

Theodore Garland Jr

List of Publications by Year in descending order

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Version: 2024-02-01

290
papers

25,335
citations

11235

73
h-index

9605

147
g-index

293
all docs

293
docs citations

293
times ranked

20863
citing authors

#	ARTICLE	IF	CITATIONS
1	The Inverse Krogh Principle: All Organisms Are Worthy of Study. <i>Physiological and Biochemical Zoology</i> , 2023, 96, 1-16.	0.6	6
2	Effects of selective breeding for voluntary exercise, chronic exercise, and their interaction on muscle attachment site morphology in house mice. <i>Journal of Anatomy</i> , 2022, 240, 279-295.	0.9	13
3	Trade-Offs (and Constraints) in Organismal Biology. <i>Physiological and Biochemical Zoology</i> , 2022, 95, 82-112.	0.6	60
4	Effects of Selective Breeding, Voluntary Exercise, and Sex on Endocannabinoid Levels in the Mouse Small-Intestinal Epithelium. <i>Physiology and Behavior</i> , 2022, 245, 113675.	1.0	3
5	Scaling and relations of morphology with locomotor kinematics in the sidewinder rattlesnake <i>Crotalus cerastes</i> . <i>Journal of Experimental Biology</i> , 2022, 225, .	0.8	5
6	Oral antibiotics reduce voluntary exercise behavior in athletic mice. <i>Behavioural Processes</i> , 2022, 199, 104650.	0.5	4
7	Rapid and longer-term effects of selective breeding for voluntary exercise behavior on skeletal morphology in house mice. <i>Journal of Anatomy</i> , 2021, 238, 720-742.	0.9	9
8	Conditioned place preference for cocaine and methylphenidate in female mice from lines selectively bred for high voluntary wheel-running behavior. <i>Genes, Brain and Behavior</i> , 2021, 20, e12700.	1.1	4
9	Morphological evolution in relationship to sidewinding, arboreality and precipitation in snakes of the family Viperidae. <i>Biological Journal of the Linnean Society</i> , 2021, 132, 328-345.	0.7	6
10	Early-life effects of juvenile Western diet and exercise on adult gut microbiome composition in mice. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	33
11	Effects of early-life exposure to Western diet and voluntary exercise on adult activity levels, exercise physiology, and associated traits in selectively bred High Runner mice. <i>Physiology and Behavior</i> , 2021, 234, 113389.	1.0	16
12	Roles of KLF4 and AMPK in the inhibition of glycolysis by pulsatile shear stress in endothelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	27
13	Cross-fostering selectively bred High Runner mice affects adult body mass but not voluntary exercise. <i>Physiology and Behavior</i> , 2021, 241, 113569.	1.0	4
14	Evolutionary physiology at 30+: Has the promise been fulfilled?. <i>BioEssays</i> , 2021, 44, 2100167.	1.2	5
15	Long-Term Effects of Fatherhood on Morphology, Energetics, and Exercise Performance in California Mice (<i>Peromyscus californicus</i>). <i>Physiological and Biochemical Zoology</i> , 2020, 93, 75-86.	0.6	4
16	Genetic Basis of Aerobically Supported Voluntary Exercise: Results from a Selection Experiment with House Mice. <i>Genetics</i> , 2020, 216, 781-804.	1.2	15
17	Phylogenetic analysis of maximal oxygen consumption during exercise ($\dot{V}O_2\text{max}$) and ecological correlates among lizard species. <i>Journal of Experimental Biology</i> , 2020, , .	0.8	5
18	Translating Preclinical Research for Exercise Oncology: Take It to the $\dot{V}O_2\text{max}$. <i>Frontiers in Oncology</i> , 2020, 10, 575657.	1.3	4

