

# Dieter Ebert

## List of Publications by Year in descending order

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244  
papers

18,983  
citations

15880

67  
h-index

19470

122  
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262  
all docs

262  
docs citations

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times ranked

16163  
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-Genome Phylogenetic Reconstruction as a Powerful Tool to Reveal Homoplasmy and Ancient Rapid Radiation in Waterflea Evolution. <i>Systematic Biology</i> , 2022, 71, 777-787.	2.7	18
2	Trehalose provisioning in <i>Daphnia</i> resting stages reflects local adaptation to the harshness of diapause conditions. <i>Biology Letters</i> , 2022, 18, 20210615.	1.0	11
3	Demographic history shapes genomic variation in an intracellular parasite with a wide geographical distribution. <i>Molecular Ecology</i> , 2022, 31, 2528-2544.	2.0	13
4	Population-Genomic Analysis Identifies a Low Rate of Global Adaptive Fixation in the Proteins of the Cyclical Parthenogen <i>Daphnia magna</i> . <i>Molecular Biology and Evolution</i> , 2022, 39, .	3.5	8
5	A new microsporidian parasite, <i>Ordospora pajunii</i> sp. nov (Ordosporidae), of <i>Daphnia longispina</i> highlights the value of genomic data for delineating species boundaries. <i>Journal of Eukaryotic Microbiology</i> , 2022, 69, e12902.	0.8	7
6	Unraveling coevolutionary dynamics using ecological genomics. <i>Trends in Genetics</i> , 2022, 38, 1003-1012.	2.9	4
7	Genomic characterization of selfing in the cyclic parthenogen <i>Daphnia magna</i> . <i>Journal of Evolutionary Biology</i> , 2021, 34, 792-802.	0.8	0
8	Cultivation and Genome Sequencing of Bacteria Isolated From the Coffee Berry Borer (Hypothenemus) Tj ETQq0 0 0 rgBT /Overlock 10 T 644768.	1.5	14
9	No evidence for genetic sex determination in <i>Daphnia magna</i> . <i>Royal Society Open Science</i> , 2021, 8, 202292.	1.1	0
10	Balancing Selection for Pathogen Resistance Reveals an Intercontinental Signature of Red Queen Coevolution. <i>Molecular Biology and Evolution</i> , 2021, 38, 4918-4933.	3.5	7
11	Infection phenotypes of a coevolving parasite are highly diverse, structured, and specific. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2540-2554.	1.1	10
12	A Two-Locus System with Strong Epistasis Underlies Rapid Parasite-Mediated Evolution of Host Resistance. <i>Molecular Biology and Evolution</i> , 2021, 38, 1512-1528.	3.5	21
13	Microsporidia with Vertical Transmission Were Likely Shaped by Nonadaptive Processes. <i>Genome Biology and Evolution</i> , 2020, 12, 3599-3614.	1.1	27
14	Genome-Wide Association Analysis Identifies a Genetic Basis of Infectivity in a Model Bacterial Pathogen. <i>Molecular Biology and Evolution</i> , 2020, 37, 3439-3452.	3.5	20
15	An alternative route of bacterial infection associated with a novel resistance locus in the <i>Daphnia</i> – <i>Pasteuria host</i> parasite system. <i>Heredity</i> , 2020, 125, 173-183.	1.2	18
16	Host–parasite co-evolution and its genomic signature. <i>Nature Reviews Genetics</i> , 2020, 21, 754-768.	7.7	110
17	High and Highly Variable Spontaneous Mutation Rates in <i>Daphnia</i> . <i>Molecular Biology and Evolution</i> , 2020, 37, 3258-3266.	3.5	36
18	Transposable element abundance correlates with mode of transmission in microsporidian parasites. <i>Mobile DNA</i> , 2020, 11, 19.	1.3	21

