

Luc De Meester

List of Publications by Year in descending order

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Version: 2024-02-01

356
papers

25,156
citations

8181

76
h-index

10445

139
g-index

369
all docs

369
docs citations

369
times ranked

22411
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterioplankton Assembly Along a Eutrophication Gradient Is Mainly Structured by Environmental Filtering, Including Indirect Effects of Phytoplankton Composition. <i>Microbial Ecology</i> , 2023, 85, 400-410.	2.8	1
2	Cryptic ecoâ€evolutionary feedback in the city: Urban evolution of prey dampens the effect of urban evolution of the predator. <i>Journal of Animal Ecology</i> , 2022, 91, 514-526.	2.8	10
3	The internal structure of metacommunities. <i>Oikos</i> , 2022, 2022, .	2.7	32
4	Hostâ€parasite dynamics shaped by temperature and genotype: Quantifying the role of underlying vital rates. <i>Functional Ecology</i> , 2022, 36, 485-499.	3.6	3
5	A global agenda for advancing freshwater biodiversity research. <i>Ecology Letters</i> , 2022, 25, 255-263.	6.4	95
6	Feedback between climate change and eutrophication: revisiting the allied attack concept and how to strike back. <i>Inland Waters</i> , 2022, 12, 187-204.	2.2	41
7	Accounting for temporal change in multiple biodiversity patterns improves the inference of metacommunity processes. <i>Ecology</i> , 2022, 103, e3683.	3.2	17
8	Plankton Diversity in Tropical Wetlands Under Different Hydrological Conditions (Lake Tana,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	3.3	6
9	Scared to evolve? Non-consumptive effects drive rapid adaptive evolution in a natural prey population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20220188.	2.6	3
10	Quantifying ecoâ€evolutionary contributions to trait divergence in spatially structured systems. <i>Ecological Monographs</i> , 2022, 92, .	5.4	4
11	Evolution of pesticide tolerance and associated changes in the microbiome in the water flea <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , 2022, 240, 113697.	6.0	6
12	Socioâ€ecoâ€evolutionary dynamics in cities. <i>Evolutionary Applications</i> , 2021, 14, 248-267.	3.1	86
13	Resurrecting the metabolome: Rapid evolution magnifies the metabolomic plasticity to predation in a natural <i>Daphnia</i> population. <i>Molecular Ecology</i> , 2021, 30, 2285-2297.	3.9	6
14	Ideas and perspectives: Biogeochemistry â€ some key foci for the future. <i>Biogeosciences</i> , 2021, 18, 3005-3013.	3.3	8
15	Extensive standing genetic variation from a small number of founders enables rapid adaptation in <i>Daphnia</i> . <i>Nature Communications</i> , 2021, 12, 4306.	12.8	27
16	Integrating fundamental processes to understand ecoâ€evolutionary community dynamics and patterns. <i>Functional Ecology</i> , 2021, 35, 2138-2155.	3.6	11
17	Adaptive Evolution Can Both Prevent Ecosystem Collapse and Delay Ecosystem Recovery. <i>American Naturalist</i> , 2021, 198, E185-E197.	2.1	9
18	Measuring the contribution of evolution to community trait structure in freshwater zooplankton. <i>Oikos</i> , 2021, 130, 1773.	2.7	5

