

# Jesper Givskov Sørensen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6773799/publications.pdf>

Version: 2024-02-01

134  
papers

8,441  
citations

66336

42  
h-index

48312

88  
g-index

139  
all docs

139  
docs citations

139  
times ranked

6144  
citing authors

#	ARTICLE	IF	CITATIONS
1	The evolutionary and ecological role of heat shock proteins. <i>Ecology Letters</i> , 2003, 6, 1025-1037.	6.4	1,132
2	Adaptation of <i>Drosophila</i> to temperature extremes: bringing together quantitative and molecular approaches. <i>Journal of Thermal Biology</i> , 2003, 28, 175-216.	2.5	896
3	Water loss in insects: An environmental change perspective. <i>Journal of Insect Physiology</i> , 2011, 57, 1070-1084.	2.0	296
4	Phenotypic variance, plasticity and heritability estimates of critical thermal limits depend on methodological context. <i>Functional Ecology</i> , 2009, 23, 133-140.	3.6	271
5	Genetic variation in thermal tolerance among natural populations of <i>Drosophila buzzatii</i> : down regulation of Hsp70 expression and variation in heat stress resistance traits. <i>Functional Ecology</i> , 2001, 15, 289-296.	3.6	239
6	Metabolomic profiling of rapid cold hardening and cold shock in <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2007, 53, 1218-1232.	2.0	232
7	Changes in membrane lipid composition following rapid cold hardening in <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2005, 51, 1173-1182.	2.0	224
8	Full genome gene expression analysis of the heat stress response in <i>Drosophila melanogaster</i> . <i>Cell Stress and Chaperones</i> , 2005, 10, 312.	2.9	223
9	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.	3.6	214
10	Costs and benefits of cold acclimation in field-released <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 216-221.	7.1	212
11	Metabolomic profiling of heat stress: hardening and recovery of homeostasis in <i>Drosophila</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 291, R205-R212.	1.8	170
12	Larval crowding in <i>Drosophila melanogaster</i> induces Hsp70 expression, and leads to increased adult longevity and adult thermal stress resistance. <i>Journal of Insect Physiology</i> , 2001, 47, 1301-1307.	2.0	168
13	Effects of acclimation temperature on thermal tolerance and membrane phospholipid composition in the fruit fly <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2008, 54, 619-629.	2.0	148
14	Altitudinal variation for stress resistance traits and thermal adaptation in adult <i>Drosophila buzzatii</i> from the New World. <i>Journal of Evolutionary Biology</i> , 2005, 18, 829-837.	1.7	143
15	Mass-rearing of insects for pest management: Challenges, synergies and advances from evolutionary physiology. <i>Crop Protection</i> , 2012, 38, 87-94.	2.1	139
16	Effects of cold- and heat hardening on thermal resistance in <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2003, 49, 719-726.	2.0	128
17	Validity of Thermal Ramping Assays Used to Assess Thermal Tolerance in Arthropods. <i>PLoS ONE</i> , 2012, 7, e32758.	2.5	128
18	Gene expression profile analysis of <i>Drosophila melanogaster</i> selected for resistance to environmental stressors. <i>Journal of Evolutionary Biology</i> , 2007, 20, 1624-1636.	1.7	127