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19	Dissecting the genetic architecture of a stepwise infection process. <i>Molecular Ecology</i> , 2019, 28, 3942-3957.	2.0	28
20	Temperature- versus precipitation-limitation shape local temperature tolerance in a Holarctic freshwater crustacean. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190929.	1.2	27
21	Rearing Temperature and Fatty Acid Supplementation Jointly Affect Lipid Fluorescence Polarization and Heat Tolerance in <i>Daphnia</i> . <i>Physiological and Biochemical Zoology</i> , 2019, 92, 408-418.	0.6	17
22	Parasite-mediated selection in a natural metapopulation of <i>Daphnia magna</i> . <i>Molecular Ecology</i> , 2019, 28, 4770-4785.	2.0	16
23	A fossil-calibrated phylogenomic analysis of <i>Daphnia</i> and the Daphniidae. <i>Molecular Phylogenetics and Evolution</i> , 2019, 137, 250-262.	1.2	43
24	Assessment of parasite virulence in a natural population of a planktonic crustacean. <i>BMC Ecology</i> , 2019, 19, 14.	3.0	3
25	Intraspecific Variation in Microsatellite Mutation Profiles in <i>Daphnia magna</i> . <i>Molecular Biology and Evolution</i> , 2019, 36, 1942-1954.	3.5	11
26	How clonal are clones? A quest for loss of heterozygosity during asexual reproduction in <i>Daphnia magna</i> . <i>Journal of Evolutionary Biology</i> , 2019, 32, 619-628.	0.8	14
27	Environmental Sources of Bacteria and Genetic Variation in Behavior Influence Host-Associated Microbiota. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	23
28	The genetic architecture underlying diapause termination in a planktonic crustacean. <i>Molecular Ecology</i> , 2019, 28, 998-1008.	2.0	21
29	Nutrient availability affects the prevalence of a microsporidian parasite. <i>Journal of Animal Ecology</i> , 2019, 88, 579-590.	1.3	7
30	Mixtures of Aluminum and Indium Induce More than Additive Phenotypic and Toxicogenomic Responses in <i>Daphnia magna</i> . <i>Environmental Science &amp; Technology</i> , 2019, 53, 1639-1649.	4.6	19
31	Spatial population genetic structure of a bacterial parasite in close coevolution with its host. <i>Molecular Ecology</i> , 2018, 27, 1371-1384.	2.0	20
32	<i>Daphnia</i> females adjust sex allocation in response to current sex ratio and density. <i>Ecology Letters</i> , 2018, 21, 629-637.	3.0	22
33	<i>Daphnia</i> invest in sexual reproduction when its relative costs are reduced. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172176.	1.2	39
34	The Combined Effect of Temperature and Host Clonal Line on the Microbiota of a Planktonic Crustacean. <i>Microbial Ecology</i> , 2018, 76, 506-517.	1.4	28
35	The microbiota of diapause: How host-microbe associations are formed after dormancy in an aquatic crustacean. <i>Journal of Animal Ecology</i> , 2018, 87, 400-413.	1.3	40
36	Open questions: what are the genes underlying antagonistic coevolution?. <i>BMC Biology</i> , 2018, 16, 114.	1.7	8