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19	Universal metabolic constraints shape the evolutionary ecology of diving in animals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200488.	1.2	18
20	Living on the edge: Glucocorticoid physiology in desert iguanas (<i>Dipsosaurus dorsalis</i>) is predicted by distance from an anthropogenic disturbance, body condition, and population density. <i>General and Comparative Endocrinology</i> , 2020, 294, 113468.	0.8	4
21	Coadaptation of the chemosensory system with voluntary exercise behavior in mice. <i>PLoS ONE</i> , 2020, 15, e0241758.	1.1	8
22	Ecophysiology of mammals. <i>Journal of Mammalogy</i> , 2019, 100, 894-909.	0.6	3
23	Effects of short- and long-term cold acclimation on morphology, physiology, and exercise performance of California mice (<i>Peromyscus californicus</i>): potential modulation by fatherhood. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2019, 189, 471-487.	0.7	6
24	Revisiting a Key Innovation in Evolutionary Biology: Felsenstein's "Phylogenies and the Comparative Method". <i>American Naturalist</i> , 2019, 193, 755-772.	1.0	44
25	DNA methylation in AgRP neurons regulates voluntary exercise behavior in mice. <i>Nature Communications</i> , 2019, 10, 5364.	5.8	26
26	Electrocardiograms of mice selectively bred for high levels of voluntary exercise: Effects of short-term exercise training and the mini-muscle phenotype. <i>Physiology and Behavior</i> , 2019, 199, 322-332.	1.0	7
27	Exercise-induced loading increases ilium cortical area in a selectively bred mouse model. <i>American Journal of Physical Anthropology</i> , 2019, 168, 543-551.	2.1	8
28	I Smell a Mouse: Indirect Genetic Effects on Voluntary Wheel-Running Distance, Duration and Speed. <i>Behavior Genetics</i> , 2019, 49, 49-59.	1.4	10
29	Influence of corticosterone on growth, home-cage activity, wheel running, and aerobic capacity in house mice selectively bred for high voluntary wheel-running behavior. <i>Physiology and Behavior</i> , 2019, 198, 27-41.	1.0	22
30	Mitochondrial haplotypes are not associated with mice selectively bred for high voluntary wheel running. <i>Mitochondrion</i> , 2019, 46, 134-139.	1.6	4
31	Creation of a Novel Inbred Mouse Model for High Activity with a Small Muscle Phenotype. <i>FASEB Journal</i> , 2019, 33, .	0.2	0
32	An Introduction to Evolutionary Physiology, with an Example of Experimental Evolution. <i>FASEB Journal</i> , 2019, 33, 204.1.	0.2	0
33	Effects of a physical and energetic challenge on male California mice (<i>Peromyscus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1Q Tf 50 182	0.8	0
34	Evolution of hindlimb bone dimensions and muscle masses in house mice selectively bred for high voluntary wheel-running behavior. <i>Journal of Morphology</i> , 2018, 279, 766-779.	0.6	13
35	Among-Individual Variation in Desert Iguanas (<i>Squamata: Dipsosaurus dorsalis</i>): Endurance Capacity Is Positively Related to Home Range Size. <i>Physiological and Biochemical Zoology</i> , 2018, 91, 725-730.	0.6	8
36	Predicting the bending properties of long bones: Insights from an experimental mouse model. <i>American Journal of Physical Anthropology</i> , 2018, 165, 457-470.	2.1	6