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19	Transient Eco-Evolutionary Dynamics and the Window of Opportunity for Establishment of Immigrants. <i>American Naturalist</i> , 2021, 198, E95-E110.	2.1	1
20	Eco-Evolutionary Dynamics in Freshwater Systems. , 2021, , .		2
21	Interspecific differences, plastic, and evolutionary responses to a heat wave in three co-occurring <i>Daphnia</i> species. <i>Limnology and Oceanography</i> , 2021, 66, 1201-1220.	3.1	9
22	Differential local genetic adaptation to pesticide use in organic and conventional agriculture in an aquatic non-target species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211903.	2.6	9
23	The Relative Importance of Human Disturbance, Environmental and Spatial Factors on the Community Composition of Wetland Birds. <i>Water (Switzerland)</i> , 2021, 13, 3448.	2.7	4
24	Urbanization drives cross-taxa declines in abundance and diversity at multiple spatial scales. <i>Global Change Biology</i> , 2020, 26, 1196-1211.	9.5	167
25	Set ambitious goals for biodiversity and sustainability. <i>Science</i> , 2020, 370, 411-413.	12.6	225
26	The bacterioplankton community composition and a host genotype dependent occurrence of taxa shape the <i>Daphnia magna</i> gut bacterial community. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	29
27	A process-based metacommunity framework linking local and regional scale community ecology. <i>Ecology Letters</i> , 2020, 23, 1314-1329.	6.4	193
28	Food nutrient availability affects epibiont prevalence and richness in natural <i>Daphnia</i> populations. <i>Limnology and Oceanography</i> , 2020, 65, 2529-2540.	3.1	2
29	Sediment and Nutrient Retention Capacity of Natural Riverine Wetlands in Southwest Ethiopia. <i>Frontiers in Environmental Science</i> , 2020, 8, .	3.3	7
30	Evolutionary origins for ecological patterns in space. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17482-17490.	7.1	55
31	Key management rules for agricultural alpine newt breeding ponds based on habitat suitability models. <i>Global Ecology and Conservation</i> , 2020, 23, e01086.	2.1	5
32	Effects of thermal evolution on the stoichiometric responses to nano-ZnO under warming are not general: insights from experimental evolution. <i>Ecotoxicology</i> , 2020, 29, 175-184.	2.4	3
33	Comparing Adaptive Radiations Across Space, Time, and Taxa. <i>Journal of Heredity</i> , 2020, 111, 1-20.	2.4	146
34	Diet and Genotype of an Aquatic Invertebrate Affect the Composition of Free-Living Microbial Communities. <i>Frontiers in Microbiology</i> , 2020, 11, 380.	3.5	32
35	Terrestrial Locomotor Evolution in Urban Environments. , 2020, , 197-216.		7
36	Why are Lake Abaya and Lake Chamo so different? A limnological comparison of two neighboring major Ethiopian Rift Valley lakes. <i>Hydrobiologia</i> , 2019, 829, 113-124.	2.0	13

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37	Consumer-resource dynamics is an eco-evolutionary process in a natural plankton community. <i>Nature Ecology and Evolution</i> , 2019, 3, 1351-1358.	7.8	43
38	Rapid evolution in response to warming does not affect the toxicity of a pollutant: Insights from experimental evolution in heated mesocosms. <i>Evolutionary Applications</i> , 2019, 12, 977-988.	3.1	10
39	The power of numbers: dynamics of hatching and dormant egg production in two populations of the water flea <i>Daphnia magna</i> . <i>Aquatic Ecology</i> , 2019, 53, 393-406.	1.5	4
40	Freshwater Bacterioplankton Metacommunity Structure Along Urbanization Gradients in Belgium. <i>Frontiers in Microbiology</i> , 2019, 10, 743.	3.5	17
41	Ecosystem tipping points in an evolving world. <i>Nature Ecology and Evolution</i> , 2019, 3, 355-362.	7.8	203
42	Analysing eco-evolutionary dynamics – The challenging complexity of the real world. <i>Functional Ecology</i> , 2019, 33, 43-59.	3.6	80
43	The genetic architecture underlying diapause termination in a planktonic crustacean. <i>Molecular Ecology</i> , 2019, 28, 998-1008.	3.9	21
44	Regional neutrality evolves through local adaptive niche evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2612-2617.	7.1	41
45	Zooplankton grazing selectivity regulates herbivory and dominance of toxic phytoplankton over multiple prey generations. <i>Limnology and Oceanography</i> , 2019, 64, 1214-1227.	3.1	49
46	Urban hot-tubs: Local urbanization has profound effects on average and extreme temperatures in ponds. <i>Landscape and Urban Planning</i> , 2018, 176, 22-29.	7.5	65
47	A comparative hierarchical analysis of bacterioplankton and biofilm metacommunity structure in an interconnected pond system. <i>Environmental Microbiology</i> , 2018, 20, 1271-1282.	3.8	3
48	Inoculation history affects community composition in experimental freshwater bacterioplankton communities. <i>Environmental Microbiology</i> , 2018, 20, 1120-1133.	3.8	14
49	Changes in bacterioplankton community structure during early lake ontogeny resulting from the retreat of the Greenland Ice Sheet. <i>ISME Journal</i> , 2018, 12, 544-555.	9.8	16
50	Thermal evolution offsets the elevated toxicity of a contaminant under warming: A resurrection study in <i>Daphnia magna</i> . <i>Evolutionary Applications</i> , 2018, 11, 1425-1436.	3.1	19
51	Acute and chronic effects of exposure to the juvenile hormone analog fenoxycarb during sexual reproduction in <i>Daphnia magna</i> . <i>Ecotoxicology</i> , 2018, 27, 627-634.	2.4	11
52	Compositional and functional consequences of environmental change in Belgian farmland ponds. <i>Freshwater Biology</i> , 2018, 63, 581-596.	2.4	10
53	Bottom-Up Effects on Biomass Versus Top-Down Effects on Identity: A Multiple-Lake Fish Community Manipulation Experiment. <i>Ecosystems</i> , 2018, 21, 166-177.	3.4	31
54	Taxonomic, functional and phylogenetic metacommunity ecology of cladoceran zooplankton along urbanization gradients. <i>Ecography</i> , 2018, 41, 183-194.	4.5	73