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37	Mitogenome phylogeographic analysis of a planktonic crustacean. <i>Molecular Phylogenetics and Evolution</i> , 2018, 129, 138-148.	1.2	36
38	Host genotype-specific microbiota do not influence the susceptibility of <i>D. magna</i> to a bacterial pathogen. <i>Scientific Reports</i> , 2018, 8, 9407.	1.6	19
39	The End of a 60-year Riddle: Identification and Genomic Characterization of an Iridovirus, the Causative Agent of White Fat Cell Disease in Zooplankton. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1259-1272.	0.8	12
40	Temporal dynamics of microbiota before and after host death. <i>ISME Journal</i> , 2018, 12, 2076-2085.	4.4	21
41	Carbonyl reductases from <i>Daphnia</i> are regulated by redox cycling compounds. <i>FEBS Journal</i> , 2018, 285, 2869-2887.	2.2	11
42	Parasitism drives host genome evolution: Insights from the <i>Pasteuria ramosa</i> - <i>Daphnia magna</i> system. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1106-1113.	1.1	18
43	The Evolutionary Consequences of Stepwise Infection Processes. <i>Trends in Ecology and Evolution</i> , 2017, 32, 612-623.	4.2	51
44	QTL mapping of a natural genetic polymorphism for long-term parasite persistence in <i>Daphnia</i> populations. <i>Parasitology</i> , 2017, 144, 1686-1694.	0.7	14
45	Presence of microbiota reverses the relative performance of <i>Daphnia</i> on two experimental diets. <i>Zoology</i> , 2017, 125, 29-31.	0.6	10
46	Brood pouch-mediated polystyrene nanoparticle uptake during <i>Daphnia magna</i> embryogenesis. <i>Nanotoxicology</i> , 2017, 11, 1059-1069.	1.6	60
47	The genetic basis of resistance and matching-allele interactions of a host-parasite system: The <i>Daphnia magna</i> - <i>Pasteuria ramosa</i> model. <i>PLoS Genetics</i> , 2017, 13, e1006596.	1.5	51
48	A Population Biology Perspective on the Stepwise Infection Process of the Bacterial Pathogen <i>Pasteuria ramosa</i> in <i>Daphnia</i> . <i>Advances in Parasitology</i> , 2016, 91, 265-310.	1.4	70
49	Ecological genetics of sediment browsing behaviour in a planktonic crustacean. <i>Journal of Evolutionary Biology</i> , 2016, 29, 1999-2009.	0.8	4
50	A high-density genetic map reveals variation in recombination rate across the genome of <i>Daphnia magna</i> . <i>BMC Genetics</i> , 2016, 17, 137.	2.7	45
51	Does Internet-based guided-self-help for depression cause harm? An individual participant data meta-analysis on deterioration rates and its moderators in randomized controlled trials. <i>Psychological Medicine</i> , 2016, 46, 2679-2693.	2.7	129
52	Host-parasite Red Queen dynamics with phase-locked rare genotypes. <i>Science Advances</i> , 2016, 2, e1501548.	4.7	33
53	Reduced flight-to-light behaviour of moth populations exposed to long-term urban light pollution. <i>Biology Letters</i> , 2016, 12, 20160111.	1.0	120
54	A Photoreceptor Contributes to the Natural Variation of Diapause Induction in <i>Daphnia magna</i> . <i>Molecular Biology and Evolution</i> , 2016, 33, 3194-3204.	3.5	41

