

# Gregory E Demas

## List of Publications by Year in descending order

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150  
papers

8,024  
citations

38720

50  
h-index

54882

84  
g-index

152  
all docs

152  
docs citations

152  
times ranked

6121  
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavioural abnormalities in male mice lacking neuronal nitric oxide synthase. <i>Nature</i> , 1995, 378, 383-386.	13.7	606
2	Seasonal Changes in Immune Function. <i>Quarterly Review of Biology</i> , 1996, 71, 511-548.	0.0	451
3	Beyond phytohaemagglutinin: assessing vertebrate immune function across ecological contexts. <i>Journal of Animal Ecology</i> , 2011, 80, 710-730.	1.3	255
4	Metabolic costs of mounting an antigen-stimulated immune response in adult and aged C57BL/6J mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1997, 273, R1631-R1637.	0.9	211
5	Nitric Oxide-Dependent Penile Erection in Mice Lacking Neuronal Nitric Oxide Synthase. <i>Molecular Medicine</i> , 1996, 2, 288-296.	1.9	206
6	The energetics of immunity: a neuroendocrine link between energy balance and immune function. <i>Hormones and Behavior</i> , 2004, 45, 173-180.	1.0	195
7	Novel mechanisms for neuroendocrine regulation of aggression. <i>Frontiers in Neuroendocrinology</i> , 2008, 29, 476-489.	2.5	195
8	Seasonal Changes in Adiposity: the Roles of the Photoperiod, Melatonin and Other Hormones, and Sympathetic Nervous System. <i>Experimental Biology and Medicine</i> , 2002, 227, 363-376.	1.1	182
9	Environmental Control of Kisspeptin: Implications for Seasonal Reproduction. <i>Endocrinology</i> , 2007, 148, 1158-1166.	1.4	179
10	Short-Day Increases in Aggression Are Inversely Related to Circulating Testosterone Concentrations in Male Siberian Hamsters ( <i>Phodopus sungorus</i> ). <i>Hormones and Behavior</i> , 2000, 38, 102-110.	1.0	148
11	Stroke in Estrogen Receptor-Deficient Mice. <i>Stroke</i> , 2000, 31, 738-744.	1.0	139
12	Minireview The influence of season, photoperiod, and pineal melatonin on immune function. <i>Journal of Pineal Research</i> , 1995, 19, 149-165.	3.4	132
13	Human disturbance alters endocrine and immune responses in the Galapagos marine iguana ( <i>Amblyrhynchus cristatus</i> ). <i>Hormones and Behavior</i> , 2010, 58, 792-799.	1.0	132
14	Reductions in total body fat decrease humoral immunity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 905-911.	1.2	123
15	Spatial memory deficits in segmental trisomic Ts65Dn mice. <i>Behavioural Brain Research</i> , 1996, 82, 85-92.	1.2	117
16	Ejaculatory abnormalities in mice with targeted disruption of the gene for heme oxygenase-2. <i>Nature Medicine</i> , 1998, 4, 84-87.	15.2	113
17	Behavioral and physiological responses to experimentally elevated testosterone in female dark-eyed juncos ( <i>Junco hyemalis carolinensis</i> ). <i>Hormones and Behavior</i> , 2006, 50, 200-207.	1.0	112
18	Photoperiod and Temperature Interact to Affect Immune Parameters in Adult Male Deer Mice. <i>Journal of Biological Rhythms</i> , 1996, 11, 94-102.	1.4	111

