

# Dieter Ebert

## List of Publications by Year in descending order

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244  
papers

18,983  
citations

13865

67  
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17104

122  
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262  
all docs

262  
docs citations

262  
times ranked

14519  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conceptual issues in local adaptation. <i>Ecology Letters</i> , 2004, 7, 1225-1241.	6.4	2,964
2	Experimental evolution. <i>Trends in Ecology and Evolution</i> , 2012, 27, 547-560.	8.7	631
3	Hostâ€“parasite â€“Red Queenâ€™ dynamics archived in pond sediment. <i>Nature</i> , 2007, 450, 870-873.	27.8	537
4	Experimental Evolution of Parasites. , 1998, 282, 1432-1436.		489
5	Virulence and Local Adaptation of a Horizontally Transmitted Parasite. <i>Science</i> , 1994, 265, 1084-1086.	12.6	455
6	GENETIC VARIATION IN A HOST-PARASITE ASSOCIATION: POTENTIAL FOR COEVOLUTION AND FREQUENCY-DEPENDENT SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1136-1145.	2.3	443
7	On the evolutionary ecology of specific immune defence. <i>Trends in Ecology and Evolution</i> , 2003, 18, 27-32.	8.7	397
8	Sex against virulence: the coevolution of parasitic diseases. <i>Trends in Ecology and Evolution</i> , 1996, 11, 79-82.	8.7	305
9	Challenging the trade-off model for the evolution of virulence: is virulence management feasible?. <i>Trends in Microbiology</i> , 2003, 11, 15-20.	7.7	284
10	The evolution of parasitic diseases. <i>Parasitology Today</i> , 1996, 12, 96-101.	3.0	252
11	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.	2.6	230
12	The Effect of Parasites on Host Population Density and Extinction: Experimental Epidemiology with <i>Daphnia</i> and Six Microparasites. <i>American Naturalist</i> , 2000, 156, 459-477.	2.1	228
13	Withinâ€“and betweenâ€“population variation for resistance of <i>Daphnia magna</i> to the bacterial endoparasite <i>Pasteuria ramosa</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 2127-2134.	2.6	224
14	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.	5.6	221
15	A Selective Advantage to Immigrant Genes in a <i>Daphnia</i> Metapopulation. <i>Science</i> , 2002, 295, 485-488.	12.6	220
16	The population dynamics of vertically and horizontally transmitted parasites. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1995, 260, 321-327.	2.6	210
17	The Evolution of Virulence When Parasites Cause Host Castration and Gigantism. <i>American Naturalist</i> , 2004, 164, S19-S32.	2.1	205
18	The Epidemiology and Evolution of Symbionts with Mixed-Mode Transmission. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2013, 44, 623-643.	8.3	194

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19	Host-parasite coevolution: Insights from the Daphnia-parasite model system. <i>Current Opinion in Microbiology</i> , 2008, 11, 290-301.	5.1	187
20	Dose effects and density-dependent regulation of two microparasites of <i>Daphnia magna</i> . <i>Oecologia</i> , 2000, 122, 200-209.	2.0	163
21	Empirical Support for Optimal Virulence in a Castrating Parasite. <i>PLoS Biology</i> , 2006, 4, e197.	5.6	154
22	Development, life cycle, ultrastructure and phylogenetic position of <i>Pasteuria ramosa</i> Metchnikoff 1888: rediscovery of an obligate endoparasite of <i>Daphnia magna</i> Straus. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1996, 351, 1689-1701.	4.0	148
23	In deep trouble: Habitat selection constrained by multiple enemies in zooplankton. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 5481-5485.	7.1	146
24	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.	8.9	145
25	Intensive Farming: Evolutionary Implications for Parasites and Pathogens. <i>Evolutionary Biology</i> , 2010, 37, 59-67.	1.1	145
26	Prevalence, Host Specificity and Impact on Host Fecundity of Microparasites and Epibionts in Three Sympatric <i>Daphnia</i> Species. <i>Journal of Animal Ecology</i> , 1997, 66, 212.	2.8	141
27	A Matching-Allele Model Explains Host Resistance to Parasites. <i>Current Biology</i> , 2013, 23, 1085-1088.	3.9	137
28	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.	2.6	136
29	Water fleas require microbiota for survival, growth and reproduction. <i>ISME Journal</i> , 2015, 9, 59-67.	9.8	132
30	Genetic diversity of <i>Daphnia magna</i> populations enhances resistance to parasites. <i>Ecology Letters</i> , 2008, 11, 918-928.	6.4	130
31	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.	4.5	129
32	Optimal killing for obligate killers: the evolution of life histories and virulence of semelparous parasites. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 985-991.	2.6	128
33	The curse of the pharaoh : the evolution of virulence in pathogens with long living propagules. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1996, 263, 715-721.	2.6	127
34	Dose-dependent infection rates of parasites produce the Allee effect in epidemiology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 271-279.	2.6	122
35	Reduced flight-to-light behaviour of moth populations exposed to long-term urban light pollution. <i>Biology Letters</i> , 2016, 12, 20160111.	2.3	120
36	THE INFLUENCE OF HOST DEMOGRAPHY ON THE EVOLUTION OF VIRULENCE OF A MICROSPORIDIAN GUT PARASITE. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 1828-1837.	2.3	114