#	ARTICLE	IF	CITATIONS
19	Rapid thermal adaptation during field temperature variations in <i>Drosophila melanogaster</i> . <i>Cryobiology</i> , 2008, 56, 159-162.	0.7	127
20	NORMA-Gene: A simple and robust method for qPCR normalization based on target gene data. <i>BMC Bioinformatics</i> , 2011, 12, 250.	2.6	122
21	Evolutionary and ecological patterns of thermal acclimation capacity in <i>Drosophila</i> : is it important for keeping up with climate change?. <i>Current Opinion in Insect Science</i> , 2016, 17, 98-104.	4.4	113
22	Proteomic profiling of thermal acclimation in <i>Drosophila melanogaster</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2013, 43, 352-365.	2.7	98
23	Sex specific effects of heat induced hormesis in Hsf-deficient <i>Drosophila melanogaster</i> . <i>Experimental Gerontology</i> , 2007, 42, 1123-1129.	2.8	90
24	Heat tolerance and the effect of mild heat stress on reproductive characters in <i>Drosophila buzzatii</i> males. <i>Journal of Thermal Biology</i> , 2006, 31, 280-286.	2.5	81
25	The influence of developmental stage on cold shock resistance and ability to cold-harden in <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2007, 53, 179-186.	2.0	80
26	Application of heat shock protein expression for detecting natural adaptation and exposure to stress in natural populations. <i>Environmental Epigenetics</i> , 2010, 56, 703-713.	1.8	79
27	Reorganization of membrane lipids during fast and slow cold hardening in <i>Drosophila melanogaster</i> . <i>Physiological Entomology</i> , 2006, 31, 328-335.	1.5	77
28	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.	4.0	77
29	Role of HSF activation for resistance to heat, cold and high-temperature knock-down. <i>Journal of Insect Physiology</i> , 2005, 51, 1320-1329.	2.0	76
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.	3.6	74
31	Decreased heat-shock resistance and down-regulation of Hsp70 expression with increasing age in adult <i>Drosophila melanogaster</i> . <i>Functional Ecology</i> , 2002, 16, 379-384.	3.6	63
32	A test of quantitative genetic theory using <i>Drosophila</i> - effects of inbreeding and rate of inbreeding on heritabilities and variance components. <i>Journal of Evolutionary Biology</i> , 2005, 18, 763-770.	1.7	62
33	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.	1.7	62
34	Thermal fluctuations affect the transcriptome through mechanisms independent of average temperature. <i>Scientific Reports</i> , 2016, 6, 30975.	3.3	62
35	Studying stress responses in the post-genomic era: its ecological and evolutionary role. <i>Journal of Biosciences</i> , 2007, 32, 447-456.	1.1	57
36	Body metal concentrations and glycogen reserves in earthworms ( <i>Dendrobaena octaedra</i> ) from contaminated and uncontaminated forest soil. <i>Environmental Pollution</i> , 2011, 159, 190-197.	7.5	53

#	ARTICLE	IF	CITATIONS
37	HSP70 expression in the Copper butterfly <i>Lycaena tityrus</i> across altitudes and temperatures. <i>Journal of Evolutionary Biology</i> , 2009, 22, 172-178.	1.7	52
38	The potential of dietary polyunsaturated fatty acids to modulate eicosanoid synthesis and reproduction in <i>Daphnia magna</i> : A gene expression approach. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2012, 162, 449-454.	1.8	51
39	Climatic adaptation of <i>Drosophila buzzatii</i> populations in southeast Australia. <i>Heredity</i> , 2006, 96, 479-486.	2.6	49
40	A widespread thermodynamic effect, but maintenance of biological rates through space across life's major domains. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181775.	2.6	47
41	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.	1.7	46
42	Cryoprotective dehydration is widespread in Arctic springtails. <i>Journal of Insect Physiology</i> , 2011, 57, 1147-1153.	2.0	45
43	Natural adaptation to environmental stress via physiological clock-regulation of stress resistance in <i>Drosophila</i> . <i>Ecology Letters</i> , 2002, 5, 16-19.	6.4	44
44	Mild heat stress at a young age in <i>Drosophila melanogaster</i> leads to increased Hsp70 synthesis after stress exposure later in life. <i>Journal of Genetics</i> , 2003, 82, 89-94.	0.7	43
45	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.	1.7	43
46	Improving the efficiency of <i>Trichogramma achaeae</i> to control <i>Tuta absoluta</i> . <i>BioControl</i> , 2015, 60, 761-771.	2.0	42
47	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.	1.7	41
48	The rapid cold hardening response of <i>Drosophila melanogaster</i> : Complex regulation across different levels of biological organization. <i>Journal of Insect Physiology</i> , 2014, 62, 46-53.	2.0	39
49	Heat-induced hormesis in longevity of two sibling <i>Drosophila</i> species. <i>Biogerontology</i> , 2007, 8, 315-325.	3.9	38
50	Soil microarthropods are only weakly impacted after 13 years of repeated drought treatment in wet and dry heathland soils. <i>Soil Biology and Biochemistry</i> , 2013, 66, 110-118.	8.8	38
51	Induced cold tolerance mechanisms depend on duration of acclimation in the chill sensitive <i>Folsomia candida</i> (Collembola). <i>Journal of Experimental Biology</i> , 2013, 216, 1991-2000.	1.7	38
52	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.	1.7	38
53	Genetic adaptation of earthworms to copper pollution: is adaptation associated with fitness costs in <i>Dendrobaena octaedra</i> ?. <i>Ecotoxicology</i> , 2011, 20, 563-573.	2.4	37
54	Physiological responses to fluctuating thermal and hydration regimes in the chill susceptible insect, <i>Thaumatotibia leucotreta</i> . <i>Journal of Insect Physiology</i> , 2013, 59, 781-794.	2.0	37

