex bias in neuroscience and biomedical research. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 565-572.	6.1	1,252
2	Female mice liberated for inclusion in neuroscience and biomedical research. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 40, 1-5.	6.1	557
3	Males still dominate animal studies. <i>Nature</i> , 2010, 465, 690-690.	27.8	364
4	Sex differences in pharmacokinetics predict adverse drug reactions in women. <i>Biology of Sex Differences</i> , 2020, 11, 32.	4.1	273
5	Sex inclusion in basic research drives discovery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5257-5258.	7.1	187
6	Seasonal Adaptations of Siberian Hamsters. II. Pattern of Change in Day Length Controls Annual Testicular and Body Weight Rhythms ¹ . <i>Biology of Reproduction</i> , 1995, 53, 116-125.	2.7	101
7	Testicular Responses to Melatonin are Altered by Lesions of the Suprachiasmatic Nuclei in Golden Hamsters. <i>Biology of Reproduction</i> , 1979, 21, 647-656.	2.7	85
8	Circadian rhythms of rat locomotor activity after lesions of the midbrain raphe nuclei. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1976, 109, 235-247.	1.6	60
9	Photoperiodic Regulation of Reproductive Development in White-footed Mice (<i>Peromyscus leucopus</i>). <i>Biology of Reproduction</i> , 1980, 22, 983-989.	2.7	57
10	Short photoperiods reduce winter energy requirements of the meadow vole, <i>Microtus pennsylvanicus</i> . <i>Physiology and Behavior</i> , 1983, 31, 699-702.	2.1	56
11	Sex differences in variability across timescales in BALB/c mice. <i>Biology of Sex Differences</i> , 2017, 8, 7.	4.1	56
12	Photoperiodic Regulation of the Testes of Adult White-footed Mice (<i>Peromyscus leucopus</i>). <i>Biology of Reproduction</i> , 1980, 23, 859-866.	2.7	53
13	Maternal and Early-Life Circadian Disruption Have Long-Lasting Negative Consequences on Offspring Development and Adult Behavior in Mice. <i>Scientific Reports</i> , 2017, 7, 3326.	3.3	49
14	Huddling, locomotor, and nest-building behaviors of furred and furless Siberian hamsters. <i>Physiology and Behavior</i> , 2003, 79, 247-256.	2.1	48
15	Day length and estradiol affect same-sex affiliative behavior in the female meadow vole. <i>Hormones and Behavior</i> , 2008, 54, 153-159.	2.1	44
16	Photoperiodic Influences on Gonadal Development and Maintenance in the Cotton Rat, <i>Sigmodon hispidus</i> . <i>Biology of Reproduction</i> , 1979, 21, 1-8.	2.7	40
17	Detection of Successful and Unsuccessful Pregnancies in Mice within Hours of Pairing through Frequency Analysis of High Temporal Resolution Core Body Temperature Data. <i>PLoS ONE</i> , 2016, 11, e0160127.	2.5	40
18	Same-sex social behavior in meadow voles: Multiple and rapid formation of attachments. <i>Physiology and Behavior</i> , 2009, 97, 52-57.	2.1	39

#	ARTICLE	IF	CITATIONS
19	Dissociation of Ultradian and Circadian Phenotypes in Female and Male Siberian Hamsters. <i>Journal of Biological Rhythms</i> , 2012, 27, 287-298.	2.6	32
20	Gonadal Growth and Hormone Concentrations in Photoregressed Siberian Hamsters: Pinealectomy Versus Photostimulation1. <i>Biology of Reproduction</i> , 1994, 51, 1046-1050.	2.7	31
21	Ultradian rhythms in mammalian physiology and behavior. <i>Current Opinion in Neurobiology</i> , 2016, 40, 150-154.	4.2	29
22	Effects of Pinealectomy and Short Day Lengths on Reproduction and Neuronal RFRP-3, Kisspeptin, and GnRH in Female Turkish Hamsters. <i>Journal of Biological Rhythms</i> , 2014, 29, 181-191.	2.6	28
23	Post-castration retention of reproductive behavior and olfactory preferences in male Siberian hamsters: Role of prior experience. <i>Hormones and Behavior</i> , 2007, 51, 149-155.	2.1	27
