

Volker Loeschke

List of Publications by Year in descending order

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Version: 2024-02-01

374
papers

18,820
citations

17776

65
h-index

23841

115
g-index

388
all docs

388
docs citations

388
times ranked

14261
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal boldness: Volunteer exploration of extreme temperatures in fruit flies. <i>Journal of Insect Physiology</i> , 2022, 136, 104330.	0.9	5
2	The discovery, distribution, and diversity of DNA viruses associated with <i>Drosophila melanogaster</i> in Europe. <i>Virus Evolution</i> , 2021, 7, veab031.	2.2	25
3	Detecting purging of inbreeding depression by a slow rate of inbreeding for various traits: the impact of environmental and experimental conditions. <i>Heredity</i> , 2021, 127, 10-20.	1.2	8
4	No water, no eggs: insights from a warming outdoor mesocosm experiment. <i>Ecological Entomology</i> , 2021, 46, 1093-1100.	1.1	4
5	Daily increasing or decreasing photoperiod affects stress resistance and life history traits in four <i>Drosophila</i> species. <i>Journal of Insect Physiology</i> , 2021, 132, 104251.	0.9	2
6	<i>Drosophila</i> Evolution over Space and Time (DEST): A New Population Genomics Resource. <i>Molecular Biology and Evolution</i> , 2021, 38, 5782-5805.	3.5	37
7	The importance of environmental microbes for <i>Drosophila melanogaster</i> during seasonal macronutrient variability. <i>Scientific Reports</i> , 2021, 11, 18850.	1.6	5
8	Assessing the current feces identification method of the European otter <i>Lutra lutra</i> . <i>Wildlife Biology</i> , 2021, 2021, .	0.6	2
9	Responses to Developmental Temperature Fluctuation in Life History Traits of Five <i>Drosophila</i> Species (Diptera: Drosophilidae) from Different Thermal Niches. <i>Insects</i> , 2021, 12, 925.	1.0	2
10	Fungal infections lead to shifts in thermal tolerance and voluntary exposure to extreme temperatures in both prey and predator insects. <i>Scientific Reports</i> , 2021, 11, 21710.	1.6	6
11	Pronounced Plastic and Evolutionary Responses to Unpredictable Thermal Fluctuations in <i>Drosophila simulans</i> . <i>Frontiers in Genetics</i> , 2020, 11, 555843.	1.1	9
12	Expression of thermal tolerance genes in two <i>Drosophila</i> species with different acclimation capacities. <i>Journal of Thermal Biology</i> , 2019, 84, 200-207.	1.1	17
13	Evolution and plasticity of thermal performance: an analysis of variation in thermal tolerance and fitness in 22 <i>Drosophila</i> species. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180548.	1.8	77
14	Sex and age specific reduction in stress resistance and mitochondrial DNA copy number in <i>Drosophila melanogaster</i> . <i>Scientific Reports</i> , 2019, 9, 12305.	1.6	25
15	Fluctuations in nutrient composition affect male reproductive output in <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2019, 118, 103940.	0.9	4
16	Genomic signatures of experimental adaptive radiation in <i>Drosophila</i> . <i>Molecular Ecology</i> , 2019, 28, 600-614.	2.0	37
17	Geographic variation in responses of European yellow dung flies to thermal stress. <i>Journal of Thermal Biology</i> , 2018, 73, 41-49.	1.1	13
18	Linking developmental diet to adult foraging choice in <i>Drosophila melanogaster</i> . <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	21

