Robby Stoks

List of Publications by Year
in descending order

279 papers	11,325 citations	30070 54 h-index	53230 85 g-index
280 all docs	280 docs citations	280 times ranked	7879 citing authors

#	Article	IF	Citations
1	Acute warming increases pesticide toxicity more than transgenerational warming by reducing the energy budget. Science of the Total Environment, 2022, 805, 150373.	8.0	8
2	Cryptic ecoâ€evolutionary feedback in the city: Urban evolution of prey dampens the effect of urban evolution of the predator. Journal of Animal Ecology, 2022, 91, 514-526.	2.8	10
3	Warming, temperature fluctuations and thermal evolution change the effects of microplastics at an environmentally relevant concentration. Environmental Pollution, 2022, 292, 118363.	7.5	29
4	Multigenerational effects modify the tolerance of mosquito larvae to chlorpyrifos but not to a heat spike and do not change their synergism. Environmental Pollution, 2022, 292, 118333.	7.5	5
5	Convergence of life history and physiology during range expansion toward the phenotype of the native sister species. Science of the Total Environment, 2022, 816, 151530.	8.0	2
6	Adaptive and Maladaptive Consequences of Larval Stressors for Metamorphic and Postmetamorphic Traits and Fitness. Fascinating Life Sciences, 2022, , 217-265.	0.9	4
7	Thermal plasticity and evolution shape predatorâ€“prey interactions differently in clear and turbid water bodies. Journal of Animal Ecology, 2022, 91, 883-894.	2.8	4
8	A fast pace-of-life is traded off against a high thermal performance. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20212414.	2.6	17
9	Scared to evolve? Non-consumptive effects drive rapid adaptive evolution in a natural prey population. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20220188.	2.6	3
10	Evolution of pesticide tolerance and associated changes in the microbiome in the water flea Daphnia magna. Ecotoxicology and Environmental Safety, 2022, 240, 113697.	6.0	6
11	Genetic variation of the interaction type between two stressors in a single population: From antagonism to synergism when combining a heat spike and a pesticide. Environmental Pollution, 2022, , 119654.	7.5	2
12	Editorial overview: Global Change: Coping with the complexity of interacting stressors, interacting responses, and their feedback loops. Current Opinion in Insect Science, 2022, , 100949.	4.4	0
13	Phenological Shifts in a Warming World Affect Physiology and Life History in a Damselfly. Insects, 2022, 13, 622.	2.2	5
14	Lower bioenergetic costs but similar immune responsiveness under a heat wave in urban compared to rural damselflies. Evolutionary Applications, 2021, 14, 24-35.	3.1	18
15	Seasonal time constraints shape life history, physiology and behaviour independently, and decouple a behavioural syndrome in a damselfly. Oikos, 2021, 130, 274-286.	2.7	4
16	Daily temperature variation lowers the lethal and sublethal impact of a pesticide pulse due to a higher degradation rate. Chemosphere, 2021, 263, 128114.	8.2	11
17	Locally adapted gut microbiomes mediate host stress tolerance. ISME Journal, 2021, 15, 2401-2414.	9.8	30
18	Resurrecting the metabolome: Rapid evolution magnifies the metabolomic plasticity to predation in a natural Daphnia population. Molecular Ecology, 2021, 30, 2285-2297.	3.9	6

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19	Evolution of cold tolerance and thermal plasticity in life history, behaviour and physiology during a poleward range expansion. Journal of Animal Ecology, 2021, 90, 1666-1677.	2.8	16
20	Thermal evolution ameliorates the longâ€term plastic effects of warming, temperature fluctuations and heat waves on predatorâ€“prey interaction strength. Functional Ecology, 2021, 35, 1538-1549.	3.6	12
21	The impact of salinity on a saline water insect: Contrasting survival and energy budget. Journal of Insect Physiology, 2021, 131, 104224.	2.0	9
22	Hox dosage contributes to flight appendage morphology in Drosophila. Nature Communications, 2021, 12, 2892.	12.8	30
23	Higher mean and fluctuating temperatures jointly determine the impact of the pesticide chlorpyrifos on the growth rate and leaf consumption of a freshwater isopod. Chemosphere, 2021, 273, 128528.	8.2	10