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55	Early transcriptional response pathways in <i>Daphnia magna</i> are coordinated in networks of crustacean-specific genes. <i>Molecular Ecology</i> , 2018, 27, 886-897.	3.9	38
56	Founder effects determine the genetic structure of the water flea <i>Daphnia</i> in Ethiopian reservoirs. <i>Limnology and Oceanography</i> , 2018, 63, 915-926.	3.1	11
57	Genetic adaptation as a biological buffer against climate change: Potential and limitations. <i>Integrative Zoology</i> , 2018, 13, 372-391.	2.6	56
58	Rapid evolution leads to differential population dynamics and top-down control in resurrected <i>Daphnia</i> populations. <i>Evolutionary Applications</i> , 2018, 11, 96-111.	3.1	15
59	Evolution at two time frames: Polymorphisms from an ancient singular divergence event fuel contemporary parallel evolution. <i>PLoS Genetics</i> , 2018, 14, e1007796.	3.5	77
60	Predictability of the impact of multiple stressors on the keystone species <i>Daphnia</i> . <i>Scientific Reports</i> , 2018, 8, 17572.	3.3	32
61	Body-size shifts in aquatic and terrestrial urban communities. <i>Nature</i> , 2018, 558, 113-116.	27.8	196
62	Stoichiometric responses to nano ZnO under warming are modified by thermal evolution in <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2018, 202, 90-96.	4.0	6
63	City life on fast lanes: Urbanization induces an evolutionary shift towards a faster lifestyle in the water flea <i>Daphnia</i> . <i>Functional Ecology</i> , 2018, 32, 2225-2240.	3.6	57
64	Urbanization drives genetic differentiation in physiology and structures the evolution of pace-of-life syndromes in the water flea <i>Daphnia magna</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180169.	2.6	31
65	Integrating trait and phylogenetic distances to assess scale-dependent community assembly processes. <i>Ecography</i> , 2017, 40, 742-752.	4.5	38
66	Thermal tolerance in the keystone species <i>Daphnia magna</i> a candidate gene and an outlier analysis approach. <i>Molecular Ecology</i> , 2017, 26, 2291-2305.	3.9	28
67	Intra- and interspecific niche variation as reconstructed from stable isotopes in two ecologically different Ethiopian Rift Valley lakes. <i>Functional Ecology</i> , 2017, 31, 1482-1492.	3.6	11
68	Differential effects of dominant and subordinate plant species on the establishment success of target species in a grassland restoration experiment. <i>Applied Vegetation Science</i> , 2017, 20, 363-375.	1.9	6
69	Eco-evolutionary dynamics in urbanized landscapes: evolution, species sorting and the change in zooplankton body size along urbanization gradients. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160030.	4.0	52
70	The heat is on: Genetic adaptation to urbanization mediated by thermal tolerance and body size. <i>Global Change Biology</i> , 2017, 23, 5218-5227.	9.5	141
71	Urbanization drives community shifts towards thermophilic and dispersive species at local and landscape scales. <i>Global Change Biology</i> , 2017, 23, 2554-2564.	9.5	114
72	Adaptive and non-adaptive divergence in a common landscape. <i>Nature Communications</i> , 2017, 8, 267.	12.8	66