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19	Photoperiod, Ambient Temperature, and Food Availability Interact to Affect Reproductive and Immune Function in Adult Male Deer Mice ( <i>Peromyscus maniculatus</i> ). <i>Journal of Biological Rhythms</i> , 1998, 13, 253-262.	1.4	110
20	DHEA effects on brain and behavior: Insights from comparative studies of aggression. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 145, 261-272.	1.2	105
21	Ecological immunology: The organism in context. <i>Integrative and Comparative Biology</i> , 2009, 49, 246-253.	0.9	104
22	Elimination of Aggressive Behavior in Male Mice Lacking Endothelial Nitric Oxide Synthase. <i>Journal of Neuroscience</i> , 1999, 19, RC30-RC30.	1.7	101
23	Impaired spatial working and reference memory in segmental trisomy (Ts65Dn) mice. <i>Behavioural Brain Research</i> , 1998, 90, 199-201.	1.2	95
24	Inhibition of Neuronal Nitric Oxide Synthase Increases Aggressive Behavior in Mice. <i>Molecular Medicine</i> , 1997, 3, 610-616.	1.9	94
25	Role of Melatonin in Mediating Seasonal Energetic and Immunologic Adaptations. <i>Brain Research Bulletin</i> , 1997, 44, 423-430.	1.4	93
26	Short Days and Exogenous Melatonin Increase Aggression of Male Syrian Hamsters ( <i>Mesocricetus</i> ). <i>Journal of Neuroendocrinology</i> , 1997, 19, 107-112.	1.0	92
27	Neuroendocrine-immune crosstalk in vertebrates and invertebrates: implications for host defence. <i>Functional Ecology</i> , 2011, 25, 29-39.	1.7	92
28	A gut feeling: Microbiome-brain-immune interactions modulate social and affective behaviors. <i>Hormones and Behavior</i> , 2018, 99, 41-49.	1.0	91
29	Adrenal hormones mediate melatonin-induced increases in aggression in male Siberian hamsters ( <i>Phodopus sungorus</i> ). <i>Hormones and Behavior</i> , 2004, 46, 582-591.	1.0	86
30	Nocturnal motor coordination deficits in neuronal nitric oxide synthase knock-out mice. <i>Neuroscience</i> , 1999, 89, 311-315.	1.1	85
31	Ejaculatory Abnormalities in Mice Lacking the Gene for Endothelial Nitric Oxide Synthase (eNOS <sup>-/-</sup> ). <i>Physiology and Behavior</i> , 1999, 67, 561-566.	1.0	81
32	Leptin Effects on Immune Function and Energy Balance Are Photoperiod Dependent in Siberian Hamsters ( <i>Phodopus sungorus</i> ). <i>Endocrinology</i> , 2001, 142, 2768-2775.	1.4	78
33	Suppression of kisspeptin expression and gonadotropic axis sensitivity following exposure to inhibitory day lengths in female Siberian hamsters. <i>Hormones and Behavior</i> , 2007, 52, 492-498.	1.0	77
34	Maternal Contact Differentially Modulates Central and Peripheral Oxytocin in Rat Pups During a Brief Regime of Mother-Pup Interaction that Induces a Filial Huddling Preference. <i>Journal of Neuroendocrinology</i> , 2012, 24, 831-840.	1.2	77
35	Exogenous Melatonin Enhances Cell-Mediated, but Not Humoral, Immune Function in Adult Male Deer Mice ( <i>Peromyscus maniculatus</i> ). <i>Journal of Biological Rhythms</i> , 1998, 13, 245-252.	1.4	73
36	Neuroendocrine-immune circuits, phenotypes, and interactions. <i>Hormones and Behavior</i> , 2017, 87, 25-34.	1.0	70