24	Sizeâ€mediated priority effects are traitâ€dependent and consistent across latitudes in a damselfly. Oikos, 2021, 130, 1535-1547.	2.7	11
25	The pace-of life explains whether gills improve or exacerbate pesticide sensitivity in a damselfly larva. Environmental Pollution, 2021, 282, 117019.	7.5	6
26	Transgenerational exposure to warming reduces the sensitivity to a pesticide under warming. Environmental Pollution, 2021, 284, 117217.	7.5	9
27	Evolution of tolerance to chlorpyrifos causes cross-tolerance to another organophosphate and a carbamate, but reduces tolerance to a neonicotinoid and a pharmaceutical. Aquatic Toxicology, 2021, 240, 105980.	4.0	5
28	Effects of predator cues and pesticide resistance on the toxicity of a (bio)pesticide mixture. Pest Management Science, 2020, 76, 1448-1455.	3.4	7
29	Effects of pesticide exposure and predation risk on nutrient cycling and primary production. Science of the Total Environment, 2020, 705, 135880.	8.0	6
30	The effect of warming on pesticide toxicity is reversed between developmental stages in the mosquito Culex pipiens. Science of the Total Environment, 2020, 717, 134811.	8.0	13
31	Urbanization drives crossâ€taxon declines in abundance and diversity at multiple spatial scales. Global Change Biology, 2020, 26, 1196-1211.	9.5	167
32	Negative bioenergetic responses to pesticides in damselfly larvae are more likely when it is hotter and when temperatures fluctuate. Chemosphere, 2020, 243, 125369.	8.2	24
33	Reduced stress defence responses contribute to the higher toxicity of a pesticide under warming. Molecular Ecology, 2020, 29, 4735-4748.	3.9	10
34	Genetic compensation rather than genetic assimilation drives the evolution of plasticity in response to mild warming across latitudes in a damselfly. Molecular Ecology, 2020, 29, 4823-4834.	3.9	17
35	Thermal evolution of life history and heat tolerance during range expansions toward warmer and cooler regions. Ecology, 2020, 101, e03134.	3.2	14
36	The Exposure Order Strongly Modifies How a Heat Spike Increases Pesticide Toxicity. Environmental Science & Technology, 2020, 54, 11476-11484.	10.0	15

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37	Live fast, die old: oxidative stress as a potential mediator of an unexpected lifeâ€history evolution. Oikos, 2020, 129, 1330-1340.	2.7	5
38	Towards a unified study of multiple stressors: divisions and common goals across research disciplines. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200421.	2.6	191
39	Oxidative stress mediates rapid compensatory growth and its costs. Functional Ecology, 2020, 34, 2087-2097.	3.6	15
40	Support for the climatic variability hypothesis depends on the type of thermal plasticity: lessons from predation rates. Oikos, 2020, 129, 1040-1050.	2.7	6
41	Effects of thermal evolution on the stoichiometric responses to nano-ZnO under warming are not general: insights from experimental evolution. Ecotoxicology, 2020, 29, 175-184.	2.4	3
42	Strong species differences in life history do not predict oxidative stress physiology or sensitivity to an environmental oxidant. Journal of Animal Ecology, 2020, 89, 1711-1721.	2.8	3
43	Mosquito larvae that survive a heat spike are less sensitive to subsequent exposure to the pesticide chlorpyrifos. Environmental Pollution, 2020, 265, 114824.	7.5	13
44	Latitudeâ€associated evolution and drivers of thermal response curves in body stoichiometry. Journal of Animal Ecology, 2019, 88, 1961-1972.	2.8	14
45	Temperature variation magnifies chlorpyrifos toxicity differently between larval and adult mosquitoes. Science of the Total Environment, 2019, 690, 1237-1244.	8.0	21
46	Shrinking Body Size and Physiology Contribute to Geographic Variation and the Higher Toxicity of Pesticides in a Warming World. Environmental Science & Technology, 2019, 53, 11515-11523.	10.0	18
47	Resistance to a chemical pesticide increases vulnerability to a biopesticide: Effects on direct mortality and mortality by predation. Aquatic Toxicology, 2019, 216, 105310.	4.0	14
48	Predator species related adaptive changes in larval growth and digestive physiology. Journal of Insect Physiology, 2019, 114, 23-29.	2.0	1
49	Rapid evolution in response to warming does not affect the toxicity of a pollutant: Insights from experimental evolution in heated mesocosms. Evolutionary Applications, 2019, 12, 977-988.	3.1	10