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73	Host-genotype dependent gut microbiota drives zooplankton tolerance to toxic cyanobacteria. <i>Nature Communications</i> , 2017, 8, 1608.	12.8	113
74	A call to action: strong long-term limnological changes in the two largest Ethiopian Rift Valley lakes, Abaya and Chamo. <i>Inland Waters</i> , 2017, 7, 129-137.	2.2	17
75	Effects of dispersal and environmental heterogeneity on the replacement and nestedness components of β -diversity. <i>Ecology</i> , 2017, 98, 525-533.	3.2	143
76	Conserved Transcription Factors Steer Growth-Related Genomic Programs in <i>Daphnia</i> . <i>Genome Biology and Evolution</i> , 2017, 9, 1821-1842.	2.5	13
77	Rapid evolution of antioxidant defence in a natural population of <i>Daphnia magna</i> . <i>Journal of Evolutionary Biology</i> , 2016, 29, 1328-1337.	1.7	13
78	Eco-evolutionary partitioning metrics: assessing the importance of ecological and evolutionary contributions to population and community change. <i>Ecology Letters</i> , 2016, 19, 839-853.	6.4	61
79	Can underwater refuges protect fish populations against cormorant predation? Evidence from a large-scale multiple pond experiment. <i>Fisheries Management and Ecology</i> , 2016, 23, 89-98.	2.0	8
80	Resurrecting complexity: the interplay of plasticity and rapid evolution in the multiple trait response to strong changes in predation pressure in the water flea <i>Daphnia magna</i> . <i>Ecology Letters</i> , 2016, 19, 180-190.	6.4	115
81	Characterization of genome-wide SNPs for the water flea <i>Daphnia pulex</i> generated by genotyping-by-sequencing (GBS). <i>Scientific Reports</i> , 2016, 6, 28569.	3.3	14
82	Disentangling the effect of body size and phylogenetic distances on zooplankton top-down control of algae. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160487.	2.6	46
83	The influence of balanced and imbalanced resource supply on biodiversity-functioning relationship across ecosystems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150283.	4.0	43
84	Environment not dispersal limitation drives clonal composition of Arctic <i>Daphnia</i> in a recently deglaciated area. <i>Molecular Ecology</i> , 2016, 25, 5830-5842.	3.9	17
85	Assessing hatching rates and the timing of hatching from plankton resting stages-an accurate and cost effective high throughput approach. <i>Limnology and Oceanography: Methods</i> , 2016, 14, 718-724.	2.0	2
86	Effects of adding an arbuscular mycorrhizal fungi inoculum and of distance to donor sites on plant species recolonization following topsoil removal. <i>Applied Vegetation Science</i> , 2016, 19, 7-19.	1.9	38
87	Frequency of antibiotic application drives rapid evolutionary adaptation of <i>Escherichia coli</i> persistence. <i>Nature Microbiology</i> , 2016, 1, 16020.	13.3	210
88	Temporal genetic stability in natural populations of the waterflea <i>Daphnia magna</i> in response to strong selection pressure. <i>Molecular Ecology</i> , 2016, 25, 6024-6038.	3.9	35
89	<i>Daphnia magna</i> transcriptome by RNA-Seq across 12 environmental stressors. <i>Scientific Data</i> , 2016, 3, 160030.	5.3	89
90	The broad footprint of climate change from genes to biomes to people. <i>Science</i> , 2016, 354, .	12.6	883