#	ARTICLE	IF	CITATIONS
55	Effects of ozone on gene expression and lipid peroxidation in adults and larvae of the red flour beetle ( <i>Tribolium castaneum</i> ). <i>Journal of Stored Products Research</i> , 2011, 47, 378-384.	2.6	36
56	Candidate Genes Detected in Transcriptome Studies Are Strongly Dependent on Genetic Background. <i>PLoS ONE</i> , 2011, 6, e15644.	2.5	36
57	Laboratory maintenance does not alter ecological and physiological patterns among species: a <i>Drosophila</i> case study. <i>Journal of Evolutionary Biology</i> , 2018, 31, 530-542.	1.7	33
58	Bottlenecks, population differentiation and apparent selection at microsatellite loci in Australian <i>Drosophila buzzatii</i> . <i>Heredity</i> , 2009, 102, 389-401.	2.6	29
59	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.	2.0	29
60	Increased frequency of drought reduces species richness of enchytraeid communities in both wet and dry heathland soils. <i>Soil Biology and Biochemistry</i> , 2012, 53, 43-49.	8.8	28
61	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.	1.6	27
62	Rising air temperatures will increase intertidal mussel abundance in the Arctic. <i>Marine Ecology - Progress Series</i> , 2017, 584, 91-104.	1.9	26
63	Post-eclosion decline in "knock-down" thermal resistance and reduced effect of heat hardening in <i>Drosophila melanogaster</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2007, 146, 355-359.	1.8	25
64	Lessons from the use of genetically modified <i>Drosophila melanogaster</i> in ecological studies: Hsf mutant lines show highly trait-specific performance in field and laboratory thermal assays. <i>Functional Ecology</i> , 2009, 23, 240-247.	3.6	25
65	Field tests reveal genetic variation for performance at low temperatures in <i>Drosophila melanogaster</i> . <i>Functional Ecology</i> , 2010, 24, 186-195.	3.6	25
66	Physiological and molecular mechanisms associated with cross tolerance between hypoxia and low temperature in <i>Thaumatotibia leucotreta</i> . <i>Journal of Insect Physiology</i> , 2015, 82, 75-84.	2.0	25
67	Complex patterns of geographic variation in heat tolerance and Hsp70 expression levels in the common frog <i>Rana temporaria</i> . <i>Journal of Thermal Biology</i> , 2009, 34, 49-54.	2.5	24
68	Tropical to subpolar gradient in phospholipid composition suggests adaptive tuning of biological membrane function in drosophilids. <i>Functional Ecology</i> , 2016, 30, 759-768.	3.6	24
69	Upper thermal tolerance in aquatic insects. <i>Current Opinion in Insect Science</i> , 2015, 11, 78-83.	4.4	23
70	Cold acclimation reduces predation rate and reproduction but increases cold- and starvation tolerance in the predatory mite <i>Gaeolaelaps aculeifer</i> Canestrini. <i>Biological Control</i> , 2017, 114, 150-157.	3.0	23
71	Acclimation responses to short-term temperature treatments during early life stages causes long lasting changes in spontaneous activity of adult <i>Drosophila melanogaster</i> . <i>Physiological Entomology</i> , 2017, 42, 404-411.	1.5	23
72	Phototransduction genes are up-regulated in a global gene expression study of <i>Drosophila melanogaster</i> selected for heat resistance. <i>Cell Stress and Chaperones</i> , 2006, 11, 325.	2.9	23