50	Using natural laboratories to study evolution to global warming: contrasting altitudinal, latitudinal, and urbanization gradients. Current Opinion in Insect Science, 2019, 35, 10-19.	4.4	40
51	Additive bioenergetic responses to a pesticide and predation risk in an aquatic insect. Aquatic Toxicology, 2019, 212, 205-213.	4.0	14
52	Whether warming magnifies the toxicity of a pesticide is strongly dependent on the concentration and the null model. Aquatic Toxicology, 2019, 211, 38-45.	4.0	20
53	Eco-immunology of native and invasive water bugs in response to water mite parasites: insights from phenoloxidase activity. Biological Invasions, 2019, 21, 2431-2445.	2.4	8
54	Increased Daily Temperature Fluctuations Overrule the Ability of Gradual Thermal Evolution to Offset the Increased Pesticide Toxicity under Global Warming. Environmental Science & Technology, 2019, 53, 4600-4608.	10.0	44

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55	Current and future daily temperature fluctuations make a pesticide more toxic: Contrasting effects on life history and physiology. Environmental Pollution, 2019, 248, 209-218.	7.5	30
56	Pace of life syndrome under warming and pollution: integrating life history, behavior, and physiology across latitudes. Ecological Monographs, 2019, 89, e01332.	5.4	55
57	Analysing ecoâ€evolutionary dynamicsâ€"The challenging complexity of the real world. Functional Ecology, 2019, 33, 43-59.	3.6	80
58	Daily temperature variation magnifies the toxicity of a mixture consisting of a chemical pesticide and a biopesticide in a vector mosquito. Science of the Total Environment, 2019, 659, 33-40.	8.0	25
59	An adaptive transgenerational effect of warming but not of pesticide exposure determines how a pesticide and warming interact for antipredator behaviour. Environmental Pollution, 2019, 245, 307-315.	7.5	17
60	Temperature variation makes an ectotherm more sensitive to global warming unless thermal evolution occurs. Journal of Animal Ecology, 2019, 88, 624-636.	2.8	48
61	Population-, sex- and individual level divergence in life-history and activity patterns in an annual killifish. PeerJ, 2019, 7, e7177.	2.0	15
62	A widespread morphological antipredator mechanism reduces the sensitivity to pesticides and increases the susceptibility to warming. Science of the Total Environment, 2018, 626, 1230-1235.	8.0	17
63	Voltinism-associated differences in winter survival across latitudes: integrating growth, physiology, and food intake. Oecologia, 2018, 186, 919-929.	2.0	9
64	Rapid larval development under time stress reduces adult life span through increasing oxidative damage. Functional Ecology, 2018, 32, 1036-1045.	3.6	42
65	Thermal evolution offsets the elevated toxicity of a contaminant under warming: A resurrection study in Daphnia magna. Evolutionary Applications, 2018, 11, 1425-1436.	3.1	19
66	Warming under seminatural outdoor conditions in the larval stage negatively affects insect flight performance. Biology Letters, 2018, 14, 20180121.	2.3	5
67	Transgenerational interactions between pesticide exposure and warming in a vector mosquito. Evolutionary Applications, 2018, 11, 906-917.	3.1	39
68	Genetic adaptation as a biological buffer against climate change: Potential and limitations. Integrative Zoology, 2018, 13, 372-391.	2.6	56
69	Pathways to fitness: carryâ€over effects of late hatching and urbanisation on lifetime mating success. Oikos, 2018, 127, 949-959.	2.7	17
70	Kin competition accelerates experimental range expansion in an arthropod herbivore. Ecology Letters, 2018, 21, 225-234.	6.4	46
71	Competition magnifies the impact of a pesticide in a warming world by reducing heat tolerance and increasing autotomy. Environmental Pollution, 2018, 233, 226-234.	7.5	18
72	Stoichiometric responses to nano ZnO under warming are modified by thermal evolution in Daphnia magna. Aquatic Toxicology, 2018, 202, 90-96.	4.0	6

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73	Evolution of geographic variation in thermal performance curves in the face of climate change and implications for biotic interactions. Current Opinion in Insect Science, 2018, 29, 78-84.	4.4	34