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19	Plasticity for desiccation tolerance across <i>Drosophila</i> species is affected by phylogeny and climate in complex ways. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180048.	1.2	46
20	Functional Validation of Candidate Genes Detected by Genomic Feature Models. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1659-1668.	0.8	14
21	Constitutive up-regulation of Turandot genes rather than changes in acclimation ability is associated with the evolutionary adaptation to temperature fluctuations in <i>Drosophila simulans</i> . <i>Journal of Insect Physiology</i> , 2018, 104, 40-47.	0.9	15
22	How much starvation, desiccation and oxygen depletion can <i>Drosophila melanogaster</i> tolerate before its upper thermal limits are affected?. <i>Journal of Insect Physiology</i> , 2018, 111, 1-7.	0.9	17
23	Metabolic cold adaptation contributes little to the interspecific variation in metabolic rates of 65 species of <i>Drosophilidae</i> . <i>Journal of Insect Physiology</i> , 2017, 98, 309-316.	0.9	24
24	Metabolic and functional characterization of effects of developmental temperature in <i>Drosophila melanogaster</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 312, R211-R222.	0.9	46
25	Environmental heterogeneity does not affect levels of phenotypic plasticity in natural populations of three <i>Drosophila</i> species. <i>Ecology and Evolution</i> , 2017, 7, 2716-2724.	0.8	20
26	Evolutionary adaptation to environmental stressors: a common response at the proteomic level. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1627-1642.	1.1	18
27	Unexpected high genetic diversity in small populations suggests maintenance by associative overdominance. <i>Molecular Ecology</i> , 2017, 26, 6510-6523.	2.0	40
28	Using population viability analysis, genomics, and habitat suitability to forecast future population patterns of Little Owl <i>Athene noctua</i> across Europe. <i>Ecology and Evolution</i> , 2017, 7, 10987-11001.	0.8	13
29	Nucleotide diversity inflation as a genome-wide response to experimental lifespan extension in <i>Drosophila melanogaster</i> . <i>BMC Genomics</i> , 2017, 18, 84.	1.2	19
30	Linear reaction norms of thermal limits in <i>Drosophila</i> : predictable plasticity in cold but not in heat tolerance. <i>Functional Ecology</i> , 2017, 31, 934-945.	1.7	74
31	A Quantitative Genomic Approach for Analysis of Fitness and Stress Related Traits in a <i>Drosophila melanogaster</i> Model Population. <i>International Journal of Genomics</i> , 2016, 2016, 1-11.	0.8	18
32	Thermal fluctuations affect the transcriptome through mechanisms independent of average temperature. <i>Scientific Reports</i> , 2016, 6, 30975.	1.6	62
33	A novel alternative to F -tests for ecological studies. <i>Ecological Indicators</i> , 2016, 67, 484-490.	2.6	0
34	Mild heat treatments induce long-term changes in metabolites associated with energy metabolism in <i>Drosophila melanogaster</i> . <i>Biogerontology</i> , 2016, 17, 873-882.	2.0	13
35	Few genetic and environmental correlations between life history and stress resistance traits affect adaptation to fluctuating thermal regimes. <i>Heredity</i> , 2016, 117, 149-154.	1.2	11
36	Reversibility of developmental heat and cold plasticity is asymmetric and has long lasting consequences for adult thermal tolerance. <i>Journal of Experimental Biology</i> , 2016, 219, 2726-32.	0.8	38