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37	Biological/Genetic Regulation of Physical Activity Level. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 863-873.	0.2	80
38	High-runner mice have reduced incentive salience for a sweet-taste reward when housed with wheel access. <i>Behavioural Processes</i> , 2018, 146, 46-53.	0.5	7
39	Reduced non-bicarbonate skeletal muscle buffering capacity in mice with the mini-muscle phenotype. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	1
40	Metabolic Scope as a Proximate Constraint on Individual Behavioral Variation: Effects on Personality, Plasticity, and Predictability. <i>American Naturalist</i> , 2018, 192, 142-154.	1.0	47
41	Mice selectively bred for high voluntary wheel-running behavior conserve more fat despite increased exercise. <i>Physiology and Behavior</i> , 2018, 194, 1-8.	1.0	20
42	Brain region-dependent gene networks associated with selective breeding for increased voluntary wheel-running behavior. <i>PLoS ONE</i> , 2018, 13, e0201773.	1.1	13
43	Effects of selective breeding for high voluntary wheel-running behavior on femoral nutrient canal size and abundance in house mice. <i>Journal of Anatomy</i> , 2018, 233, 193-203.	0.9	11
44	Reply to Ruff, Warden, and Karlson. <i>American Journal of Physical Anthropology</i> , 2018, 167, 190-193.	2.1	1
45	Selective Breeding and Exercise Affect Midbrain and PAG Volume. <i>FASEB Journal</i> , 2018, 32, 599.1.	0.2	0
46	The Effect of Selective Breeding for High Voluntary Wheel-Running Behavior on Femoral Nutrient Canal Abundance and Size. <i>FASEB Journal</i> , 2018, 32, 855.18.	0.2	0
47	Age-Related Changes in Locomotor Performance Reveal a Similar Pattern for <i>Caenorhabditis elegans</i> , <i>Mus domesticus</i> , <i>Canis familiaris</i> , <i>Equus caballus</i> , and <i>Homo sapiens</i> . <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, glw136.	1.7	26
48	Effects of activity, genetic selection, and their interaction on muscle metabolic capacities and organ masses in mice. <i>Journal of Experimental Biology</i> , 2017, 220, 1038-1047.	0.8	23
49	Editorial on PBZ's Ninetieth Year and Top 90 Papers in PBZ, 1927-2017. <i>Physiological and Biochemical Zoology</i> , 2017, 90, 125-138.	0.6	1
50	Metabolic and affective consequences of fatherhood in male California mice. <i>Physiology and Behavior</i> , 2017, 177, 57-67.	1.0	11
51	Early-Life Effects on Adult Physical Activity: Concepts, Relevance, and Experimental Approaches. <i>Physiological and Biochemical Zoology</i> , 2017, 90, 1-14.	0.6	23
52	Maternal exposure to Western diet affects adult body composition and voluntary wheel running in a genotype-specific manner in mice. <i>Physiology and Behavior</i> , 2017, 179, 235-245.	1.0	31
53	Selective Breeding and Short-Term Access to a Running Wheel Alter Stride Characteristics in House Mice. <i>Physiological and Biochemical Zoology</i> , 2017, 90, 533-545.	0.6	13
54	Circulating levels of endocannabinoids respond acutely to voluntary exercise, are altered in mice selectively bred for high voluntary wheel running, and differ between the sexes. <i>Physiology and Behavior</i> , 2017, 170, 141-150.	1.0	41

