Irving Zucker

List of Publications by Year
in descending order

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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	Spontaneous Recovery of Circadian Organization in Mice Lacking a Core Component of the Molecular Clockwork. Journal of Biological Rhythms, 2022, 37, 94-109.	2.6	1
2	Pervasive Neglect of Sex Differences in Biomedical Research. Cold Spring Harbor Perspectives in Biology, 2021, , a039156.	5.5	16
3	Sex differences in pharmacokinetics predict adverse drug reactions in women. Biology of Sex Differences, 2020, 11, 32.	4.1	273
4	Male and female mice show equal variability in food intake across 4-day spans that encompass estrous cycles. PLoS ONE, 2019, 14, e0218935.	2.5	13
5	Studying Sex as a Biological Variable: Is a New Day Dawning?. Journal of Women's Health, 2019, 28, 1-2.	3.3	3
6	Psychoactive drug exposure during breastfeeding: a critical need for preclinical behavioral testing. Psychopharmacology, 2018, 235, 1335-1346.	3.1	6
7	Social Behavior: Developmental Timing Defies Puberty. Current Biology, 2018, 28, R553-R555.	3.9	2
8	Sex differences in variability across timescales in BALB/c mice. Biology of Sex Differences, 2017, 8, 7.	4.1	56
9	Maternal and Early-Life Circadian Disruption Have Long-Lasting Negative Consequences on Offspring Development and Adult Behavior in Mice. Scientific Reports, 2017, 7, 3326.	3.3	49
10	Risk mitigation for children exposed to drugs during gestation: A critical role for animal preclinical behavioral testing. Neuroscience and Biobehavioral Reviews, 2017, 77, 107-121.	6.1	18
11	Ultradian rhythms in mammalian physiology and behavior. Current Opinion in Neurobiology, 2016, 40, 150-154.	4.2	29
12	Detection of Successful and Unsuccessful Pregnancies in Mice within Hours of Pairing through Frequency Analysis of High Temporal Resolution Core Body Temperature Data. PLoS ONE, 2016, 11, e0160127.	2.5	40
13	Circadian Disruption Alters the Effects of Lipopolysaccharide Treatment on Circadian and Ultradian Locomotor Activity and Body Temperature Rhythms of Female Siberian Hamsters. Journal of Biological Rhythms, 2015, 30, 543-556.	2.6	13
14	Dorsomedial Hypothalamic Lesions Counteract Decreases in Locomotor Activity in Male Syrian Hamsters Transferred from Long to Short Day Lengths. Journal of Biological Rhythms, 2015, 30, 42-52.	2.6	4
15	Sex inclusion in basic research drives discovery. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5257-5258.	7.1	187
16	Environmental modulation of same-sex affiliative behavior in female meadow voles (Microtus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	2.1	19
17	Effects of Pinealectomy and Short Day Lengths on Reproduction and Neuronal RFRP-3, Kisspeptin, and GnRH in Female Turkish Hamsters. Journal of Biological Rhythms, 2014, 29, 181-191.	2.6	28
18	Female mice liberated for inclusion in neuroscience and biomedical research. Neuroscience and Biobehavioral Reviews, 2014, 40, 1-5.	6.1	557

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19	Pregnancy-induced changes in ultradian rhythms persist in circadian arrhythmic Siberian hamsters. Hormones and Behavior, 2014, 66, 228-237.	2.1	7
20	Dissociation of Ultradian and Circadian Phenotypes in Female and Male Siberian Hamsters. Journal of Biological Rhythms, 2012, 27, 287-298.	2.6	32
21	Enhancement and Suppression of Ultradian and Circadian Rhythms across the Female Hamster Reproductive Cycle. Journal of Biological Rhythms, 2012, 27, 246-256.	2.6	24
22	Sex bias in neuroscience and biomedical research. Neuroscience and Biobehavioral Reviews, 2011, 35, 565-572.	6.1	1,252
23	Males still dominate animal studies. Nature, 2010, 465, 690-690.	27.8	364
24	Same-sex social behavior in meadow voles: Multiple and rapid formation of attachments. Physiology and Behavior, 2009, 97, 52-57.	2.1	39
25	Day length and estradiol affect same-sex affiliative behavior in the female meadow vole. Hormones and Behavior, 2008, 54, 153-159.	2.1	44
26	Post-castration retention of reproductive behavior and olfactory preferences in male Siberian hamsters: Role of prior experience. Hormones and Behavior, 2007, 51, 149-155.	2.1	27
27	Long-term persistence of male copulatory behavior in castrated and photo-inhibited Siberian hamsters. Hormones and Behavior, 2004, 45, 214-221.	2.1	23
28	Huddling, locomotor, and nest-building behaviors of furred and furless Siberian hamsters. Physiology and Behavior, 2003, 79, 247-256.	2.1	48
29	Energy intake and fur in summer- and winter-acclimated Siberian hamsters (<i>Phodopus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2001, 281, R519-R527.	1.8	21
30	Role of area postrema in control of torpor in Siberian hamsters. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R591-R598.	1.8	5
31	Hypoglycemia and torpor in Siberian hamsters. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R776-R781.	1.8	14
32	Estradiol phase shifts circannual body mass rhythms of male ground squirrels. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 274, R754-R759.	1.8	0
33	Seasonal Adaptations of Siberian Hamsters. II. Pattern of Change in Day Length Controls Annual Testicular and Body Weight Rhythms1. Biology of Reproduction, 1995, 53, 116-125.	2.7	101
34	Gonadal Growth and Hormone Concentrations in Photoregressed Siberian Hamsters: Pinealectomy Versus Photostimulation1. Biology of Reproduction, 1994, 51, 1046-1050.	2.7	31
35	Prolactin counteracts effects of short day lengths on pelage growth in the meadow vole,Microtus pennsylvanicus. The Journal of Experimental Zoology, 1990, 253, 186-188.	1.4	26
36	Androgens exert opposite effects on body mass of heavy and light meadow voles. Hormones and Behavior, 1987, 21, 471-477.	2.1	10

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37	Short photoperiods reduce winter energy requirements of the meadow vole, Microtus pennsylvanicus. Physiology and Behavior, 1983, 31, 699-702.	2.1	56
38	Seasonal Variations in Plasma Luteinizing Hormone Levels of Gonadectomized Male Ground Squirrels (Spermophilus lateralis). Biology of Reproduction, 1983, 29, 278-285.	2.7	13
39	Photoperiodic Inhibition of Testicular Development is Mediated by the Pineal Gland in White-Footed Mice. Biology of Reproduction, 1982, 26, 597-602.	2.7	20
40	Photoperiodic Regulation of Reproductive Development in White-footed Mice (Peromyscus leucopus). Biology of Reproduction, 1980, 22, 983-989.	2.7	57
41	Photoperiodic Regulation of the Testes of Adult White-footed Mice (Peromyscus leucopus). Biology of Reproduction, 1980, 23, 859-866.	2.7	53
42	Testicular Responses to Melatonin are Altered by Lesions of the Suprachiasmatic Nuclei in Golden Hamsters. Biology of Reproduction, 1979, 21, 647-656.	2.7	85
43	Photoperiodic Influences on Gonadal Development and Maintenance in the Cotton Rat, Sigmodon hispidus. Biology of Reproduction, 1979, 21, 1-8.	2.7	40
44	Circadian rhythms of rat locomotor activity after lesions of the midbrain raphe nuclei. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1976, 109, 235-247.	1.6	60
45	Suppression of Oestrous Behaviour in the Immature Male Rat. Nature, 1967, 216, 88-89.	27.8	6