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37	Injuries can prolong lifespan in <i>Drosophila melanogaster</i> males. <i>Biogerontology</i> , 2016, 17, 337-346.	2.0	8
38	Testing candidate genes for attention-deficit/hyperactivity disorder in fruit flies using a high throughput assay for complex behavior. <i>Fly</i> , 2016, 10, 25-34.	0.9	13
39	Experimental Evolution under Fluctuating Thermal Conditions Does Not Reproduce Patterns of Adaptive Clinal Differentiation in <i>Drosophila melanogaster</i> . <i>American Naturalist</i> , 2015, 186, 582-593.	1.0	38
40	Patterns of longevity and fecundity at two temperatures in a set of heat-selected recombinant inbred lines of <i>Drosophila melanogaster</i> . <i>Biogerontology</i> , 2015, 16, 801-810.	2.0	8
41	Life span variation in 13 <i>Drosophila</i> species: a comparative study on life span, environmental variables and stress resistance. <i>Journal of Evolutionary Biology</i> , 2015, 28, 1892-1900.	0.8	10
42	Phenotypic plasticity is not affected by experimental evolution in constant, predictable or unpredictable fluctuating thermal environments. <i>Journal of Evolutionary Biology</i> , 2015, 28, 2078-2087.	0.8	46
43	Patterns of variation in desiccation resistance in a set of recombinant inbred lines in <i>Drosophila melanogaster</i> . <i>Physiological Entomology</i> , 2015, 40, 205-211.	0.6	2
44	Strong Costs and Benefits of Winter Acclimatization in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2015, 10, e0130307.	1.1	42
45	Inbreeding depression across a nutritional stress continuum. <i>Heredity</i> , 2015, 115, 56-62.	1.2	19
46	Male <i>Drosophila melanogaster</i> learn to prefer an arbitrary trait associated with female mating status. <i>Environmental Epigenetics</i> , 2015, 61, 1036-1042.	0.9	14
47	Phospholipid fatty acid composition linking larval-density to lifespan of adult <i>Drosophila melanogaster</i> . <i>Experimental Gerontology</i> , 2015, 72, 177-183.	1.2	13
48	How to assess <i>Drosophila</i> cold tolerance: chill coma temperature and lower lethal temperature are the best predictors of cold distribution limits. <i>Functional Ecology</i> , 2015, 29, 55-65.	1.7	214
49	Inbreeding Affects Locomotor Activity in <i>Drosophila melanogaster</i> at Different Ages. <i>Behavior Genetics</i> , 2015, 45, 127-134.	1.4	11
50	No trade-off between high and low temperature tolerance in a winter acclimatized Danish <i>Drosophila subobscura</i> population. <i>Journal of Insect Physiology</i> , 2015, 77, 9-14.	0.9	29
51	The Effect of Social Isolation on Locomotor Activity in the Houseflies (<i>Musca Domestica</i>). <i>Journal of Insect Behavior</i> , 2015, 28, 288-296.	0.4	11
52	Sodium distribution predicts the chill tolerance of <i>Drosophila melanogaster</i> raised in different thermal conditions. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R823-R831.	0.9	65
53	Trait-specific consequences of inbreeding on adaptive phenotypic plasticity. <i>Ecology and Evolution</i> , 2015, 5, 1-6.	0.8	8
54	Plasticity in behavioural responses and resistance to temperature stress in <i>Musca domestica</i> . <i>Animal Behaviour</i> , 2015, 99, 123-130.	0.8	35

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55	The Role of Storage Lipids in the Relation between Fecundity, Locomotor Activity, and Lifespan of <i>Drosophila melanogaster</i> Longevity-Selected and Control Lines. <i>PLoS ONE</i> , 2015, 10, e0130334.	1.1	18
56	DOES ENVIRONMENTAL ROBUSTNESS PLAY A ROLE IN FLUCTUATING ENVIRONMENTS?. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 587-594.	1.1	19
57	Temperature-specific acclimation effects on adult locomotor performance of inbred and crossbred <i>Drosophila melanogaster</i> . <i>Physiological Entomology</i> , 2014, 39, 127-135.	0.6	2
58	Phenotypic plasticity with instantaneous but delayed switches. <i>Journal of Theoretical Biology</i> , 2014, 340, 60-72.	0.8	19
59	Predictability rather than amplitude of temperature fluctuations determines stress resistance in a natural population of <i>Drosophila simulans</i> . <i>Journal of Evolutionary Biology</i> , 2014, 27, 2113-2122.	0.8	62
60	Temperature and photoperiod affect stress resistance traits in <i>Drosophila melanogaster</i> . <i>Physiological Entomology</i> , 2014, 39, 237-246.	0.6	23
61	Genetic variability of central-western European pine marten (<i>Martes martes</i>) populations. <i>Acta Theriologica</i> , 2014, 59, 503-510.	1.1	5
62	Flies who cannot take the heat: genome-wide gene expression analysis of temperature-sensitive lethality in an inbred line of <i>Drosophila melanogaster</i> . <i>Journal of Evolutionary Biology</i> , 2014, 27, 2152-2162.	0.8	7
63	Scaling of the mean and variance of population dynamics under fluctuating regimes. <i>Theory in Biosciences</i> , 2014, 133, 165-173.	0.6	4
64	Inbreeding effects on standard metabolic rate investigated at cold, benign and hot temperatures in <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2014, 62, 11-20.	0.9	33
65	A <i>Drosophila</i> laboratory evolution experiment points to low evolutionary potential under increased temperatures likely to be experienced in the future. <i>Journal of Evolutionary Biology</i> , 2014, 27, 1859-1868.	0.8	79
66	The long-term effects of a life-prolonging heat treatment on the <i>Drosophila melanogaster</i> transcriptome suggest that heat shock proteins extend lifespan. <i>Experimental Gerontology</i> , 2014, 50, 34-39.	1.2	43
67	The phenotypic variance gradient – a novel concept. <i>Ecology and Evolution</i> , 2014, 4, 4230-4236.	0.8	5
68	Genetic Consequences of Forest Fragmentation for a Highly Specialized Arboreal Mammal - the Edible Dormouse. <i>PLoS ONE</i> , 2014, 9, e88092.	1.1	31
69	Cellular damage as induced by high temperature is dependent on rate of temperature change – investigating consequences of ramping rates on molecular and organismal phenotypes in <i>Drosophila melanogaster</i> Meigen 1830. <i>Journal of Experimental Biology</i> , 2013, 216, 809-14.	0.8	43
70	Tissue specific haemoglobin gene expression suggests adaptation to local marine conditions in North Sea flounder (<i>Platichthys flesus</i> L.). <i>Genes and Genomics</i> , 2013, 35, 541-547.	0.5	7
71	Metabolomic analysis of the selection response of <i>Drosophila melanogaster</i> to environmental stress: are there links to gene expression and phenotypic traits?. <i>Die Naturwissenschaften</i> , 2013, 100, 417-427.	0.6	27
72	Transcriptomic analysis of inbreeding depression in cold-sensitive <i>Drosophila melanogaster</i> shows upregulation of the immune response. <i>Journal of Evolutionary Biology</i> , 2013, 26, 1890-1902.	0.8	49