74	Urbanization drives genetic differentiation in physiology and structures the evolution of pace-of-life syndromes in the water flea Daphnia magna. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180169.	2.6	31
75	Combined effects of cadmium exposure and temperature on the annual killifish (Nothobranchius) Tj ETQq1 1 0.784314 rgBT /Over	4.3	26
76	Oviposition plant choice maximizes offspring fitness in an aquatic predatory insect. Hydrobiologia, 2018, 823, 1-12.	2.0	15
77	Strong differences between two congeneric species in sensitivity to pesticides in a warming world. Science of the Total Environment, 2018, 618, 60-69.	8.0	8
78	Within-season variation in sexual selection on flight performance and flight-related traits in a damselfly. Evolutionary Ecology, 2017, 31, 21-36.	1.2	5
79	Selection on escape performance during ecological speciation driven by predation. Animal Behaviour, 2017, 124, 153-159.	1.9	10
80	Integrating both interaction pathways between warming and pesticide exposure on upper thermal tolerance in high- and low-latitude populations of an aquatic insect. Environmental Pollution, 2017, 224, 714-721.	7.5	48
81	New records of host-parasite relationships between Coenagrion scitulum (Rambur, 1842) (Odonata) and water mite larvae (Hydrachnidia) in core and edge host populations. Acta Parasitologica, 2017, 62, 38-45.	1.1	5
82	Strong Delayed Interactive Effects of Metal Exposure and Warming: Latitude-Dependent Synergisms Persist Across Metamorphosis. Environmental Science & Technology, 2017, 51, 2409-2417.	10.0	50
83	Egg hatching phenology and success of Lestes macrostigma in two temporary brackish ponds. International Journal of Odonatology, 2017, 20, 1-12.	0.5	5
84	Chlorpyrifos-induced oxidative damage is reduced under warming and predation risk: Explaining antagonistic interactions with a pesticide. Environmental Pollution, 2017, 226, 79-88.	7.5	41
85	The heat is on: Genetic adaptation to urbanization mediated by thermal tolerance and body size. Global Change Biology, 2017, 23, 5218-5227.	9.5	141
86	Latitudinal and age-specific patterns of larval mortality in the damselfly Lestes sponsa: Senescence before maturity?. Experimental Gerontology, 2017, 95, 107-115.	2.8	9
87	Integrating multiple stressors across life stages and latitudes: Combined and delayed effects of an egg heat wave and larval pesticide exposure in a damselfly. Aquatic Toxicology, 2017, 186, 113-122.	4.0	32
88	Wing shape-mediated carry-over effects of a heat wave during the larval stage on post-metamorphic locomotor ability. Oecologia, 2017, 184, 279-291.	2.0	27
89	Negative effects of pesticides under global warming can be counteracted by a higher degradation rate and thermal adaptation. Journal of Applied Ecology, 2017, 54, 1847-1855.	4.0	42
90	Stoichiometric Responses to an Agricultural Pesticide Are Modified by Predator Cues. Environmental Science & Technology, 2017, 51, 581-588.	10.0	17

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91	Beneficial effects of a heat wave: higher growth and immune components driven by a higher food intake. Journal of Experimental Biology, 2017, 220, 3908-3915.	1.7	17
92	Sexual selection reinforces a higher flight endurance in urban damselflies. Evolutionary Applications, 2017, 10, 694-703.	3.1	22
93	Microgeographic differentiation in thermal performance curves between rural and urban populations of an aquatic insect. Evolutionary Applications, 2017, 10, 1067-1075.	3.1	50
94	Carry-Over Effects Across Metamorphosis of a Pesticide on Female Lifetime Fitness Strongly Depend on Egg Hatching Phenology: A Longitudinal Study under Seminatural Conditions. Environmental Science & Technology, 2017, 51, 13949-13956.	10.0	8
95	Stronger effects of Roundup than its active ingredient glyphosate in damselfly larvae. Aquatic Toxicology, 2017, 193, 210-216.	4.0	35
96	Pesticide-induced changes in personality depend on the urbanization level. Animal Behaviour, 2017, 134, 45-55.	1.9	20
97	Daily temperature variation and extreme high temperatures drive performance and biotic interactions in a warming world. Current Opinion in Insect Science, 2017, 23, 35-42.	4.4	65
98	Integrating trait multidimensionality, predation and autotomy to explain the maintenance of boldness. Animal Behaviour, 2017, 130, 97-105.	1.9	8