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55	Preference for Western diet coadapts in High Runner mice and affects voluntary exercise and spontaneous physical activity in a genotype-dependent manner. <i>Behavioural Processes</i> , 2017, 135, 56-65.	0.5	13
56	Caffeine stimulates voluntary wheel running in mice without increasing aerobic capacity. <i>Physiology and Behavior</i> , 2017, 170, 133-140.	1.0	24
57	Complex Reproductive Traits and Whole-Organism Performance. <i>Integrative and Comparative Biology</i> , 2017, 57, 407-422.	0.9	19
58	Ecological and phylogenetic variability in the spinalis muscle of snakes. <i>Journal of Evolutionary Biology</i> , 2017, 30, 2031-2043.	0.8	13
59	Contribution of citizen science to improve knowledge on marine biodiversity in the Gulf Region. <i>Journal of the Association of Arab Universities for Basic and Applied Sciences</i> , 2017, 24, 126-135.	1.0	3
60	A Mixed Model Approach to Genome-Wide Association Studies for Selection Signatures, with Application to Mice Bred for Voluntary Exercise Behavior. <i>Genetics</i> , 2017, 207, 785-799.	1.2	15
61	Locomotion, Energetics, Performance, and Behavior: A Mammalian Perspective on Lizards, and Vice Versa. <i>Integrative and Comparative Biology</i> , 2017, 57, 252-266.	0.9	32
62	High motivation for exercise is associated with altered chromatin regulators of monoamine receptor gene expression in the striatum of selectively bred mice. <i>Genes, Brain and Behavior</i> , 2017, 16, 328-341.	1.1	33
63	Cerebellum Transcriptome of Mice Bred for High Voluntary Activity Offers Insights into Locomotor Control and Reward-Dependent Behaviors. <i>PLoS ONE</i> , 2016, 11, e0167095.	1.1	22
64	Limb segment contributions to the evolution of hind limb length in phrynosomatid lizards. <i>Biological Journal of the Linnean Society</i> , 2016, 117, 775-795.	0.7	8
65	Mobility as an emergent property of biological organization: Insights from experimental evolution. <i>Evolutionary Anthropology</i> , 2016, 25, 98-104.	1.7	34
66	Consequences of Fatherhood in the Biparental California Mouse (<i>Peromyscus californicus</i>): Locomotor Performance, Metabolic Rate, and Organ Masses. <i>Physiological and Biochemical Zoology</i> , 2016, 89, 130-140.	0.6	11
67	Nature or Nurture? Heritability in the Classroom. <i>Physiological and Biochemical Zoology</i> , 2016, 89, 457-461.	0.6	0
68	Acute Restraint Stress Alters Wheel-Running Behavior Immediately Following Stress and up to 20 Hours Later in House Mice. <i>Physiological and Biochemical Zoology</i> , 2016, 89, 546-552.	0.6	15
69	Serotonin-mediated central fatigue underlies increased endurance capacity in mice from lines selectively bred for high voluntary wheel running. <i>Physiology and Behavior</i> , 2016, 161, 145-154.	1.0	22
70	Hormones and the Evolution of Complex Traits: Insights from Artificial Selection on Behavior. <i>Integrative and Comparative Biology</i> , 2016, 56, 207-224.	0.9	59
71	<i>CD22</i> Drives Selfish Sweeps in the House Mouse. <i>Molecular Biology and Evolution</i> , 2016, 33, 1381-1395.	3.5	55
72	Diet-induced obesity resistance of adult female mice selectively bred for increased wheel-running behavior is reversed by single perinatal exposure to a high-energy diet. <i>Physiology and Behavior</i> , 2016, 157, 246-257.	1.0	6

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73	Comparison of Morphology and Bending Mechanics of Femora in Response to Chronic Exercise in Three Strains of Mice. <i>FASEB Journal</i> , 2016, 30, 368.2.	0.2	0
74	The Age-Performance Relationship. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 784.	0.2	0
75	Vivid birds do not initiate flight sooner despite their potential conspicuousness. <i>Environmental Epigenetics</i> , 2015, 61, 773-780.	0.9	16
76	Speed and Endurance Do Not Trade Off in Phrynosomatid Lizards. <i>Physiological and Biochemical Zoology</i> , 2015, 88, 634-647.	0.6	22
77	Evolution of the additive genetic variance-covariance matrix under continuous directional selection on a complex behavioural phenotype. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151119.	1.2	49
78	A Multi-Megabase Copy Number Gain Causes Maternal Transmission Ratio Distortion on Mouse Chromosome 2. <i>PLoS Genetics</i> , 2015, 11, e1004850.	1.5	76
79	Genetic approaches in comparative and evolutionary physiology. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R197-R214.	0.9	42
80	Effects of voluntary exercise on spontaneous physical activity and food consumption in mice: Results from an artificial selection experiment. <i>Physiology and Behavior</i> , 2015, 149, 86-94.	1.0	57
81	Effects of early-onset voluntary exercise on adult physical activity and associated phenotypes in mice. <i>Physiology and Behavior</i> , 2015, 149, 279-286.	1.0	27
82	Energetics and behavior: many paths to understanding. <i>Trends in Ecology and Evolution</i> , 2015, 30, 365-366.	4.2	21
83	Relationship between Maximal Oxygen Consumption ($\dot{V}O_{2max}$) and Home Range Area in Mammals. <i>Physiological and Biochemical Zoology</i> , 2015, 88, 660-667.	0.6	19
84	Shape-shift: Semicircular canal morphology responds to selective breeding for increased locomotor activity. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 3184-3198.	1.1	26
85	Quantitative genomics of voluntary exercise in mice: transcriptional analysis and mapping of expression QTL in muscle. <i>Physiological Genomics</i> , 2014, 46, 593-601.	1.0	34
86	Exercise training effects on hypoxic and hypercapnic ventilatory responses in mice selected for increased voluntary wheel running. <i>Experimental Physiology</i> , 2014, 99, 403-413.	0.9	12
87	Myosin heavy chain isoform expression in adult and juvenile mini-muscle mice bred for high-voluntary wheel running. <i>Mechanisms of Development</i> , 2014, 134, 16-30.	1.7	24
88	Island tameness: living on islands reduces flight initiation distance. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133019.	1.2	95
89	Effects of early-life exposure to Western diet and wheel access on metabolic syndrome profiles in mice bred for high voluntary exercise. <i>Genes, Brain and Behavior</i> , 2014, 13, 322-332.	1.1	20
90	THE EVOLUTION OF THE SEXUALLY SELECTED SWORD IN XIPHOPHORUS DOES NOT COMPROMISE AEROBIC LOCOMOTOR PERFORMANCE. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 1806-1823.	1.1	13