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73	QTL for survival to UV-C radiation in <i>Drosophila melanogaster</i> . International Journal of Radiation Biology, 2013, 89, 583-589.	1.0	6
74	Confirming candidate genes for longevity by RT-qPCR using two different genetic backgrounds and selection methods. Journal of Insect Physiology, 2013, 59, 255-262.	0.9	4
75	Age-induced perturbation in cell membrane phospholipid fatty acid profile of longevity-selected <i>Drosophila melanogaster</i> and corresponding control lines. Experimental Gerontology, 2013, 48, 1362-1368.	1.2	14
76	Laboratory selection for increased longevity in <i>Drosophila melanogaster</i> reduces field performance. Experimental Gerontology, 2013, 48, 1189-1195.	1.2	14
77	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 August 2012 – 30 September 2012. Molecular Ecology Resources, 2013, 13, 158-159.	2.2	26
78	Longevity for free? Increased reproduction with limited trade-offs in <i>Drosophila melanogaster</i> selected for increased life span. Experimental Gerontology, 2013, 48, 349-357.	1.2	37
79	The Effect of Fluctuating Temperatures During Development on Fitness-Related Traits of <i>Scatophaga stercoraria</i> (Diptera: Scathophagidae). Environmental Entomology, 2013, 42, 1069-1078.	0.7	47
80	Temperature and Population Density Effects on Locomotor Activity of <i>Musca domestica</i> (Diptera: Muscidae). Environmental Entomology, 2013, 42, 1322-1328.	0.7	28
81	Gene flow and population structure of a common agricultural wild species (<i>Microtus agrestis</i>) under different land management regimes. Heredity, 2013, 111, 486-494.	1.2	13
82	Stress-induced plastic responses in <i>Drosophila simulans</i> following exposure to combinations of temperature and humidity levels. Journal of Experimental Biology, 2013, 216, 4601-7.	0.8	26
83	Heat stress survival in the pre-adult stage of the life cycle in an intercontinental set of recombinant inbred lines of <i>Drosophila melanogaster</i> . Journal of Experimental Biology, 2013, 216, 2953-9.	0.8	12
84	Proteomic Characterization of Inbreeding-Related Cold Sensitivity in <i>Drosophila melanogaster</i> . PLoS ONE, 2013, 8, e62680.	1.1	5
85	Effects of Land Management Strategies on the Dispersal Pattern of a Beneficial Arthropod. PLoS ONE, 2013, 8, e66208.	1.1	14
86	Characterization of the genetic profile of five Danish dog breeds. Journal of Animal Science, 2013, 91, 5122-5127.	0.2	6
87	A Comparison of Inbreeding Depression in Tropical and Widespread <i>Drosophila</i> Species. PLoS ONE, 2013, 8, e51176.	1.1	12
88	Trait Associations across Evolutionary Time within a <i>Drosophila</i> Phylogeny: Correlated Selection or Genetic Constraint?. PLoS ONE, 2013, 8, e72072.	1.1	14
89	Thermal adaptation: Combining evolutionary and physiological approaches. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 163, S4.	0.8	0
90	Upper thermal limits of <i>Drosophila</i> are linked to species distributions and strongly constrained phylogenetically. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16228-16233.	3.3	454