#	ARTICLE	IF	CITATIONS
73	Interactions between controlled atmospheres and low temperature tolerance: a review of biochemical mechanisms. <i>Frontiers in Physiology</i> , 2011, 2, 92.	2.8	22
74	Variation in metallothionein gene expression is associated with adaptation to copper in the earthworm <i>Dendrobaena octaedra</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2013, 157, 220-226.	2.6	22
75	Temperature preference across life stages and acclimation temperatures investigated in four species of <i>Drosophila</i> . <i>Journal of Thermal Biology</i> , 2019, 86, 102428.	2.5	22
76	Locomotor activity of <i>Drosophila melanogaster</i> in high temperature environments: plastic and evolutionary responses. <i>Climate Research</i> , 2010, 43, 127-134.	1.1	22
77	Cold tolerance is unaffected by oxygen availability despite changes in anaerobic metabolism. <i>Scientific Reports</i> , 2016, 6, 32856.	3.3	20
78	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.	1.9	20
79	Cold acclimation increases depolarization resistance and tolerance in muscle fibers from a chill-susceptible insect, <i>Locusta migratoria</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 319, R439-R447.	1.8	20
80	Effects of relative emergence time on heat stress resistance traits, longevity and hsp70 expression level in <i>Drosophila melanogaster</i> . <i>Journal of Thermal Biology</i> , 2004, 29, 195-203.	2.5	19
81	Temporal gene expression profiles in a palaeartic springtail as induced by desiccation, cold exposure and during recovery. <i>Functional Ecology</i> , 2010, 24, 838-846.	3.6	18
82	Evolutionary adaptation to environmental stressors: a common response at the proteomic level. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1627-1642.	2.3	18
83	High spatial variation in terrestrial arthropod species diversity and composition near the Greenland ice cap. <i>Polar Biology</i> , 2016, 39, 2263-2272.	1.2	17
84	Critical thermal limits affected differently by developmental and adult thermal fluctuations. <i>Journal of Experimental Biology</i> , 2017, 220, 4471-4478.	1.7	17
85	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.	2.0	17
86	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.	2.5	17
87	Are commercial stocks of biological control agents genetically depauperate? – A case study on the pirate bug <i>Orius majusculus</i> Reuter. <i>Biological Control</i> , 2018, 127, 31-38.	3.0	16
88	A replicated climate change field experiment reveals rapid evolutionary response in an ecologically important soil invertebrate. <i>Global Change Biology</i> , 2016, 22, 2370-2379.	9.5	15
89	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.	2.0	15
90	Physiological and molecular responses of springtails exposed to phenanthrene and drought. <i>Environmental Pollution</i> , 2014, 184, 370-376.	7.5	14