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91	Trade-offs. <i>Current Biology</i> , 2014, 24, R60-R61.	1.8	153
92	Swimming with a sword: tail beat kinematics in relation to sword length in <i>Xiphophorus</i> . <i>Functional Ecology</i> , 2014, 28, 924-932.	1.7	13
93	Phylogenetic Regression for Binary Dependent Variables. , 2014, , 231-261.		75
94	Editorial. <i>Physiological and Biochemical Zoology</i> , 2014, 87, 585-586.	0.6	1
95	Mice from lines selectively bred for high voluntary wheel running exhibit lower blood pressure during withdrawal from wheel access. <i>Physiology and Behavior</i> , 2013, 112-113, 49-55.	1.0	26
96	Mice selectively bred for high voluntary wheel running have larger midbrains: support for the mosaic model of brain evolution. <i>Journal of Experimental Biology</i> , 2013, 216, 515-523.	0.8	51
97	Phylogenetic analysis of mammalian maximal oxygen consumption during exercise. <i>Journal of Experimental Biology</i> , 2013, 216, 4712-21.	0.8	60
98	Evolutionary Patterns in Trace Metal (Cd and Zn) Efflux Capacity in Aquatic Organisms. <i>Environmental Science & Technology</i> , 2013, 47, 7989-7995.	4.6	31
99	Gene expression profiling of gastrocnemius of <i>œminimuscle</i> mice. <i>Physiological Genomics</i> , 2013, 45, 228-236.	1.0	11
100	High-saturated fat-sucrose feeding affects lactation energetics in control mice and mice selectively bred for high wheel-running behavior. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R1433-R1440.	0.9	4
101	Immune response to a <i>Trichinella spiralis</i> infection in house mice from lines selectively bred for high voluntary wheel running. <i>Journal of Experimental Biology</i> , 2013, 216, 4212-21.	0.8	14
102	A Novel Intronic Single Nucleotide Polymorphism in the <i>Myosin heavy polypeptide 4</i> Gene Is Responsible for the Mini-Muscle Phenotype Characterized by Major Reduction in Hind-Limb Muscle Mass in Mice. <i>Genetics</i> , 2013, 195, 1385-1395.	1.2	36
103	LIMITS TO BEHAVIORAL EVOLUTION: THE QUANTITATIVE GENETICS OF A COMPLEX TRAIT UNDER DIRECTIONAL SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 3102-3119.	1.1	76
104	Within-lifetime trade-offs but evolutionary freedom for hormonal and immunological traits: evidence from mice bred for high voluntary exercise. <i>Journal of Experimental Biology</i> , 2012, 215, 1651-1661.	0.8	12
105	Do mice bred selectively for high locomotor activity have a greater reliance on lipids to power submaximal aerobic exercise?. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R101-R111.	0.9	18
106	Performance, Personality, and Energetics: Correlation, Causation, and Mechanism. <i>Physiological and Biochemical Zoology</i> , 2012, 85, 543-571.	0.6	360
107	As the Sword Grows: Individual Variation and Ontogenetic Effects of a Sexually Selected Trait on Locomotor Performance in <i>Xiphophorus hellerii</i> . <i>Physiological and Biochemical Zoology</i> , 2012, 85, 684-693.	0.6	9
108	Functional Genomic Architecture of Predisposition to Voluntary Exercise in Mice: Expression QTL in the Brain. <i>Genetics</i> , 2012, 191, 643-654.	1.2	31