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37	Castration Does Not Inhibit Aggressive Behavior in Adult Male Prairie Voles ( <i>Microtus ochrogaster</i> ). <i>Physiology and Behavior</i> , 1999, 66, 59-62.	1.0	69
38	Food supplementation and testosterone interact to influence reproductive behavior and immune function in <i>Sceloporus graciosus</i> . <i>Hormones and Behavior</i> , 2010, 57, 134-139.	1.0	69
39	Vasopressin cell groups exhibit strongly divergent responses to copulation and male-male interactions in mice. <i>Hormones and Behavior</i> , 2010, 58, 368-377.	1.0	69
40	Leptin, a neuroendocrine mediator of immune responses, inflammation, and sickness behaviors. <i>Hormones and Behavior</i> , 2012, 62, 272-279.	1.0	69
41	Acute and Chronic Social Defeat Suppresses Humoral Immunity of Male Syrian Hamsters ( <i>Mesocricetus</i> ) <i>Tj ETQq1 1,0,784314.rgBT /Overlock 10 Tf 50 54</i>	1.0	62
42	Short-day enhancement of immune function is independent of steroid hormones in deer mice ( <i>Peromyscus maniculatus</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54</i> <i>Environmental Physiology</i> , 1998, 168, 419-426.	0.7	60
43	Sex-specific modulation of the gut microbiome and behavior in Siberian hamsters. <i>Brain, Behavior, and Immunity</i> , 2017, 60, 51-62.	2.0	59
44	Melatonin, immunity and cost of reproductive state in male European starlings. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 1191-1195.	1.2	57
45	Leptin regulates energetic tradeoffs between body fat and humoral immunity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 1845-1850.	1.2	57
46	Short-day increases in aggression are independent of circulating gonadal steroids in female Siberian hamsters ( <i>Phodopus sungorus</i> ). <i>Hormones and Behavior</i> , 2007, 52, 183-190.	1.0	56
47	Reproductive and immune responses to photoperiod and melatonin are linked in <i>Peromyscus</i> subspecies. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1996, 179, 819-825.	0.7	55
48	Pleiotropic contributions of nitric oxide to aggressive behavior. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 346-355.	2.9	55
49	Diet quality affects egg size and number but does not reduce maternal antibody transmission in Japanese quail <i>Coturnix japonica</i> . <i>Journal of Animal Ecology</i> , 2005, 74, 1051-1058.	1.3	54
50	Photoperiod and Testosterone Interact to Drive Seasonal Changes in Kisspeptin Expression in Siberian Hamsters ( <i>Phodopus sungorus</i> ). <i>Journal of Neuroendocrinology</i> , 2008, 20, 1339-1347.	1.2	53
51	Leptin as a Physiological Mediator of Energetic Trade-Offs in Ecoimmunology: Implications for Disease. <i>Integrative and Comparative Biology</i> , 2011, 51, 505-513.	0.9	51
52	The agonistic adrenal: melatonin elicits female aggression via regulation of adrenal androgens. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20152080.	1.2	48
53	Neurobehavioral deficits in mice lacking the erythrocyte membrane cytoskeletal protein 4.1. <i>Current Biology</i> , 1998, 8, 1269-S1.	1.8	47
54	The role of androgens in the mediation of seasonal territorial aggression in male Siberian hamsters ( <i>Phodopus sungorus</i> ). <i>Physiology and Behavior</i> , 2008, 95, 633-640.	1.0	46