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91	Local adaptation of a bacterium is as important as its presence in structuring a natural microbial community. <i>Nature Communications</i> , 2016, 7, 12453.	12.8	79
92	Colonization history and clonal richness of asexual <i>Daphnia</i> in periglacial habitats of contrasting age in West Greenland. <i>Journal of Animal Ecology</i> , 2016, 85, 1108-1117.	2.8	9
93	Energy storage and fecundity explain deviations from ecological stoichiometry predictions under global warming and size-selective predation. <i>Journal of Animal Ecology</i> , 2016, 85, 1431-1441.	2.8	39
94	Community assembly is a race between immigration and adaptation: eco-evolutionary interactions across spatial scales. <i>Ecography</i> , 2016, 39, 858-870.	4.5	46
95	Evolving Perspectives on Monopolization and Priority Effects. <i>Trends in Ecology and Evolution</i> , 2016, 31, 136-146.	8.7	213
96	Reply to Garner et al.. <i>Trends in Ecology and Evolution</i> , 2016, 31, 83-84.	8.7	24
97	Inbreeding and adaptive plasticity: an experimental analysis on predator-induced responses in the water flea <i>Daphnia</i> . <i>Ecology and Evolution</i> , 2015, 5, 2712-2721.	1.9	5
98	Experimental evolution reveals high insecticide tolerance in <i>Daphnia</i> inhabiting farmland ponds. <i>Evolutionary Applications</i> , 2015, 8, 442-453.	3.1	27
99	Genotypic diversity and differentiation among populations of two benthic freshwater diatoms as revealed by microsatellites. <i>Molecular Ecology</i> , 2015, 24, 4433-4448.	3.9	16
100	Rapid local adaptation mediates zooplankton community assembly in experimental mesocosms. <i>Ecology Letters</i> , 2015, 18, 992-1000.	6.4	81
101	Suppression of invasive topmouth gudgeon <i>Pseudorasbora parva</i> by native pike <i>Esox lucius</i> in ponds. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2015, 25, 41-48.	2.0	15
102	The Impact of Conservation Management on the Community Composition of Multiple Organism Groups in Eutrophic Interconnected Man-Made Ponds. <i>PLoS ONE</i> , 2015, 10, e0139371.	2.5	9
103	Determinants of community structure in the global plankton interactome. <i>Science</i> , 2015, 348, 1262073.	12.6	842
104	Parasite and nutrient enrichment effects on <i>Daphnia</i> interspecific competition. <i>Ecology</i> , 2015, 96, 1421-1430.	3.2	18
105	Environmental rather than spatial factors structure bacterioplankton communities in shallow lakes along a 6000 km latitudinal gradient in South America. <i>Environmental Microbiology</i> , 2015, 17, 2336-2351.	3.8	67
106	Timing matters: Sensitivity of <i>Daphnia magna</i> dormant eggs to fenoxycarb exposure depends on embryonic developmental stage. <i>Aquatic Toxicology</i> , 2015, 159, 176-183.	4.0	23
107	Fitness tradeoffs explain low levels of persister cells in the opportunistic pathogen <i>Pseudomonas aeruginosa</i> . <i>Molecular Ecology</i> , 2015, 24, 1572-1583.	3.9	38
108	Evolution of carbaryl resistance in the water flea <i>Daphnia</i> : complex interactions between inbreeding, stress, and selection. <i>Hydrobiologia</i> , 2015, 743, 199-209.	2.0	3