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109	Are Voluntary Wheel Running and Open-Field Behavior Correlated in Mice? Different Answers from Comparative and Artificial Selection Approaches. <i>Behavior Genetics</i> , 2012, 42, 830-844.	1.4	41
110	Male Superiority in Spatial Navigation: Adaptation or Side Effect?. <i>Quarterly Review of Biology</i> , 2012, 87, 289-313.	0.0	49
111	Paternal responsiveness is associated with, but not mediated by reduced neophobia in male California mice (<i>Peromyscus californicus</i>). <i>Physiology and Behavior</i> , 2012, 107, 65-75.	1.0	33
112	The comparative biology of diving in two genera of European Dytiscidae (Coleoptera). <i>Journal of Evolutionary Biology</i> , 2012, 25, 329-341.	0.8	12
113	DEVELOPMENTAL TRAIT EVOLUTION IN TRILOBITES. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 314-329.	1.1	42
114	Sex differences in cannabinoid receptor-1 (CB1) pharmacology in mice selectively bred for high voluntary wheel-running behavior. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 101, 528-537.	1.3	50
115	Effects of leptin treatment and Western diet on wheel running in selectively bred high runner mice. <i>Physiology and Behavior</i> , 2012, 106, 252-258.	1.0	24
116	Genetic variations and physical activity as determinants of limb bone morphology: An experimental approach using a mouse model. <i>American Journal of Physical Anthropology</i> , 2012, 148, 24-35.	2.1	72
117	Genetics shift the adaptive balance in skeletal muscle of mice selected for high running capacity. <i>FASEB Journal</i> , 2012, 26, 1142-26.	0.2	0
118	Changes in semicircular canal morphology in response to selective breeding for high voluntary wheel running. <i>FASEB Journal</i> , 2012, 26, 729-1.	0.2	0
119	Selective breeding of mice for high voluntary exercise alters adaptive plasticity of metabolic phenotypes in skeletal muscle. <i>FASEB Journal</i> , 2012, 26, 886.1.	0.2	0
120	The quantitative genetics of a complex trait under continuous directional selection. <i>FASEB Journal</i> , 2012, 26, .	0.2	0
121	Reply to "Heart Position in Snakes". <i>Physiological and Biochemical Zoology</i> , 2011, 84, 102-106.	0.6	4
122	The biological control of voluntary exercise, spontaneous physical activity and daily energy expenditure in relation to obesity: human and rodent perspectives. <i>Journal of Experimental Biology</i> , 2011, 214, 206-229.	0.8	365
123	Swimming performance trade-offs across a gradient in community composition in Trinidadian killifish (<i>Rivulus hartii</i>). <i>Ecology</i> , 2011, 92, 170-179.	1.5	53
124	Why do placentas evolve? An evaluation of the life-history facilitation hypothesis in the fish genus <i>Poeciliopsis</i> . <i>Functional Ecology</i> , 2011, 25, 757-768.	1.7	24
125	LATITUDINAL AND CLIMATIC VARIATION IN BODY SIZE AND DORSAL SCALE COUNTS IN SCELOPORUS LIZARDS: A PHYLOGENETIC PERSPECTIVE. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 3590-3607.	1.1	68
126	Expression of angiogenic regulators and skeletal muscle capillarity in selectively bred high aerobic capacity mice. <i>Experimental Physiology</i> , 2011, 96, 1138-1150.	0.9	19