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55	Photoperiod and food restriction differentially affect reproductive and immune responses in Siberian hamsters <i>Phodopus sungorus</i> . <i>Functional Ecology</i> , 2009, 23, 979-988.	1.7	46
56	Examining sources of variation in HPG axis function among individuals and populations of the dark-eyed junco. <i>Hormones and Behavior</i> , 2014, 65, 179-187.	1.0	46
57	Ecoimmunology for psychoneuroimmunologists: Considering context in neuroendocrine-immune-behavior interactions. <i>Brain, Behavior, and Immunity</i> , 2015, 44, 9-16.	2.0	44
58	Photoperiodic Mediation of Seasonal Breeding and Immune Function In Rodents: A Multi-Factorial Approach. <i>American Zoologist</i> , 1998, 38, 226-237.	0.7	40
59	Direct innervation of white fat and adrenal medullary catecholamines mediate photoperiodic changes in body fat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 281, R1499-R1505.	0.9	37
60	Photoperiodic regulation of gene expression in brown and white adipose tissue of Siberian hamsters ( <i>Phodopus sungorus</i> ). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002, 282, R114-R121.	0.9	37
61	Exogenous kisspeptin does not alter photoperiod-induced gonadal regression in Siberian hamsters ( <i>Phodopus sungorus</i> ). <i>General and Comparative Endocrinology</i> , 2008, 156, 552-558.	0.8	37
62	Gonadal hormones modulate the display of submissive behavior in socially defeated female Syrian hamsters. <i>Hormones and Behavior</i> , 2005, 47, 569-575.	1.0	35
63	Maternal immune activation affects litter success, size and neuroendocrine responses related to behavior in adult offspring. <i>Physiology and Behavior</i> , 2013, 119, 175-184.	1.0	35
64	Neural Androgen Synthesis and Aggression: Insights From a Seasonally Breeding Rodent. <i>Frontiers in Endocrinology</i> , 2018, 9, 136.	1.5	35
65	Metabolic stress suppresses humoral immune function in long-day, but not short-day, Siberian hamsters ( <i>Phodopus sungorus</i> ). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2007, 177, 339-347.	0.7	34
66	Recent advances in reproductive neuroendocrinology: a role for RFamide peptides in seasonal reproduction?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1943-1951.	1.2	34
67	Incubation Environment Affects Immune System Development in a Turtle with Environmental Sex Determination. <i>Journal of Herpetology</i> , 2008, 42, 536-541.	0.2	33
68	Leptin increases maternal investment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 4003-4011.	1.2	33
69	Social isolation disrupts innate immune responses in both male and female prairie voles and enhances agonistic behavior in female prairie voles ( <i>Microtus ochrogaster</i> ). <i>Hormones and Behavior</i> , 2015, 70, 7-13.	1.0	32
70	Sexual activity modulates shifts in $\text{TH1/TH2}$ cytokine profile across the menstrual cycle: an observational study. <i>Fertility and Sterility</i> , 2015, 104, 1513-1521.e4.	0.5	32
71	Evidence for spatial working memory in honeybees ( <i>Apis mellifera</i> ).. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 1994, 108, 344-352.	0.3	31
72	Social interactions differentially affect reproductive and immune responses of Siberian hamsters. <i>Physiology and Behavior</i> , 2004, 83, 73-79.	1.0	31

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73	Aggressive encounters differentially affect serum dehydroepiandrosterone and testosterone concentrations in male Siberian hamsters ( <i>Phodopus sungorus</i> ). <i>Hormones and Behavior</i> , 2009, 56, 376-381.	1.0	30
74	Aggressive behaviours track transitions in seasonal phenotypes of female Siberian hamsters. <i>Functional Ecology</i> , 2017, 31, 1071-1081.	1.7	30
75	Circadian Locomotor Analysis of Male Mice Lacking the Gene for Neuronal Nitric Oxide Synthase (nNOS). <i>Journal of Biological Rhythms</i> , 1999, 14, 20-27.	1.4	29
76	Social, but Not Photoperiodic, Influences on Reproductive Function in Male <i>Peromyscus aztecus</i> 1. <i>Biology of Reproduction</i> , 1998, 58, 385-389.	1.2	28
77	Short-day aggression is independent of changes in cortisol or glucocorticoid receptors in male Siberian hamsters ( <i>Phodopus sungorus</i> ). <i>Journal of Experimental Zoology</i> , 2015, 323, 331-342.	1.2	25
78	Vocal behaviour during aggressive encounters between Siberian hamsters, <i>Phodopus sungorus</i> . <i>Animal Behaviour</i> , 2015, 102, 85-93.	0.8	25
79	Honey bees are predisposed to win-shift but can learn to win-stay. <i>Animal Behaviour</i> , 1995, 50, 1041-1045.	0.8	24
80	Novel method for localized, functional sympathetic nervous system denervation of peripheral tissue using guanethidine. <i>Journal of Neuroscience Methods</i> , 2001, 112, 21-28.	1.3	24
81	Stress affects corticosteroid and immunoglobulin concentrations in male house mice ( <i>Mus</i> ). <i>Comparative Physiology</i> , 1997, 118, 655-663.	0.7	23
82	Social interactions differentially affect reproductive and immune responses of Siberian hamsters. <i>Physiology and Behavior</i> , 2004, 83, 73-9.	1.0	23
83	Splenic Denervation Blocks Leptin-Induced Enhancement of Humoral Immunity in Siberian Hamsters ( <i>Phodopus sungorus</i> ). <i>Neuroendocrinology</i> , 2002, 76, 178-184.	1.2	22
84	Exposure to short days, but not short-term melatonin, enhances humoral immunity of male Syrian hamsters ( <i>Mesocricetus auratus</i> ). <i>Journal of Pineal Research</i> , 2002, 33, 118-124.	3.4	22
85	Brain mast cells are influenced by chemosensory cues associated with estrus induction in female prairie voles ( <i>Microtus ochrogaster</i> ). <i>Hormones and Behavior</i> , 2003, 44, 377-384.	1.0	22
86	Vocalizations convey sex, seasonal phenotype, and aggression in a seasonal mammal. <i>Physiology and Behavior</i> , 2015, 152, 143-150.	1.0	22
87	Photoperiod modulates the gut microbiome and aggressive behavior in Siberian hamsters. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	22
88	Leptin Effects on Immune Function and Energy Balance Are Photoperiod Dependent in Siberian Hamsters ( <i>Phodopus sungorus</i> ). , 0, .		22
89	Associations between innate immune function and ectoparasites in wild rodent hosts. <i>Parasitology Research</i> , 2013, 112, 1763-1770.	0.6	21
90	Melatonin mediates seasonal transitions in aggressive behavior and circulating androgen profiles in male Siberian hamsters. <i>Hormones and Behavior</i> , 2020, 117, 104608.	1.0	21