99	Testing the time-scale dependence of delayed interactions: A heat wave during the egg stage shapes how a pesticide interacts with a successive heat wave in the larval stage. Environmental Pollution, 2017, 230, 351-359.	7.5	8
100	Single and mixture impacts of two pyrethroids on damselfly predatory behavior and physiological biomarkers. Aquatic Toxicology, 2017, 190, 70-77.	4.0	12
101	Low larval densities in northern populations reinforce range expansion by a Mediterranean damselfly. Freshwater Biology, 2016, 61, 1430-1441.	2.4	3
102	Rapid evolution of antioxidant defence in a natural population of Daphnia magna. Journal of Evolutionary Biology, 2016, 29, 1328-1337.	1.7	13
103	Resurrecting complexity: the interplay of plasticity and rapid evolution in the multiple trait response to strong changes in predation pressure in the water flea Daphnia magna. Ecology Letters, 2016, 19, 180-190.	6.4	115
104	Integrating the paceâ€ofâ€life syndrome across species, sexes and individuals: covariation of life history and personality under pesticide exposure. Journal of Animal Ecology, 2016, 85, 726-738.	2.8	57
105	Synthetic predator cues impair immune function and make the biological pesticide Bti more lethal for vector mosquitoes. Ecological Applications, 2016, 26, 355-366.	3.8	26
106	Delayed effects of chlorpyrifos across metamorphosis on dispersal-related traits in a poleward moving damselfly. Environmental Pollution, 2016, 218, 634-643.	7.5	23
107	Spatial Selection and Local Adaptation Jointly Shape Life-History Evolution during Range Expansion. American Naturalist, 2016, 188, 485-498.	2.1	42
108	Exposure to a heat wave under food limitation makes an agricultural insecticide lethal: a mechanistic laboratory experiment. Global Change Biology, 2016, 22, 3361-3372.	9.5	59

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109	Rapid evolution of increased vulnerability to an insecticide at the expansion front in a polewardâ€moving damselfly. Evolutionary Applications, 2016, 9, 450-461.	3.1	19
110	Evolution determines how global warming and pesticide exposure will shape predatorâ€“prey interactions with vector mosquitoes. Evolutionary Applications, 2016, 9, 818-830.	3.1	27
111	Odonata (dragonflies and damselflies) as a bridge between ecology and evolutionary genomics. Frontiers in Zoology, 2016, 13, 46.	2.0	75
112	Metabolic adaptations in a rangeâ€expanding arthropod. Ecology and Evolution, 2016, 6, 6556-6564.	1.9	8
113	Energy storage and fecundity explain deviations from ecological stoichiometry predictions under global warming and sizeâ€selective predation. Journal of Animal Ecology, 2016, 85, 1431-1441.	2.8	39
114	Short- and long-term behavioural, physiological and stoichiometric responses to predation risk indicate chronic stress and compensatory mechanisms. Oecologia, 2016, 181, 347-357.	2.0	57
115	Integrating ecology and evolution in aquatic toxicology: insights from damselflies. Freshwater Science, 2015, 34, 1032-1039.	1.8	31
116	Larval <scp>UV</scp> exposure impairs adult immune function through a tradeâ€off with larval investment in cuticular melanin. Functional Ecology, 2015, 29, 1292-1299.	3.6	49
117	Warming reinforces nonconsumptive predator effects on prey growth, physiology, and body stoichiometry. Ecology, 2015, 96, 3270-3280.	3.2	41
118	Neutral and adaptive genomic signatures of rapid poleward range expansion. Molecular Ecology, 2015, 24, 6163-6176.	3.9	44
119	Genetic signature of the colonisation dynamics along a coastal expansion front in the damselfly Coenagrion scitulum. Ecological Entomology, 2015, 40, 353-361.	2.2	1
120	Ontogenetic changes in genetic variances of age-dependent plasticity along a latitudinal gradient. Heredity, 2015, 115, 366-378.	2.6	32
121	The evolution of thermal performance can constrain dispersal during range shifting. Journal of Biological Dynamics, 2015, 9, 317-335.	1.7	15
122	Combined effects of larval exposure to a heat wave and chlorpyrifos in northern and southern populations of the damselfly Ischnura elegans. Chemosphere, 2015, 128, 148-154.	8.2	31
123	Higher investment in flight morphology does not trade off with fecundity estimates in a poleward rangeâ€expanding damselfly. Ecological Entomology, 2015, 40, 133-142.	2.2	14