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37	Cloning of the unculturable parasite <i>Pasteuria ramosa</i> and its <i>Daphnia</i> host reveals extreme genotype-genotype interactions. <i>Ecology Letters</i> , 2011, 14, 125-131.	6.4	114
38	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.	2.3	114
39	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.	2.3	112
40	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.	7.1	111
41	The Reduced Genome of the Parasitic Microsporidian <i>Enterocytozoon bienersi</i> Lacks Genes for Core Carbon Metabolism. <i>Genome Biology and Evolution</i> , 2010, 2, 304-309.	2.5	110
42	Host-parasite co-evolution and its genomic signature. <i>Nature Reviews Genetics</i> , 2020, 21, 754-768.	16.3	110
43	Evolution in Health and Disease: Work in Progress. <i>Quarterly Review of Biology</i> , 2001, 76, 417-432.	0.1	101
44	PARASITE-HOST SPECIFICITY: EXPERIMENTAL STUDIES ON THE BASIS OF PARASITE ADAPTATION. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 31-38.	2.3	100
45	Resolving the infection process reveals striking differences in the contribution of environment, genetics and phylogeny to host-parasite interactions. <i>BMC Biology</i> , 2011, 9, 11.	3.8	100
46	The Influence of Host Demography on the Evolution of Virulence of a Microsporidian Gut Parasite. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 1828.	2.3	97
47	Associations between parasitism and host genotype in natural populations of <i>Daphnia</i> (Crustacea). <i>Trends in Ecology and Evolution</i> , 2014, 29, 107-114.	2.3	94
48	HOST STARVATION DECREASES PARASITE LOAD AND MEAN HOST SIZE IN EXPERIMENTAL POPULATIONS. <i>Ecology</i> , 2004, 85, 823-833.	3.2	93
49	Ecological implications of parasites in natural <i>Daphnia</i> populations. <i>Oecologia</i> , 2005, 144, 382-390.	2.0	93
50	The effect of size at birth, maturation threshold and genetic differences on the life-history of <i>Daphnia magna</i> . <i>Oecologia</i> , 1991, 86, 243-250.	2.0	92
51	Time-shift experiments as a tool to study antagonistic coevolution. <i>Trends in Ecology and Evolution</i> , 2009, 24, 226-232.	8.7	92
52	Genetic Diversity and Genetic Differentiation in <i>Daphnia</i> Metapopulations With Subpopulations of Known Age. <i>Genetics</i> , 2005, 170, 1809-1820.	2.9	89
53	<i>Daphnia magna</i> transcriptome by RNA-Seq across 12 environmental stressors. <i>Scientific Data</i> , 2016, 3, 160030.	5.3	89
54	RESPONSES OF A BACTERIAL PATHOGEN TO PHOSPHORUS LIMITATION OF ITS AQUATIC INVERTEBRATE HOST. <i>Ecology</i> , 2008, 89, 313-318.	3.2	88