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91	The Transferability of Illumina Canine BeadChip Single-Nucleotide Polymorphisms (SNPs) to American Mink (<i>Neovison vison</i>). <i>Biochemical Genetics</i> , 2012, 50, 717-721.	0.8	0
92	The Effects of Sex-Ratio and Density on Locomotor Activity in the House Fly, <i>Musca domestica</i> . <i>Journal of Insect Science</i> , 2012, 12, 1-12.	0.6	116
93	Age-related and sex-specific differences in proteasome activity in individual <i>Drosophila</i> flies from wild type, longevity-selected and stress resistant strains. <i>Biogerontology</i> , 2012, 13, 429-438.	2.0	15
94	Comparison of single nucleotide polymorphisms and microsatellites in non-invasive genetic monitoring of a wolf population. <i>Archives of Biological Sciences</i> , 2012, 64, 321-335.	0.2	21
95	Survival of heat stress with and without heat hardening in <i>Drosophila melanogaster</i> : interactions with larval density. <i>Journal of Experimental Biology</i> , 2012, 215, 2220-2225.	0.8	17
96	Differences in Salinity Tolerance and Gene Expression Between Two Populations of Atlantic Cod (<i>Gadus morhua</i>) in Response to Salinity Stress. <i>Biochemical Genetics</i> , 2012, 50, 454-466.	0.8	43
97	Plastic responses to four environmental stresses and cross-resistance in a laboratory population of <i>Drosophila melanogaster</i> . <i>Functional Ecology</i> , 2012, 26, 245-253.	1.7	90
98	East Greenland and Barents Sea polar bears (<i>Ursus maritimus</i>): adaptive variation between two populations using skull morphometrics as an indicator of environmental and genetic differences. <i>Hereditas</i> , 2012, 149, 99-107.	0.5	9
99	Genetic erosion impedes adaptive responses to stressful environments. <i>Evolutionary Applications</i> , 2012, 5, 117-129.	1.5	242
100	PHYLOGENETIC CONSTRAINTS IN KEY FUNCTIONAL TRAITS BEHIND SPECIES' CLIMATE NICHES: PATTERNS OF DESICCATION AND COLD RESISTANCE ACROSS 95 <i>DROSOPHILA</i> SPECIES. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 3377-3389.	1.1	261
101	Effects of rearing and induction temperature on the temporal dynamics of heat shock protein 70 expression in a butterfly. <i>Physiological Entomology</i> , 2012, 37, 103-108.	0.6	7
102	Hsp70 protein levels and thermotolerance in <i>Drosophila subobscura</i> : a reassessment of the thermal adaptation hypothesis. <i>Journal of Evolutionary Biology</i> , 2012, 25, 691-700.	0.8	41
103	Can evolution of sexual dimorphism be triggered by developmental temperatures?. <i>Journal of Evolutionary Biology</i> , 2012, 25, 847-855.	0.8	14
104	Humidity affects genetic architecture of heat resistance in <i>Drosophila melanogaster</i> . <i>Journal of Evolutionary Biology</i> , 2012, 25, 1180-1188.	0.8	36
105	Constant, cycling, hot and cold thermal environments: strong effects on mean viability but not on genetic estimates. <i>Journal of Evolutionary Biology</i> , 2012, 25, 1209-1215.	0.8	19
106	The Metabolic Profile of Long-Lived <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2012, 7, e47461.	1.1	37
107	Characterization of 151 SNPs for population structure analysis of the endangered Tatra chamois (<i>Rupicapra rupicapra tatra</i>) and its relative, the Alpine chamois (<i>R. r. rupicapra</i>). <i>Mammalian Biology</i> , 2011, 76, 644-645.	0.8	1
108	Microgeographical population structure and adaptation in Atlantic cod <i>Gadus morhua</i> : spatio-temporal insights from gene-associated DNA markers. <i>Marine Ecology - Progress Series</i> , 2011, 436, 231-243.	0.9	28