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91	Chemical sympathectomy reduces peripheral inflammatory responses to acute and chronic sleep fragmentation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R781-R789.	0.9	21
92	Bi-directional actions of dehydroepiandrosterone and aggression in female Siberian hamsters. <i>Journal of Experimental Zoology</i> , 2016, 325, 116-121.	1.2	20
93	Metabolic stressors and signals differentially affect energy allocation between reproduction and immune function. <i>General and Comparative Endocrinology</i> , 2014, 208, 21-29.	0.8	19
94	Seasonal Patterns of Stress, Disease, and Sickness Responses. <i>Current Directions in Psychological Science</i> , 2004, 13, 198-201.	2.8	18
95	Social defeat differentially affects immune responses in Siberian hamsters ( <i>Phodopus sungorus</i> ). <i>Physiology and Behavior</i> , 2010, 101, 53-58.	1.0	18
96	Photoperiod-dependent effects of neuronal nitric oxide synthase inhibition on aggression in Siberian hamsters. <i>Hormones and Behavior</i> , 2012, 61, 176-180.	1.0	18
97	Interaction of menstrual cycle phase and sexual activity predicts mucosal and systemic humoral immunity in healthy women. <i>Physiology and Behavior</i> , 2015, 152, 92-98.	1.0	18
98	Partnered sexual activity moderates menstrual cycle-related changes in inflammation markers in healthy women: an exploratory observational study. <i>Fertility and Sterility</i> , 2017, 107, 763-773.e3.	0.5	18
99	Photoperiod modulates the effects of norepinephrine on lymphocyte proliferation in Siberian hamsters. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003, 285, R873-R879.	0.9	17
100	Female mice respond differently to costly foraging <i>versus</i> food restriction. <i>Journal of Experimental Biology</i> , 2008, 211, 2214-2223.	0.8	16
101	Interactions Among Sexual Activity, Menstrual Cycle Phase, and Immune Function in Healthy Women. <i>Journal of Sex Research</i> , 2018, 55, 1087-1095.	1.6	16
102	The call of the wild: using non-model systems to investigate microbiome-behaviour relationships. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	16
103	Exogenous insulin enhances humoral immune responses in short-day, but not long-day, Siberian hamsters ( <i>Phodopus sungorus</i> ). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2211-2218.	1.2	14
104	Body mass affects seasonal variation in sickness intensity in a seasonally-breeding rodent. <i>Journal of Experimental Biology</i> , 2015, 218, 1667-76.	0.8	14
105	Food as a supplementary cue triggers seasonal changes in aggression, but not reproduction, in Siberian hamsters. <i>Physiology and Behavior</i> , 2016, 167, 298-308.	1.0	14
106	Response to exogenous kisspeptin varies according to sex and reproductive condition in Siberian hamsters ( <i>Phodopus sungorus</i> ). <i>General and Comparative Endocrinology</i> , 2011, 170, 172-179.	0.8	13
107	Testosterone and immune-reproductive tradeoffs in healthy women. <i>Hormones and Behavior</i> , 2017, 88, 122-130.	1.0	13
108	Early-life sickness may predispose Siberian hamsters to behavioral changes following alterations of the gut microbiome in adulthood. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 571-583.	2.0	12