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109	A comparative analysis of the fatty acid composition of sexual and asexual eggs of <i>Daphnia magna</i> and its plasticity as a function of food quality. <i>Journal of Plankton Research</i> , 2015, 37, 752-763.	1.8	19
110	Global cytosine methylation in <i>Daphnia magna</i> depends on genotype, environment, and their interaction. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1056-1061.	4.3	53
111	Rapid Adaptation of a <i>Daphnia magna</i> Population to Metal Stress Is Associated with Heterozygote Excess. <i>Environmental Science & Technology</i> , 2015, 49, 9298-9307.	10.0	38
112	Rapid evolution of thermal tolerance in the water flea <i>Daphnia</i> . <i>Nature Climate Change</i> , 2015, 5, 665-668.	18.8	230
113	Antibody-modified iron oxide nanoparticles for efficient magnetic isolation and flow cytometric determination of <i>L. pneumophila</i> . <i>Mikrochimica Acta</i> , 2015, 182, 1439-1446.	5.0	14
114	Genomics and the challenging translation into conservation practice. <i>Trends in Ecology and Evolution</i> , 2015, 30, 78-87.	8.7	469
115	Partitioning the variation in African vertebrate distributions into environmental and spatial components – exploring the link between ecology and biogeography. <i>Ecography</i> , 2015, 38, 450-461.	4.5	14
116	The importance of environmental variables for submerged macrophyte community assemblage and coverage in shallow lakes: differences between northern and southern Europe. <i>Hydrobiologia</i> , 2015, 744, 49-61.	2.0	21
117	Fitness differences and persistent founder effects determine the clonal composition during population build-up in <i>Daphnia</i> . <i>Oikos</i> , 2015, 124, 620-628.	2.7	4
118	Eco-evolutionary dynamics in freshwater systems. <i>Journal of Limnology</i> , 2014, 73, .	1.1	10
119	Dispersal Ability Determines the Role of Environmental, Spatial and Temporal Drivers of Metacommunity Structure. <i>PLoS ONE</i> , 2014, 9, e111227.	2.5	226
120	Strong effects of occasional drying on subsequent water clarity and cyanobacterial blooms in cool tropical reservoirs. <i>Freshwater Biology</i> , 2014, 59, 870-884.	2.4	18
121	Evolutionary and plastic responses of freshwater invertebrates to climate change: realized patterns and future potential. <i>Evolutionary Applications</i> , 2014, 7, 42-55.	3.1	161
122	An experimental analysis of species sorting and mass effects in freshwater bacterioplankton. <i>Freshwater Biology</i> , 2014, 59, 2081-2095.	2.4	24
123	An SNP-based second-generation genetic map of <i>Daphnia magna</i> and its application to QTL analysis of phenotypic traits. <i>BMC Genomics</i> , 2014, 15, 1033.	2.8	49
124	Colonization of <i>Daphnia magna</i> in a newly created pond: founder effects and secondary immigrants. <i>Hydrobiologia</i> , 2014, 723, 167-179.	2.0	22
125	Salinity and depth as structuring factors of cryptic divergence in <i>Moina brachiata</i> (Crustacea:). <i>TJ ETQq1 1 0.784314 rrgBT /Overlock 10 T</i>	0.7	20
126	An evolutionary perspective on the resistance of <i>Daphnia</i> to the epizoic rotifer <i>Brachionus rubens</i> . <i>Freshwater Biology</i> , 2014, 59, 1247-1256.	2.4	9