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127	Sex-Specific Heterosis in Line Crosses of Mice Selectively Bred for High Locomotor Activity. <i>Behavior Genetics</i> , 2011, 41, 615-624.	1.4	13
128	Identification of quantitative trait loci influencing skeletal architecture in mice: Emergence of <i>Cdh11</i> as a primary candidate gene regulating femoral morphology. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 2174-2183.	3.1	26
129	How to run far: multiple solutions and sex-specific responses to selective breeding for high voluntary activity levels. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 574-581.	1.2	87
130	Can Rodent Longevity Studies be Both Short and Powerful?. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2011, 66A, 279-286.	1.7	2
131	Exercise, weight loss, and changes in body composition in mice: phenotypic relationships and genetic architecture. <i>Physiological Genomics</i> , 2011, 43, 199-212.	1.0	41
132	Drift and Genome Complexity Revisited. <i>PLoS Genetics</i> , 2011, 7, e1002092.	1.5	35
133	Is Aquatic Life Correlated with an Increased Hematocrit in Snakes?. <i>PLoS ONE</i> , 2011, 6, e17077.	1.1	13
134	Voluntary exercise, spontaneous physical activity, and food consumption in High Runner lines of mice. <i>FASEB Journal</i> , 2011, 25, 1057.20.	0.2	0
135	Genetic architecture of voluntary exercise in an advanced intercross line of mice. <i>Physiological Genomics</i> , 2010, 42, 190-200.	1.0	55
136	Behavioral Traits are Affected by Selective Breeding for Increased Wheel-Running Behavior in Mice. <i>Behavior Genetics</i> , 2010, 40, 542-550.	1.4	30
137	Functional significance of genetic variation underlying limb bone diaphyseal structure. <i>American Journal of Physical Anthropology</i> , 2010, 143, 21-30.	2.1	46
138	Western diet increases wheel running in mice selectively bred for high voluntary wheel running. <i>International Journal of Obesity</i> , 2010, 34, 960-969.	1.6	56
139	Morphological evolution in Tropicurinae squamates: an integrated view along a continuum of ecological settings. <i>Journal of Evolutionary Biology</i> , 2010, 23, 98-111.	0.8	44
140	QTL Underlying Voluntary Exercise in Mice: Interactions with the "Mini Muscle" Locus and Sex. <i>Journal of Heredity</i> , 2010, 101, 42-53.	1.0	54
141	Erythropoietin elevates but not voluntary wheel running in mice. <i>Journal of Experimental Biology</i> , 2010, 213, 510-519.	0.8	56
142	Phylogenetic Logistic Regression for Binary Dependent Variables. <i>Systematic Biology</i> , 2010, 59, 9-26.	2.7	412
143	Exercising for Life? Energy Metabolism, Body Composition, and Longevity in Mice Exercising at Different Intensities. <i>Physiological and Biochemical Zoology</i> , 2010, 83, 239-251.	0.6	25
144	Did Genetic Drift Drive Increases in Genome Complexity?. <i>PLoS Genetics</i> , 2010, 6, e1001080.	1.5	107

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145	Parent-of-origin effects on voluntary exercise levels and body composition in mice. <i>Physiological Genomics</i> , 2010, 40, 111-120.	1.0	19
146	Phylogeny, Ecology, and Heart Position in Snakes. <i>Physiological and Biochemical Zoology</i> , 2010, 83, 43-54.	0.6	58
147	Locomotion in Response to Shifting Climate Zones: Not So Fast. <i>Annual Review of Physiology</i> , 2010, 72, 167-190.	5.6	46
148	Dopaminergic dysregulation in mice selectively bred for excessive exercise or obesity. <i>Behavioural Brain Research</i> , 2010, 210, 155-163.	1.2	91
149	Effects of selective breeding for increased wheel-running behavior on circadian timing of substrate oxidation and ingestive behavior. <i>Physiology and Behavior</i> , 2010, 99, 549-554.	1.0	4
150	Western diet increases wheel running in mice selectively bred for high voluntary wheel running. <i>FASEB Journal</i> , 2010, 24, 805.2.	0.2	0
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