124	Urbanisation shapes behavioural responses to a pesticide. Aquatic Toxicology, 2015, 163, 81-88.	4.0	28
125	Empirically simulated spatial sorting points at fast epigenetic changes in dispersal behaviour. Evolutionary Ecology, 2015, 29, 299-310.	1.2	23
126	Warmer winters modulate life history and energy storage but do not affect sensitivity to a widespread pesticide in an aquatic insect. Aquatic Toxicology, 2015, 167, 38-45.	4.0	17

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127	The interplay of adult and larval time constraints shapes species differences in larval life history. Ecology, 2015, 96, 1128-1138.	3.2	30
128	Chronic Predation Risk Reduces Escape Speed by Increasing Oxidative Damage: A Deadly Cost of an Adaptive Antipredator Response. PLoS ONE, 2014, 9, e101273.	2.5	39
129	Reinforcing effects of non-pathogenic bacteria and predation risk: from physiology to life history. Oecologia, 2014, 176, 323-332.	2.0	16
130	Unravelling the effects of contemporary and historical range expansion on the distribution of genetic diversity in the damselfly Coenagrion scitulum. Journal of Evolutionary Biology, 2014, 27, 748-759.	1.7	16
131	Local adaptation and the potential effects of a contaminant on predator avoidance and antipredator responses under global warming: a spaceâ€forâ€time substitution approach. Evolutionary Applications, 2014, 7, 421-430.	3.1	33
132	Temperatureâ€•and latitudeâ€specific individual growth rates shape the vulnerability of damselfly larvae to a widespread pesticide. Journal of Applied Ecology, 2014, 51, 919-928.	4.0	77
133	Evolutionary and plastic responses of freshwater invertebrates to climate change: realized patterns and future potential. Evolutionary Applications, 2014, 7, 42-55.	3.1	161
134	What factors shape female phenotypes of a poleward-moving damselfly at the edge of its range?. Biological Journal of the Linnean Society, 2014, 112, 556-568.	1.6	28
135	Extreme temperatures in the adult stage shape delayed effects of larval pesticide stress: A comparison between latitudes. Aquatic Toxicology, 2014, 148, 74-82.	4.0	41
136	Behavioural, physiological and biochemical markers in damselfly larvae (Ischnura elegans) to assess effects of accumulated metal mixtures. Science of the Total Environment, 2014, 470-471, 208-215.	8.0	17
137	Nonâ€pathogenic aquatic bacteria activate the immune system and increase predation risk in damselfly larvae. Freshwater Biology, 2014, 59, 417-426.	2.4	10
138	Integrating largeâ€scale geographic patterns in flight morphology, flight characteristics and sexual selection in a rangeâ€expanding damselfly. Ecography, 2014, 37, 1012-1021.	4.5	20
139	Competitive interactions modify the temperature dependence of damselfly growth rates. Ecology, 2014, 95, 1394-1406.	3.2	20
140	Additive effects of predator cues and dimethoate on different levels of biological organisation in the non-biting midge Chironomus riparius. Aquatic Toxicology, 2014, 155, 236-243.	4.0	8
141	Ecological and evolutionary drivers of range size in <scp>C</scp>oenagrion damselflies. Journal of Evolutionary Biology, 2014, 27, 2386-2395.	1.7	34
142	Sexual selection on flight endurance, flight-related morphology and physiology in a scrambling damselfly. Evolutionary Ecology, 2014, 28, 639-654.	1.2	17
143	Increased activity and growth rate in the nonâ€dispersive aquatic larval stage of a damselfly at an expanding range edge. Freshwater Biology, 2014, 59, 1266-1277.	2.4	30
144	Warming increases chlorpyrifos effects on predator but not anti-predator behaviours. Aquatic Toxicology, 2014, 152, 215-221.	4.0	28

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145	Can damselfly larvae (Ischnura elegans) be used as bioindicators of sublethal effects of environmental contamination?. Aquatic Toxicology, 2014, 154, 270-277.	4.0	15
146	Rapid evolution of larval life history, adult immune function and flight muscles in a polewardâ€moving damselfly. Journal of Evolutionary Biology, 2014, 27, 141-152.	1.7	46
147	Predator cues magnify effects of the pesticide endosulfan in water bugs in a multi-species test in outdoor containers. Aquatic Toxicology, 2013, 138-139, 116-122.	4.0	20