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55	Combined effects of dietary polyunsaturated fatty acids and parasite exposure on eicosanoid-related gene expression in an invertebrate model. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2016, 201, 115-123.	0.8	18
56	Rethinking "mutualism" in diverse host-symbiont communities. <i>BioEssays</i> , 2016, 38, 100-108.	1.2	52
57	The trans-generational impact of population density signals on host-parasite interactions. <i>BMC Evolutionary Biology</i> , 2016, 16, 254.	3.2	16
58	<i>Daphnia magna</i> transcriptome by RNA-Seq across 12 environmental stressors. <i>Scientific Data</i> , 2016, 3, 160030.	2.4	89
59	The Red Queen lives: Epistasis between linked resistance loci. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 480-487.	1.1	31
60	Temperature-dependent benefits of bacterial exposure in embryonic development of <i>Daphnia magna</i> resting eggs. <i>Journal of Experimental Biology</i> , 2016, 219, 897-904.	0.8	13
61	Infections by <i>Pasteuria</i> do not protect its natural host <i>Daphnia magna</i> from subsequent infections. <i>Developmental and Comparative Immunology</i> , 2016, 57, 120-125.	1.0	7
62	Red Queen dynamics in multi-host and multi-parasite interaction system. <i>Scientific Reports</i> , 2015, 5, 10004.	1.6	45
63	Genetic, ecological and geographic covariables explaining host range and specificity of a microsporidian parasite. <i>Journal of Animal Ecology</i> , 2015, 84, 1711-1719.	1.3	25
64	High genetic variation in resting-stage production in a metapopulation: Is there evidence for local adaptation?. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2747-2756.	1.1	22
65	Genes mirror geography in <i>Daphnia magna</i> . <i>Molecular Ecology</i> , 2015, 24, 4521-4536.	2.0	41
66	Microbial ecosystems are dominated by specialist taxa. <i>Ecology Letters</i> , 2015, 18, 974-982.	3.0	74
67	The <i>Ordospora colligata</i> Genome: Evolution of Extreme Reduction in Microsporidia and Host-To-Parasite Horizontal Gene Transfer. <i>MBio</i> , 2015, 6, .	1.8	36
68	Expression of parasite genetic variation changes over the course of infection: implications of within-host dynamics for the evolution of virulence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142820.	1.2	45
69	Genetic architecture of resistance in <i>Daphnia</i> hosts against two species of host-specific parasites. <i>Heredity</i> , 2015, 114, 241-248.	1.2	49
70	Water fleas require microbiota for survival, growth and reproduction. <i>ISME Journal</i> , 2015, 9, 59-67.	4.4	132
71	The First Myriapod Genome Sequence Reveals Conservative Arthropod Gene Content and Genome Organisation in the Centipede <i>Strigamia maritima</i> . <i>PLoS Biology</i> , 2014, 12, e1002005.	2.6	221
72	Diet quality determines interspecific parasite interactions in host populations. <i>Ecology and Evolution</i> , 2014, 4, 3093-3102.	0.8	32

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73	CROSS-SPECIES INFECTION TRIALS REVEAL CRYPTIC PARASITE VARIETIES AND A PUTATIVE POLYMORPHISM SHARED AMONG HOST SPECIES. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 577-586.	1.1	18
74	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.	1.2	49
75	Adaptive phenotypic plasticity and local adaptation for temperature tolerance in freshwater zooplankton. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132744.	1.2	136
76	Evolution of a morphological novelty occurred before genome compaction in a lineage of extreme parasites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15480-15485.	3.3	111
77	The expression of virulence for a mixed-mode transmitted parasite in a diapausing host. <i>Parasitology</i> , 2014, 141, 1097-1107.	0.7	8
78	Local adaptation of sex induction in a facultative sexual crustacean: insights from QTL mapping and natural populations of <i>Daphnia magna</i> . <i>Molecular Ecology</i> , 2013, 22, 3567-3579.	2.0	54
79	The genetics of infectious disease susceptibility: has the evidence for epistasis been overestimated?. <i>BMC Biology</i> , 2013, 11, 79.	1.7	10
80	Interactions between environmental stressors: the influence of salinity on host-parasite interactions between <i>Daphnia magna</i> and <i>Pasteuria ramosa</i> . <i>Oecologia</i> , 2013, 171, 789-796.	0.9	33
81	Microsatellite and single nucleotide polymorphisms indicate recurrent transitions to asexuality in a microsporidian parasite. <i>Journal of Evolutionary Biology</i> , 2013, 26, 1117-1128.	0.8	15
82	The Epidemiology and Evolution of Symbionts with Mixed-Mode Transmission. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2013, 44, 623-643.	3.8	194
83	THE ORIGIN OF SPECIFICITY BY MEANS OF NATURAL SELECTION: EVOLVED AND NONHOST RESISTANCE IN HOST-PATHOGEN INTERACTIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 1-9.	1.1	114
84	Single nucleotide polymorphisms of two closely related microsporidian parasites suggest a clonal population expansion after the last glaciation. <i>Molecular Ecology</i> , 2013, 22, 314-326.	2.0	34
85	Unsuitable habitat patches lead to severe underestimation of dynamics and gene flow in a zooplankton metapopulation. <i>Journal of Animal Ecology</i> , 2013, 82, 759-769.	1.3	16
86	A Matching-Allele Model Explains Host Resistance to Parasites. <i>Current Biology</i> , 2013, 23, 1085-1088.	1.8	137
87	A novel approach to parasite population genetics: Experimental infection reveals geographic differentiation, recombination and host-mediated population structure in <i>Pasteuria ramosa</i> , a bacterial parasite of <i>Daphnia</i> . <i>Molecular Ecology</i> , 2013, 22, 972-986.	2.0	34
88	Dietary supply with polyunsaturated fatty acids and resulting maternal effects influence host-parasite interactions. <i>BMC Ecology</i> , 2013, 13, 41.	3.0	43
89	MORE THAN ONE WAY TO PRODUCE PROTEIN DIVERSITY: DUPLICATION AND LIMITED ALTERNATIVE SPLICING OF AN ADHESION MOLECULE GENE IN BASAL ARTHROPODS. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, n/a-n/a.	1.1	25
90	Host Sexual Dimorphism and Parasite Adaptation. <i>PLoS Biology</i> , 2012, 10, e1001271.	2.6	79