#	ARTICLE	IF	CITATIONS
91	Molecular Responses to Thermal and Osmotic Stress in Arctic Intertidal Mussels ( <i>Mytilus edulis</i> ): The Limits of Resilience. <i>Genes</i> , 2022, 13, 155.	2.4	14
92	Roles of carbohydrate reserves for local adaptation to low temperatures in the freeze tolerant oligochaete <i>Enchytraeus albidus</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2014, 184, 167-177.	1.5	13
93	Geographic variation in responses of European yellow dung flies to thermal stress. <i>Journal of Thermal Biology</i> , 2018, 73, 41-49.	2.5	13
94	Heat tolerance and gene expression responses to heat stress in threespine sticklebacks from ecologically divergent environments. <i>Journal of Thermal Biology</i> , 2018, 75, 88-96.	2.5	13
95	Ecologically relevant stress resistance: from microarrays and quantitative trait loci to candidate genes – A research plan and preliminary results using <i>Drosophila</i> as a model organism and climatic and genetic stress as model stresses. <i>Journal of Biosciences</i> , 2004, 29, 503-511.	1.1	12
96	Freshening increases the susceptibility to heat stress in intertidal mussels ( <i>Mytilus edulis</i> ) from the Arctic. <i>Journal of Animal Ecology</i> , 2021, 90, 1515-1524.	2.8	12
97	Acclimation, duration and intensity of cold exposure determine the rate of cold stress accumulation and mortality in <i>Drosophila suzukii</i> . <i>Journal of Insect Physiology</i> , 2021, 135, 104323.	2.0	12
98	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.	1.6	11
99	Chilling slows anaerobic metabolism to improve anoxia tolerance of insects. <i>Metabolomics</i> , 2016, 12, 1.	3.0	11
100	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.	2.6	11
101	A transcriptomics assessment of oxygen-temperature interactions reveals novel candidate genes underlying variation in thermal tolerance and survival. <i>Journal of Insect Physiology</i> , 2018, 106, 179-188.	2.0	11
102	Testing the thermal limits: Non-linear reaction norms drive disparate thermal acclimation responses in <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2019, 118, 103946.	2.0	11
103	Behavioural and physiological responses to thermal stress in a social spider. <i>Functional Ecology</i> , 2021, 35, 2728-2742.	3.6	11
104	Temperature-Induced Hormesis in <i>Drosophila</i> . , 2008, , 65-79.		10
105	Genetic variability and evolution of cold-tolerance. , 0, , 276-296.		9
106	Pronounced Plastic and Evolutionary Responses to Unpredictable Thermal Fluctuations in <i>Drosophila simulans</i> . <i>Frontiers in Genetics</i> , 2020, 11, 555843.	2.3	9
107	Freezing of body fluids induces metallothionein gene expression in earthworms ( <i>Dendrobaena</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 44-48.	2.6	8
108	Transcriptome sequencing, de novo assembly and annotation of the freeze tolerant earthworm, <i>Dendrobaena octaedra</i> . <i>Gene Reports</i> , 2018, 13, 180-191.	0.8	8