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109	Effects of predator exposure on Hsp70 expression and survival in tadpoles of the Common Frog (<i>Rana temporaria</i>). Canadian Journal of Zoology, 2011, 89, 1249-1255.	0.4	5
110	Altitudinal and seasonal variation in microsatellite allele frequencies of <i>Drosophila buzzatii</i> . Journal of Evolutionary Biology, 2011, 24, 430-439.	0.8	13
111	Inbreeding affects fecundity of American mink (<i>Neovison vison</i>) in Danish farm mink. Animal Genetics, 2011, 42, 437-439.	0.6	10
112	NO INBREEDING DEPRESSION FOR LOW TEMPERATURE DEVELOPMENTAL ACCLIMATION ACROSS MULTIPLE DROSOPHILA SPECIES. Evolution; International Journal of Organic Evolution, 2011, 65, 3195-3201.	1.1	17
113	Allometric and non-allometric consequences of inbreeding on <i>Drosophila melanogaster</i> wings. Biological Journal of the Linnean Society, 2011, 102, 626-634.	0.7	10
114	Consistent effects of a major QTL for thermal resistance in field-released <i>Drosophila melanogaster</i> . Journal of Insect Physiology, 2011, 57, 1227-1231.	0.9	15
115	Quantitative trait loci for longevity in heat-stressed <i>Drosophila melanogaster</i> . Experimental Gerontology, 2011, 46, 819-826.	1.2	18
116	Slow inbred lines of <i>Drosophila melanogaster</i> express as much inbreeding depression as fast inbred lines under semi-natural conditions. Genetica, 2011, 139, 441-451.	0.5	11
117	Life extension and the position of the hormetic zone depends on sex and genetic background in <i>Drosophila melanogaster</i> . Biogerontology, 2011, 12, 109-117.	2.0	35
118	Flies selected for longevity retain a young gene expression profile. Age, 2011, 33, 69-80.	3.0	43
119	Dietary protein content affects evolution for body size, body fat and viability in <i>Drosophila melanogaster</i> . Biology Letters, 2011, 7, 269-272.	1.0	37
120	Level of Heat Shock Proteins Decreases in Individuals Carrying B-Chromosomes in the Grasshopper <i>Eyprepocnemis plorans</i> . Cytogenetic and Genome Research, 2011, 132, 94-99.	0.6	4
121	Candidate Genes Detected in Transcriptome Studies Are Strongly Dependent on Genetic Background. PLoS ONE, 2011, 6, e15644.	1.1	36
122	Characterization of the shsp genes in <i>Drosophila buzzatii</i> and association between the frequency of Valine mutations in hsp23 and climatic variables along a longitudinal gradient in Australia. Cell Stress and Chaperones, 2010, 15, 271-280.	1.2	6
123	Trait specific consequences of fast and slow inbreeding: lessons from captive populations of <i>Drosophila melanogaster</i> . Conservation Genetics, 2010, 11, 479-488.	0.8	26
124	Genome variability in European and American bison detected using the BovineSNP50 BeadChip. Conservation Genetics, 2010, 11, 627-634.	0.8	46
125	Genetic diversity and landscape genetic structure of otter (<i>Lutra lutra</i>) populations in Europe. Conservation Genetics, 2010, 11, 583-599.	0.8	53
126	Protein and carbohydrate composition of larval food affects tolerance to thermal stress and desiccation in adult <i>Drosophila melanogaster</i> . Journal of Insect Physiology, 2010, 56, 336-340.	0.9	138