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109	Effects of Food Deprivation and Metabolic Fuel Utilization on Food Hoarding by Jirds (Meriones) Tj ETQq1 1 0.784314 rgBT /Qyerlock 10	1.0	11
110	A Return to Wisdom: Using Sickness Behaviors to Integrate Ecological and Translational Research. Integrative and Comparative Biology, 2017, 57, 1204-1213.	0.9	11
111	Melatoninâ€dependent changes in neurosteroids are associated with increased aggression in a seasonally breeding rodent. Journal of Neuroendocrinology, 2021, 33, e12940.	1.2	11
112	Winter madness: Melatonin as a neuroendocrine regulator of seasonal aggression. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2022, 337, 873-889.	0.9	11
113	Leptin mediates seasonal variation in some but not all symptoms of sickness in Siberian hamsters. Hormones and Behavior, 2014, 66, 802-811.	1.0	10
114	Photoperiod and aggression induce changes in ventral gland compounds exclusively in male Siberian hamsters. Hormones and Behavior, 2016, 81, 1-11.	1.0	10
115	Studies of Food Intake: Lessons from Nontraditionally Studied Species. , 2004, , 423-467.		9
116	Glucose and insulin modulate sickness responses in male Siberian hamsters. General and Comparative Endocrinology, 2017, 242, 83-91.	0.8	9
117	Overcoming neonatal sickness: Sex-specific effects of sickness on physiology and social behavior. Physiology and Behavior, 2017, 179, 324-332.	1.0	9
118	Acute intraperitoneal lipopolysaccharide influences the immune system in the absence of gut dysbiosis. Physiological Reports, 2018, 6, e13639.	0.7	9
119	Aggressive Behavior. , 2018, , 242-247.		9
120	Maternal stress and the maternal microbiome have sex-specific effects on offspring development and aggressive behavior in Siberian hamsters (Phodopus sungorus). Hormones and Behavior, 2022, 141, 105146.	1.0	9
121	Wheel-Running Activity Patterns of Five Species of Desert Rodents. Biological Rhythm Research, 2001, 32, 1-16.	0.4	8
122	Physiological predictors of leptin vary during menses and ovulation in healthy women. Reproductive Biology, 2018, 18, 132-136.	0.9	8
123	Hormonal Correlates of Exploratory and Play-Soliciting Behavior in Domestic Dogs. Frontiers in Psychology, 2018, 9, 1559.	1.1	8
124	Seasonal patterns of melatonin alter aggressive phenotypes of female Siberian hamsters. Journal of Neuroendocrinology, 2020, 32, e12894.	1.2	8
125	Adrenal MT1 melatonin receptor expression is linked with seasonal variation in social behavior in male Siberian hamsters. Hormones and Behavior, 2022, 138, 105099.	1.0	8
126	Experimentally induced sickness decreases food intake, but not hoarding, in Siberian hamsters (Phodopus sungorus). Behavioural Processes, 2008, 79, 195-198.	0.5	7