#	ARTICLE	IF	CITATIONS
109	Contrasting Manual and Automated Assessment of Thermal Stress Responses and Larval Body Size in Black Soldier Flies and Houseflies. <i>Insects</i> , 2021, 12, 380.	2.2	8
110	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.	1.5	7
111	Food quality of <i>Ephestia</i> eggs, the aphid <i>Rhopalosiphum padi</i> and mixed diet for <i>Orius majusculus</i> . <i>Journal of Applied Entomology</i> , 2020, 144, 251-262.	1.8	7
112	A comparison of low temperature biology of <i>Pieris rapae</i> from Ontario, Canada, and Yakutia, Far Eastern Russia. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2020, 242, 110649.	1.8	7
113	What can physiological capacity and behavioural choice tell us about thermal adaptation?. <i>Biological Journal of the Linnean Society</i> , 2021, 132, 44-52.	1.6	7
114	Temperature Affects Biological Control Efficacy: A Microcosm Study of <i>Trichogramma achaeae</i> . <i>Insects</i> , 2021, 12, 95.	2.2	7
115	Joint impact of competition, summer precipitation, and maternal effects on survival and reproduction in the perennial <i>Hieracium umbellatum</i> . <i>Evolutionary Ecology</i> , 2018, 32, 529-545.	1.2	6
116	Evidence for genetic isolation and local adaptation in the field cricket <i>Gryllus campestris</i> . <i>Journal of Evolutionary Biology</i> , 2021, 34, 1624-1636.	1.7	6
117	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.	3.3	6
118	Effects of predator exposure on Hsp70 expression and survival in tadpoles of the Common Frog ( <i>Rana temporaria</i> ). <i>Canadian Journal of Zoology</i> , 2011, 89, 1249-1255.	1.0	5
119	Candidate gene expression associated with geographical variation in cryoprotective dehydration of <i>Megaphorura arctica</i> . <i>Journal of Insect Physiology</i> , 2013, 59, 804-811.	2.0	5
120	Interactive effects of temperature and time on cold tolerance and spring predation in overwintering soil predatory mites ( <i>Gaeolaelaps aculeifer</i> Canestrini). <i>Biological Control</i> , 2019, 132, 169-176.	3.0	5
121	Prey-specific impact of cold exposure on kill rate and reproduction. <i>Journal of Animal Ecology</i> , 2019, 88, 258-268.	2.8	5
122	No costs on freeze tolerance in genetically copper adapted earthworm populations ( <i>Dendrobaena</i> ). <i>Journal of Animal Ecology</i> , 2021, 90, 204-207.	2.6	4
123	Molecular and physiological insights into the potential efficacy of CO <sub>2</sub> -augmented postharvest cold treatments for false codling moth. <i>Postharvest Biology and Technology</i> , 2017, 132, 109-118.	6.0	4
124	Prey-specific experience affects prey preference and time to kill in the soil predatory mite <i>Gaeolaelaps aculeifer</i> Canestrini. <i>Biological Control</i> , 2019, 139, 104076.	3.0	4
125	Validating the automation of different measures of high temperature tolerance of small terrestrial insects. <i>Journal of Insect Physiology</i> , 2022, 137, 104362.	2.0	4
126	Analysis of heat and cold tolerance of a freeze-tolerant soil invertebrate distributed from temperate to Arctic regions: evidence of selection for extreme cold tolerance. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2022, 192, 435-445.	1.5	3



#	ARTICLE	IF	CITATIONS
127	Molecular mechanisms underlying plasticity in a thermally varying environment. <i>Molecular Ecology</i> , 2022, , .	3.9	3
128	Drawing the line: Linear or non-linear reaction norms in response to adult acclimation on lower thermal limits. <i>Journal of Insect Physiology</i> , 2020, 124, 104075.	2.0	2
129	Acclimation for optimisation: effects of temperature on development, reproduction and size of <i>Trichogramma achaeae</i> . <i>Biocontrol Science and Technology</i> , 2022, 32, 60-73.	1.3	2
130	Harnessing thermal plasticity to enhance the performance of mass-reared insects: opportunities and challenges. <i>Bulletin of Entomological Research</i> , 2022, , 1-10.	1.0	2
131	Field and laboratory studies on drought tolerance and water balance in adult <i>Pergalumna nervosa</i> (Acari: Oribatida: Galumnidae). <i>European Journal of Entomology</i> , 0, 114, 86-91.	1.2	1
132	Costs of adaptation and expression of metallothionein in earthworm populations adapted to copper polluted soils. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2012, 163, S13.	1.8	0
133	Survival and predation rate of wild-caught and commercially produced <i>Orius majusculus</i> (Reuter) (Hemiptera: Anthocoridae). <i>Bulletin of Entomological Research</i> , 2021, , 1-7.	1.0	0
134	Tetraploid <i>Lolium Perenne</i> genotypes Identified in Danish Semi-Natural Habitats. <i>American International Journal of Biology</i> , 2014, 2, .	0.2	0