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127	Conservation genetics in transition to conservation genomics. <i>Trends in Genetics</i> , 2010, 26, 177-187.	2.9	314
128	Adult heat tolerance variation in <i>Drosophila melanogaster</i> is not related to Hsp70 expression. <i>Journal of Experimental Zoology</i> , 2010, 313A, 35-44.	1.2	42
129	Field tests reveal genetic variation for performance at low temperatures in <i>Drosophila melanogaster</i> . <i>Functional Ecology</i> , 2010, 24, 186-195.	1.7	25
130	Proteomic characterization of a temperature-sensitive conditional lethal in <i>Drosophila melanogaster</i> . <i>Heredity</i> , 2010, 104, 125-134.	1.2	17
131	Developmental acclimation affects clinal variation in stress resistance traits in <i>Drosophila buzzatii</i> . <i>Journal of Evolutionary Biology</i> , 2010, 23, 957-965.	0.8	20
132	Evolutionary Theory and Studies of Model Organisms Predict a Cautiously Positive Perspective on the Therapeutic Use of Hormesis for Healthy Aging in Humans. <i>Dose-Response</i> , 2010, 8, dose-response.0.	0.7	11
133	Assessing re-introductions of the African Wild dog (<i>Lycaon pictus</i>) in the Limpopo Valley Conservancy, South Africa, using the stochastic simulation program VORTEX. <i>Journal for Nature Conservation</i> , 2010, 18, 237-246.	0.8	17
134	Phylogenetic relationships among the European and American bison and seven cattle breeds reconstructed using the BovineSNP50 Illumina Genotyping BeadChip. <i>Acta Theriologica</i> , 2010, 55, 97-108.	1.1	13
135	Research on inbreeding in the genomic era. <i>Trends in Ecology and Evolution</i> , 2010, 25, 44-52.	4.2	114
136	Locomotor activity of <i>Drosophila melanogaster</i> in high temperature environments: plastic and evolutionary responses. <i>Climate Research</i> , 2010, 43, 127-134.	0.4	22
137	Temperature-maternal age interactions on wing traits in outbred <i>Drosophila mercatorum</i> . <i>Climate Research</i> , 2010, 43, 49-56.	0.4	6
138	Genetic variation in heat resistance and HSP70 expression in inbred isofemale lines of the springtail <i>Orchesella cincta</i> . <i>Climate Research</i> , 2010, 43, 41-47.	0.4	22
139	Population viability analysis on domestic horse breeds (<i>Equus caballus</i>)1. <i>Journal of Animal Science</i> , 2009, 87, 3525-3535.	0.2	13
140	Quantitative trait locus for starvation resistance in an intercontinental set of mapping populations of <i>Drosophila melanogaster</i> . <i>Fly</i> , 2009, 3, 247-252.	0.9	3
141	Bioinformatics and protein expression analyses implicate LEA proteins in the drought response of <i>Collembola</i> . <i>Journal of Insect Physiology</i> , 2009, 55, 210-217.	0.9	44
142	Stress specific correlated responses in fat content, Hsp70 and dopamine levels in <i>Drosophila melanogaster</i> selected for resistance to environmental stress. <i>Journal of Insect Physiology</i> , 2009, 55, 700-706.	0.9	4
143	Combined expression patterns of QTL-linked candidate genes best predict thermotolerance in <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2009, 55, 1050-1057.	0.9	19
144	Genomic signatures of local directional selection in a high gene flow marine organism; the Atlantic cod (<i>Gadus morhua</i>). <i>BMC Evolutionary Biology</i> , 2009, 9, 276.	3.2	198

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145	Consequences of outbreeding on phenotypic plasticity in <i>Drosophila mercatorum</i> wings. <i>Evolutionary Ecology</i> , 2009, 23, 403-415.	0.5	8
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