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91	Disentangling the influence of parasite genotype, host genotype and maternal environment on different stages of bacterial infection in <i>Daphnia magna</i> . Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3176-3183.	1.2	54
92	Resistance to a bacterial parasite in the crustacean <i>Daphnia magna</i> shows Mendelian segregation with dominance. Heredity, 2012, 108, 547-551.	1.2	34
93	<i>Daphnia magna</i> , a Host for Evaluation of Bacterial Virulence. Applied and Environmental Microbiology, 2012, 78, 593-595.	1.4	8
94	Experimental evolution. Trends in Ecology and Evolution, 2012, 27, 547-560.	4.2	631
95	The value of complementary approaches in evolutionary research: reply to Magalhães and Matos. Trends in Ecology and Evolution, 2012, 27, 650-651.	4.2	9
96	Sex-specific effects of a parasite evolving in a female-biased host population. BMC Biology, 2012, 10, 104.	1.7	49
97	The role of moulting in parasite defence. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3049-3054.	1.2	25
98	Life history and virulence are linked in the ectoparasitic salmon louse <i>Lepeophtheirus salmonis</i> . Journal of Evolutionary Biology, 2012, 25, 856-861.	0.8	37
99	The impact of infection on host competition and its relationship to parasite persistence in a <i>Daphnia</i> microparasite system. Evolutionary Ecology, 2012, 26, 95-107.	0.5	7
100	Bleach Solution Requirement for Hatching of <i>Daphnia magna</i> Resting Eggs. Journal of Tropical Life Science, 2012, 6, 136-141.	0.1	10
101	A Genome for the Environment. Science, 2011, 331, 539-540.	6.0	74
102	Characterisation of a large family of polymorphic collagen-like proteins in the endospore-forming bacterium <i>Pasteuria ramosa</i> . Research in Microbiology, 2011, 162, 701-714.	1.0	27
103	Population Genetics of Duplicated Alternatively Spliced Exons of the Dscam Gene in <i>Daphnia</i> and <i>Drosophila</i> . PLoS ONE, 2011, 6, e27947.	1.1	25
104	Cytological and molecular description of <i>Hamiltosporidium tvaerminnensis</i> gen. et sp. nov., a microsporidian parasite of <i>Daphnia magna</i> , and establishment of <i>Hamiltosporidium magnivora</i> comb. nov.. Parasitology, 2011, 138, 447-462.	0.7	45
105	The expression of virulence during double infections by different parasites with conflicting host exploitation and transmission strategies. Journal of Evolutionary Biology, 2011, 24, 1307-1316.	0.8	45
106	Cloning of the unculturable parasite <i>Pasteuria ramosa</i> and its <i>Daphnia</i> host reveals extreme genotype-genotype interactions. Ecology Letters, 2011, 14, 125-131.	3.0	114
107	Converging seasonal prevalence dynamics in experimental epidemics. BMC Ecology, 2011, 11, 14.	3.0	6
108	Resolving the infection process reveals striking differences in the contribution of environment, genetics and phylogeny to host-parasite interactions. BMC Biology, 2011, 9, 11.	1.7	100