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55	TEMPORAL AND SPATIAL DYNAMICS OF PARASITE RICHNESS IN ADAPHNIAMETAPOPOPULATION. <i>Ecology</i> , 2001, 82, 3417-3434.	3.2	86
56	STRONG INBREEDING DEPRESSION IN A DAPHNIA METAPOPOPULATION. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 518-526.	2.3	79
57	Host Sexual Dimorphism and Parasite Adaptation. <i>PLoS Biology</i> , 2012, 10, e1001271.	5.6	79
58	The cause of parasitic infection in natural populations of <i>Daphnia</i> (Crustacea: Cladocera): the role of host genetics. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 2037-2042.	2.6	78
59	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.	2.6	78
60	Comparative metagenomics of <i>Daphnia</i> symbionts. <i>BMC Genomics</i> , 2009, 10, 172.	2.8	78
61	The infection rate of <i>Daphnia magna</i> by <i>Pasteuria ramosa</i> conforms with the mass-action principle. <i>Epidemiology and Infection</i> , 2003, 131, 957-966.	2.1	75
62	A Genome for the Environment. <i>Science</i> , 2011, 331, 539-540.	12.6	74
63	Microbial ecosystems are dominated by specialist taxa. <i>Ecology Letters</i> , 2015, 18, 974-982.	6.4	74
64	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.	2.1	73
65	A Maturation Size Threshold and Phenotypic Plasticity of Age and Size at Maturity in <i>Daphnia magna</i> . <i>Oikos</i> , 1994, 69, 309.	2.7	71
66	Transgenerational effects of poor elemental food quality on <i>Daphnia magna</i> . <i>Oecologia</i> , 2010, 162, 865-872.	2.0	70
67	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.	3.2	70
68	The Ecological Interactions between a Microsporidian Parasite and its Host <i>Daphnia magna</i> . <i>Journal of Animal Ecology</i> , 1995, 64, 361.	2.8	69
69	TEMPORAL PATTERNS OF GENETIC VARIATION FOR RESISTANCE AND INFECTIVITY IN A DAPHNIA-MICROPARASITE SYSTEM. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1146-1152.	2.3	69
70	EVIDENCE FOR STRONG HOST CLONE-PARASITE SPECIES INTERACTIONS IN THE DAPHNIA MICROPARASITE SYSTEM. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 784-792.	2.3	69
71	Variation in phenoloxidase activity and its relation to parasite resistance within and between populations of <i>Daphnia magna</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 1175-1183.	2.6	69
72	Ecological interactions of the microparasite <i>Caullerya mesnili</i> and its host <i>Daphnia galeata</i> . <i>Limnology and Oceanography</i> , 2002, 47, 300-305.	3.1	68

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73	Founder events as determinants of within-island and among-island genetic structure of <i>Daphnia</i> metapopulations. <i>Heredity</i> , 2006, 96, 150-158.	2.6	68
74	The coexistence of hybrid and parental <i>Daphnia</i> : the role of parasites. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1977-1983.	2.6	68
75	Climate change affects colonization dynamics in a metacommunity of three <i>Daphnia</i> species. <i>Global Change Biology</i> , 2008, 14, 1209-1220.	9.5	67
76	Draft genome sequence of the <i>Daphnia</i> pathogen <i>Octosporaea 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.	9.6	67
77	Genetics of life history in <i>Daphnia magna</i> . I. Heritabilities at two food levels. <i>Heredity</i> , 1993, 70, 335-343.	2.6	64
78	Benefits of host genetic diversity for resistance to infection depend on parasite diversity. <i>Ecology</i> , 2010, 91, 1263-1268.	3.2	63
79	Populations in small, ephemeral habitat patches may drive dynamics in a <i>Daphnia magna</i> metapopulation. <i>Ecology</i> , 2010, 91, 2975-2982.	3.2	63
80	Virulence and transmission modes of two microsporidia in <i>Daphnia magna</i> . <i>Parasitology</i> , 1995, 111, 133-142.	1.5	62
81	Brood pouch-mediated polystyrene nanoparticle uptake during <i>Daphnia magna</i> embryogenesis. <i>Nanotoxicology</i> , 2017, 11, 1059-1069.	3.0	60
82	A food-independent maturation threshold and size at maturity in <i>Daphnia magna</i> . <i>Limnology and Oceanography</i> , 1992, 37, 878-881.	3.1	56
83	Distributions and impacts of microparasites on <i>Daphnia</i> in a rockpool metapopulation. <i>Oecologia</i> , 1998, 115, 213-221.	2.0	56
84	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.	1.7	55
85	Mixed inoculations of a microsporidian parasite with horizontal and vertical infections. <i>Oecologia</i> , 2005, 143, 157-166.	2.0	54
86	The first-generation <i>Daphnia magna</i> linkage map. <i>BMC Genomics</i> , 2010, 11, 508.	2.8	54
87	Disentangling the influence of parasite genotype, host genotype and maternal environment on different stages of bacterial infection in <i>Daphnia magna</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 3176-3183.	2.6	54
88	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.	3.9	54
89	Small subunit ribosomal DNA phylogeny of microsporidia that infect <i>Daphnia</i> (Crustacea: Cladocera). <i>Parasitology</i> , 2002, 124, 381-389.	1.5	53
90	PARASITE-MEDIATED SELECTION IN EXPERIMENTAL <i>DAPHNIA MAGNA</i> POPULATIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 249-260.	2.3	53