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127	Local and regional founder effects in lake zooplankton persist after thousands of years despite high dispersal potential. <i>Molecular Ecology</i> , 2014, 23, 1014-1027.	3.9	55
128	Under niche construction: an operational bridge between ecology, evolution, and ecosystem science. <i>Ecological Monographs</i> , 2014, 84, 245-263.	5.4	148
129	Effect of land use on pollution status and risk of fish endocrine disruption in small farmland ponds. <i>Hydrobiologia</i> , 2014, 723, 103-120.	2.0	4
130	A gene with major phenotypic effects as a target for selection vs. homogenizing gene flow. <i>Molecular Ecology</i> , 2014, 23, 162-181.	3.9	33
131	The Fungal Aroma Gene ATF1 Promotes Dispersal of Yeast Cells through Insect Vectors. <i>Cell Reports</i> , 2014, 9, 425-432.	6.4	163
132	An ecosystem service approach to support integrated pond management: A case study using Bayesian belief networks – Highlighting opportunities and risks. <i>Journal of Environmental Management</i> , 2014, 145, 79-87.	7.8	42
133	Biodiversity only makes sense in the light of evolution. <i>Journal of Biosciences</i> , 2014, 39, 333-337.	1.1	9
134	Development of a multimetric index based on benthic macroinvertebrates for the assessment of natural wetlands in Southwest Ethiopia. <i>Ecological Indicators</i> , 2013, 29, 510-521.	6.3	128
135	Pesticide exposure impacts not only hatching of dormant eggs, but also hatchling survival and performance in the water flea <i>Daphnia magna</i> . <i>Ecotoxicology</i> , 2013, 22, 803-814.	2.4	41
136	Planktonic ciliate community structure in shallow lakes of lowland Western Europe. <i>European Journal of Protistology</i> , 2013, 49, 538-551.	1.5	15
137	Gene expression profiling of three different stressors in the water flea <i>Daphnia magna</i> . <i>Ecotoxicology</i> , 2013, 22, 900-914.	2.4	21
138	The initial tolerance to sub-lethal Cd exposure is the same among ten naïve pond populations of <i>Daphnia magna</i> , but their micro-evolutionary potential to develop resistance is very different. <i>Aquatic Toxicology</i> , 2013, 144-145, 322-331.	4.0	20
139	Drivers of population genetic differentiation in the wild: isolation by dispersal limitation, isolation by adaptation and isolation by colonization. <i>Molecular Ecology</i> , 2013, 22, 5983-5999.	3.9	398
140	Effects of dietary arabinoxylan-oligosaccharides (AXOS) and endogenous probiotics on the growth performance, non-specific immunity and gut microbiota of juvenile Siberian sturgeon (<i>Acipenser baeri</i>). <i>Fish and Shellfish Immunology</i> , 2013, 35, 766-775.	3.6	145
141	Constitutive but no Triops-induced differences in bet-hedging strategies for hatching in <i>Daphnia</i> . <i>Hydrobiologia</i> , 2013, 715, 29-35.	2.0	10
142	Physico-chemical and biological characterization of anopheline mosquito larval habitats (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.5	48
143	The evolutionary time machine: using dormant propagules to forecast how populations can adapt to changing environments. <i>Trends in Ecology and Evolution</i> , 2013, 28, 274-282.	8.7	123
144	The role of selection in driving landscape genomic structure of the waterflea <i>Daphnia magna</i> . <i>Molecular Ecology</i> , 2013, 22, 583-601.	3.9	74

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145	Interactive effects of a bacterial parasite and the insecticide carbaryl to life-history and physiology of two <i>Daphnia magna</i> clones differing in carbaryl sensitivity. <i>Aquatic Toxicology</i> , 2013, 130-131, 149-159.	4.0	29
146	Pesticides Removal by Filtration over Cactus Pear Leaves: A Cheap and Natural Method for Small-scale Water Purification in Semi-Arid Regions. <i>Clean - Soil, Air, Water</i> , 2013, 41, 235-243.	1.1	11
147	Local genetic adaptation generates latitude-specific effects of warming on predator-prey interactions. <i>Global Change Biology</i> , 2013, 19, 689-696.	9.5	67
148	The ecology of the riverine Garra species (Teleostei, Cypriniformes) in reservoirs of the semi-arid highlands of northern Ethiopia: temporal dynamics of feeding activity. <i>Inland Waters</i> , 2013, 3, 331-340.	2.2	3
149	How to Maximally Support Local and Regional Biodiversity in Applied Conservation? Insights from Pond Management. <i>PLoS ONE</i> , 2013, 8, e72538.	2.5	57
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