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127	In vivo but not in vitro leptin enhances lymphocyte proliferation in Siberian hamsters ( <i>Phodopus</i> ) Tj ETQq1 1 0.784314 rgBT / Overlock	0.8	7
128	Urinary volatile compounds differ across reproductive phenotypes and following aggression in male Siberian hamsters. <i>Physiology and Behavior</i> , 2016, 164, 58-67.	1.0	7
129	Trade-offs between reproductive coloration and innate immunity in a natural population of female sagebrush lizards. <i>Herpetological Journal</i> , 2011, 21, 131-134.	0.3	7
130	Exogenous kisspeptin enhances seasonal reproductive function in male Siberian hamsters. <i>Functional Ecology</i> , 2017, 31, 1220-1230.	1.7	6
131	Reproductive response to photoperiod affects corticosterone and immunoglobulin G concentrations in prairie voles ( <i>Microtus ochrogaster</i> ). <i>Canadian Journal of Zoology</i> , 1996, 74, 576-581.	0.4	5
132	Maternal antibiotics disrupt microbiome, behavior, and temperature regulation in unexposed infant mice. <i>Developmental Psychobiology</i> , 2022, 64, .	0.9	5
133	Introduction to ecoimmunology: An integrative approach. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2017, 327, 219-221.	0.9	4
134	Timing of Maternal Immunization Affects Immunological and Behavioral Outcomes of Adult Offspring in Siberian Hamsters ( <i>Phodopus sungorus</i> ). <i>Journal of Experimental Zoology</i> , 2016, 325, 377-389.	1.2	3
135	Lipid signaling and fat storage in the dark-eyed junco. <i>General and Comparative Endocrinology</i> , 2017, 247, 166-173.	0.8	3
136	Sickness-induced changes in physiology do not affect fecundity or same-sex behavior. <i>Physiology and Behavior</i> , 2018, 184, 68-77.	1.0	3
137	Endotoxin rapidly desensitizes the gonads to kisspeptin-induced luteinizing hormone release in male Siberian hamsters ( <i>Phodopus sungorus</i> ). <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	3
138	Effects of exogenous leptin on seasonal reproductive responses to interacting environmental cues in female Siberian hamsters. <i>General and Comparative Endocrinology</i> , 2017, 250, 95-103.	0.8	2
139	Special Issue Dedicated to Dr. Timothy J Bartness. <i>Physiology and Behavior</i> , 2018, 190, 1-2.	1.0	2
140	The ontogeny of personality: Repeatability of social and escape behaviors across developmental stages in Siberian hamsters ( <i>Phodopus sungorus</i> ). <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2021, 335, .	0.9	2
141	The glutamate agonist NMDA blocks gonadal regression and enhances antibody response to an immune challenge in Siberian hamsters ( <i>Phodopus sungorus</i> ). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2010, 180, 267-277.	0.7	1
142	Empathy in prairie voles: Is this the consolation prize?. <i>Learning and Behavior</i> , 2016, 44, 303-304.	0.5	1
143	Introduction to the Special Issue on Neuroendocrine-Immune Interactions: Implications for Integrative and Comparative Physiologists. <i>Hormones and Behavior</i> , 2017, 88, 1-3.	1.0	1
144	The parent-offspring microbiome and neurobehavioral development. <i>Behavioral and Brain Sciences</i> , 2019, 42, .	0.4	1

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145	Circadian Locomotor Rhythms in Mice with Targeted Disruption of the Gene for the Carbon Monoxide Synthesizing Enzyme, Heme Oxygenase-2. <i>Biological Rhythm Research</i> , 1999, 30, 282-289.	0.4	0
146	Persistent photoperiodic effects on immunological responsiveness: shedding light on immunity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004, 286, R18-R19.	0.9	0
147	Thereâ€™s no place like biome: Can helminths restore the bodyâ€™s ecosystem?. <i>Brain, Behavior, and Immunity</i> , 2016, 51, 12-13.	2.0	0
148	Timothy J. Bartness. <i>Journal of Biological Rhythms</i> , 2016, 31, 6-11.	1.4	0
149	Wintering Strategies. , 2019, , 588-598.		0
150	Food restriction during development delays puberty but does not affect adult seasonal reproductive responses to food availability in Siberian hamsters ( <i>Phodopus sungorus</i> ). <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2021, 335, 691-702.	0.9	0