148	Rapid range expansion increases genetic differentiation while causing limited reduction in genetic diversity in a damselfly. Heredity, 2013, 111, 422-429.	2.6	54
149	Largeâ€scale patterns in genetic variation, gene flow and differentiation in five species of European Coenagrionid damselfly provide mixed support for the centralâ€marginal hypothesis. Ecography, 2013, 36, 744-755.	4.5	29
150	More rapid climate change promotes evolutionary rescue through selection for increased dispersal distance. Evolutionary Applications, 2013, 6, 353-364.	3.1	52
151	Latitudinally structured variation in the temperature dependence of damselfly growth rates. Ecology Letters, 2013, 16, 64-71.	6.4	24
152	Synergistic effects between pesticide stress and predator cues: Conflicting results from life history and physiology in the damselfly Enallagma cyathigerum. Aquatic Toxicology, 2013, 132-133, 92-99.	4.0	52
153	Exposure to a widespread non-pathogenic bacterium magnifies sublethal pesticide effects in the damselfly Enallagma cyathigerum: From the suborganismal level to fitness-related traits. Environmental Pollution, 2013, 177, 143-149.	7.5	36
154	Susceptibility to a metal under global warming is shaped by thermal adaptation along a latitudinal gradient. Global Change Biology, 2013, 19, 2625-2633.	9.5	84
155	Latitudinal patterns of phenology and age-specific thermal performance across sixCoenagriondamselfly species. Ecological Monographs, 2013, 83, 491-510.	5.4	18
156	Local genetic adaptation generates latitudeâ€specific effects of warming on predatorâ€“prey interactions. Global Change Biology, 2013, 19, 689-696.	9.5	67
157	Predation risk causes oxidative damage in prey. Biology Letters, 2013, 9, 20130350.	2.3	79
158	No Trade-Off between Growth Rate and Temperature Stress Resistance in Four Insect Species. PLoS ONE, 2013, 8, e62434.	2.5	6
159	Fitness Effects of Chlorpyrifos in the Damselfly Enallagma cyathigerum Strongly Depend upon Temperature and Food Level and Can Bridge Metamorphosis. PLoS ONE, 2013, 8, e68107.	2.5	35
160	Microsatellite marker development and putative SNP detection for a northward expanding damselfly species using next generation sequencing. Conservation Genetics Resources, 2012, 4, 1079-1084.	0.8	4
161	Evolutionary Ecology of Odonata: A Complex Life Cycle Perspective. Annual Review of Entomology, 2012, 57, 249-265.	11.8	220
162	How does a pesticide pulse increase vulnerability to predation? Combined effects on behavioral antipredator traits and escape swimming. Aquatic Toxicology, 2012, 110-111, 91-98.	4.0	48

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163	Generalists and specialists along a latitudinal transect: patterns of thermal adaptation in six species of damselflies. Ecology, 2012, 93, 1340-1352.	3.2	74
164	Species-specific patterns of swimming escape performance and cholinesterase activity in a guild of aquatic insects exposed to endosulfan. Environmental Pollution, 2012, 163, 127-133.	7.5	12
165	Phosphoglucose isomerase genotype effects on life history depend on latitude and food stress. Functional Ecology, 2012, 26, 1120-1126.	3.6	5
166	Behaviour and physiology shape the growth accelerations associated with predation risk, high temperatures and southern latitudes in Ischnura damselfly larvae. Journal of Animal Ecology, 2012, 81, 1034-1040.	2.8	74
167	A crucial step toward realism: responses to climate change from an evolving metacommunity perspective. Evolutionary Applications, 2012, 5, 154-167.	3.1	106
168	Levels of persistent organic pollutants in larvae of the damselfly Ischnura elegans (Odonata,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 T 423, 162-167.	8.0	13
169	Species-specific responsiveness of four enzymes to endosulfan and predation risk questions their usefulness as general biomarkers. Ecotoxicology, 2012, 21, 268-279.	2.4	18
170	Biogeographical Survey Identifies Consistent Alternative Physiological Optima and a Minor Role for Environmental Drivers in Maintaining a Polymorphism. PLoS ONE, 2012, 7, e32648.	2.5	11
171	Rapid Growth Reduces Cold Resistance: Evidence from Latitudinal Variation in Growth Rate, Cold Resistance and Stress Proteins. PLoS ONE, 2011, 6, e16935.	2.5	66
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