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109	Benefits of host genetic diversity for resistance to infection depend on parasite diversity. <i>Ecology</i> , 2010, 91, 1263-1268.	1.5	63
110	Populations in small, ephemeral habitat patches may drive dynamics in a <i>Daphnia magna</i> metapopulation. <i>Ecology</i> , 2010, 91, 2975-2982.	1.5	63
111	Transgenerational effects of poor elemental food quality on <i>Daphnia magna</i> . <i>Oecologia</i> , 2010, 162, 865-872.	0.9	70
112	Intensive Farming: Evolutionary Implications for Parasites and Pathogens. <i>Evolutionary Biology</i> , 2010, 37, 59-67.	0.5	145
113	The first-generation <i>Daphnia magna</i> linkage map. <i>BMC Genomics</i> , 2010, 11, 508.	1.2	54
114	The Reduced Genome of the Parasitic Microsporidian <i>Enterocytozoon bieneusi</i> Lacks Genes for Core Carbon Metabolism. <i>Genome Biology and Evolution</i> , 2010, 2, 304-309.	1.1	110
115	Pathogen Dose Infectivity Curves as a Method to Analyze the Distribution of Host Susceptibility: A Quantitative Assessment of Maternal Effects after Food Stress and Pathogen Exposure. <i>American Naturalist</i> , 2010, 175, 106-115.	1.0	73
116	Intensive fish farming and the evolution of pathogen virulence: the case of columnaris disease in Finland. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 593-600.	1.2	230
117	Comparative metagenomics of <i>Daphnia</i> symbionts. <i>BMC Genomics</i> , 2009, 10, 172.	1.2	78
118	Intragenic tandem repeats in <i>Daphnia magna</i> : structure, function and distribution. <i>BMC Research Notes</i> , 2009, 2, 206.	0.6	8
119	Expression of parasite virulence at different host population densities under natural conditions. <i>Oecologia</i> , 2009, 160, 247-255.	0.9	27
120	Experimental evidence for male biased flight to a light source in two moth species. <i>Entomologia Experimentalis Et Applicata</i> , 2009, 130, 259-265.	0.7	48
121	Time-shift experiments as a tool to study antagonistic coevolution. <i>Trends in Ecology and Evolution</i> , 2009, 24, 226-232.	4.2	92
122	Identification of a polymorphic collagen-like protein in the crustacean bacteria <i>Pasteuria ramosa</i> . <i>Research in Microbiology</i> , 2009, 160, 792-799.	1.0	28
123	Draft genome sequence of the <i>Daphnia</i> pathogen <i>Octosporea bayeri</i> : insights into the gene content of a large microsporidian genome and a model for host-parasite interactions. <i>Genome Biology</i> , 2009, 10, R106.	13.9	67
124	Desiccation of Rock Pool Habitats and Its Influence on Population Persistence in a <i>Daphnia</i> Metacommunity. <i>PLoS ONE</i> , 2009, 4, e4703.	1.1	39
125	Variable-Number-of-Tandem-Repeats Analysis of Genetic Diversity in <i>Pasteuria ramosa</i> . <i>Current Microbiology</i> , 2008, 56, 447-452.	1.0	15
126	The influence of pool volume and summer desiccation on the production of the resting and dispersal stage in a <i>Daphnia</i> metapopulation. <i>Oecologia</i> , 2008, 157, 441-452.	0.9	39