24	Prolactin counteracts effects of short day lengths on pelage growth in the meadow vole, <i>Microtus pennsylvanicus</i> . <i>The Journal of Experimental Zoology</i> , 1990, 253, 186-188.	1.4	26
25	Enhancement and Suppression of Ultradian and Circadian Rhythms across the Female Hamster Reproductive Cycle. <i>Journal of Biological Rhythms</i> , 2012, 27, 246-256.	2.6	24
26	Long-term persistence of male copulatory behavior in castrated and photo-inhibited Siberian hamsters. <i>Hormones and Behavior</i> , 2004, 45, 214-221.	2.1	23
27	Energy intake and fur in summer- and winter-acclimated Siberian hamsters (<i>Phodopus</i>). <i>Journal of Experimental Zoology</i> , 2001, 281, R519-R527.	1.8	21
28	Photoperiodic Inhibition of Testicular Development is Mediated by the Pineal Gland in White-Footed Mice. <i>Biology of Reproduction</i> , 1982, 26, 597-602.	2.7	20
29	Environmental modulation of same-sex affiliative behavior in female meadow voles (<i>Microtus</i>). <i>Journal of Experimental Zoology</i> , 2001, 281, R519-R527.	2.1	19
30	Risk mitigation for children exposed to drugs during gestation: A critical role for animal preclinical behavioral testing. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 77, 107-121.	6.1	18
31	Pervasive Neglect of Sex Differences in Biomedical Research. <i>Cold Spring Harbor Perspectives in Biology</i> , 2021, , a039156.	5.5	16
32	Hypoglycemia and torpor in Siberian hamsters. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 276, R776-R781.	1.8	14
33	Seasonal Variations in Plasma Luteinizing Hormone Levels of Gonadectomized Male Ground Squirrels (<i>Spermophilus lateralis</i>). <i>Biology of Reproduction</i> , 1983, 29, 278-285.	2.7	13
34	Circadian Disruption Alters the Effects of Lipopolysaccharide Treatment on Circadian and Ultradian Locomotor Activity and Body Temperature Rhythms of Female Siberian Hamsters. <i>Journal of Biological Rhythms</i> , 2015, 30, 543-556.	2.6	13
35	Male and female mice show equal variability in food intake across 4-day spans that encompass estrous cycles. <i>PLoS ONE</i> , 2019, 14, e0218935.	2.5	13
36	Androgens exert opposite effects on body mass of heavy and light meadow voles. <i>Hormones and Behavior</i> , 1987, 21, 471-477.	2.1	10

#	ARTICLE	IF	CITATIONS
37	Pregnancy-induced changes in ultradian rhythms persist in circadian arrhythmic Siberian hamsters. <i>Hormones and Behavior</i> , 2014, 66, 228-237.	2.1	7
38	Suppression of Oestrous Behaviour in the Immature Male Rat. <i>Nature</i> , 1967, 216, 88-89.	27.8	6
39	Psychoactive drug exposure during breastfeeding: a critical need for preclinical behavioral testing. <i>Psychopharmacology</i> , 2018, 235, 1335-1346.	3.1	6
40	Role of area postrema in control of torpor in Siberian hamsters. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 279, R591-R598.	1.8	5
41	Dorsomedial Hypothalamic Lesions Counteract Decreases in Locomotor Activity in Male Syrian Hamsters Transferred from Long to Short Day Lengths. <i>Journal of Biological Rhythms</i> , 2015, 30, 42-52.	2.6	4
42	Studying Sex as a Biological Variable: Is a New Day Dawning?. <i>Journal of Women's Health</i> , 2019, 28, 1-2.	3.3	3
43	Social Behavior: Developmental Timing Defies Puberty. <i>Current Biology</i> , 2018, 28, R553-R555.	3.9	2
44	Spontaneous Recovery of Circadian Organization in Mice Lacking a Core Component of the Molecular Clockwork. <i>Journal of Biological Rhythms</i> , 2022, 37, 94-109.	2.6	1
45	Estradiol phase shifts circannual body mass rhythms of male ground squirrels. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 274, R754-R759.	1.8	0