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127	THE EFFECTS OF MULTIPLE INFECTIONS ON THE EXPRESSION AND EVOLUTION OF VIRULENCE IN A <i>DAPHNIA</i> ENDOPARASITE SYSTEM. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 1700-1711.	1.1	112
128	Genetic diversity of <i>Daphnia magna</i> populations enhances resistance to parasites. <i>Ecology Letters</i> , 2008, 11, 918-928.	3.0	130
129	Experimental evolution of field populations of <i>Daphnia magna</i> in response to parasite treatment. <i>Journal of Evolutionary Biology</i> , 2008, 21, 1068-1078.	0.8	55
130	Climate change affects colonization dynamics in a metacommunity of three <i>Daphnia</i> species. <i>Global Change Biology</i> , 2008, 14, 1209-1220.	4.2	67
131	Bacterial infection changes the elemental composition of <i>Daphnia magna</i> . <i>Journal of Animal Ecology</i> , 2008, 77, 1265-1272.	1.3	38
132	Male-biased sex-ratio distortion caused by <i>Octosporea bayeri</i> , a vertically and horizontally-transmitted parasite of <i>Daphnia magna</i> . <i>International Journal for Parasitology</i> , 2008, 38, 969-979.	1.3	24
133	Invasion thresholds and the evolution of nonequilibrium virulence. <i>Evolutionary Applications</i> , 2008, 1, 172-182.	1.5	50
134	Host-parasite coevolution: Insights from the <i>Daphnia</i> -parasite model system. <i>Current Opinion in Microbiology</i> , 2008, 11, 290-301.	2.3	187
135	Genetic and Immunological Comparison of the Cladoceran Parasite <i>Pasteuria ramosa</i> with the Nematode Parasite <i>Pasteuria penetrans</i> . <i>Applied and Environmental Microbiology</i> , 2008, 74, 259-264.	1.4	15
136	Phylogenetic Characterization and Prevalence of <i>Spirobacillus cienkowskii</i> , a Red-Pigmented, Spiral-Shaped Bacterial Pathogen of Freshwater <i>Daphnia</i> Species. <i>Applied and Environmental Microbiology</i> , 2008, 74, 1575-1582.	1.4	24
137	RESPONSES OF A BACTERIAL PATHOGEN TO PHOSPHORUS LIMITATION OF ITS AQUATIC INVERTEBRATE HOST. <i>Ecology</i> , 2008, 89, 313-318.	1.5	88
138	The Dscam Homologue of the Crustacean <i>Daphnia</i> Is Diversified by Alternative Splicing Like in Insects. <i>Molecular Biology and Evolution</i> , 2008, 25, 1429-1439.	3.5	145
139	A quantitative test of the relationship between parasite dose and infection probability across different host-parasite combinations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 853-859.	1.2	78
140	Variable-Number Tandem Repeats as Molecular Markers for Biotypes of <i>Pasteuria ramosa</i> in <i>Daphnia</i> spp. <i>Applied and Environmental Microbiology</i> , 2007, 73, 3715-3718.	1.4	20
141	A short term benefit for outcrossing in a <i>Daphnia</i> metapopulation in relation to parasitism. <i>Journal of the Royal Society Interface</i> , 2007, 4, 777-785.	1.5	23
142	The Genotype Specific Competitive Ability Does Not Correlate with Infection in Natural <i>Daphnia magna</i> Populations. <i>PLoS ONE</i> , 2007, 2, e1280.	1.1	10
143	Host-parasite Red Queen dynamics archived in pond sediment. <i>Nature</i> , 2007, 450, 870-873.	13.7	537
144	Inference of parasite local adaptation using two different fitness components. <i>Journal of Evolutionary Biology</i> , 2007, 20, 921-929.	0.8	36

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148	Quantitative PCR to detect, discriminate and quantify intracellular parasites in their host: an example from three microsporidians in <i>Daphnia</i> . <i>Parasitology</i> , 2006, 133, 11.	0.7	28
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157	Phenotypic plasticity of host-parasite interactions in response to the route of infection. <i>Journal of Evolutionary Biology</i> , 2005, 18, 911-921.	0.8	44
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159	Mixed inoculations of a microsporidian parasite with horizontal and vertical infections. <i>Oecologia</i> , 2005, 143, 157-166.	0.9	54
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