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91	Haunted by the past: Evidence for dormant stage banks of microparasites and epibionts of <i>Daphnia</i> . <i>Limnology and Oceanography</i> , 2004, 49, 1355-1364.	3.1	52
92	Rethinking "mutualism" in diverse host-symbiont communities. <i>BioEssays</i> , 2016, 38, 100-108.	2.5	52
93	The Evolutionary Consequences of Stepwise Infection Processes. <i>Trends in Ecology and Evolution</i> , 2017, 32, 612-623.	8.7	51
94	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.	3.5	51
95	Redescription of <i>Pleistophora intestinalis</i> Chatton, 1907, a microsporidian parasite of <i>Daphnia magna</i> and <i>Daphnia pulex</i> , with establishment of the new genus <i>Glugoides</i> (Microsporida, glugeidae). <i>European Journal of Protistology</i> , 1996, 32, 251-261.	1.5	50
96	The interactive effects of temperature, food level and maternal phenotype on offspring size in <i>Daphnia magna</i> . <i>Oecologia</i> , 1996, 107, 189-196.	2.0	50
97	Invasion thresholds and the evolution of nonequilibrium virulence. <i>Evolutionary Applications</i> , 2008, 1, 172-182.	3.1	50
98	GENETIC VARIATION IN A HOST-PARASITE ASSOCIATION: POTENTIAL FOR COEVOLUTION AND FREQUENCY-DEPENDENT SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1136.	2.3	49
99	Sex-specific effects of a parasite evolving in a female-biased host population. <i>BMC Biology</i> , 2012, 10, 104.	3.8	49
100	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
101	Genetic architecture of resistance in <i>Daphnia</i> hosts against two species of host-specific parasites. <i>Heredity</i> , 2015, 114, 241-248.	2.6	49
102	TEST OF SYNERGISTIC INTERACTION BETWEEN INFECTION AND INBREEDING IN <i>DAPHNIA MAGNA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 777-783.	2.3	48
103	Experimental evidence for male biased flight-flight behavior in two moth species. <i>Entomologia Experimentalis Et Applicata</i> , 2009, 130, 259-265.	1.4	48
104	Apparent seasonality of parasite dynamics: analysis of cyclic prevalence patterns. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 199-206.	2.6	47
105	Fractional Resource Allocation into Few Eggs: <i>Daphnia</i> as an Example. <i>Ecology</i> , 1994, 75, 568-571.	3.2	46
106	Differential Adaptation in Spatially Heterogeneous Environments and Host-Parasite Coevolution. , 1998, , 325-342.		45
107	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.. <i>Parasitology</i> , 2011, 138, 447-462.	1.5	45
108	The expression of virulence during double infections by different parasites with conflicting host exploitation and transmission strategies. <i>Journal of Evolutionary Biology</i> , 2011, 24, 1307-1316.	1.7	45

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109	Red Queen dynamics in multi-host and multi-parasite interaction system. <i>Scientific Reports</i> , 2015, 5, 10004.	3.3	45
110	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.	2.6	45
111	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
112	Genetics of life history in <i>Daphnia magna</i> . II. Phenotypic plasticity. <i>Heredity</i> , 1993, 70, 344-352.	2.6	44
113	Different mechanisms of transmission of the microsporidium <i>Octosporea bayeri</i> : a cocktail of solutions for the problem of parasite permanence. <i>Parasitology</i> , 2005, 130, 501-509.	1.5	44
114	Phenotypic plasticity of host-parasite interactions in response to the route of infection. <i>Journal of Evolutionary Biology</i> , 2005, 18, 911-921.	1.7	44
115	Physiology of Immunity in the Water Flea <i>Daphnia magna</i> : Environmental and Genetic Aspects of Phenoloxidase Activity. <i>Physiological and Biochemical Zoology</i> , 2003, 76, 836-842.	1.5	43
116	Dietary supply with polyunsaturated fatty acids and resulting maternal effects influence host-parasite interactions. <i>BMC Ecology</i> , 2013, 13, 41.	3.0	43
117	A fossil-calibrated phylogenomic analysis of <i>Daphnia</i> and the Daphniidae. <i>Molecular Phylogenetics and Evolution</i> , 2019, 137, 250-262.	2.7	43
118	Genes mirror geography in <i>Daphnia magna</i> . <i>Molecular Ecology</i> , 2015, 24, 4521-4536.	3.9	41
119	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.	8.9	41
120	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.	2.8	40
121	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.	2.0	39
122	<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.	2.6	39
123	Desiccation of Rock Pool Habitats and Its Influence on Population Persistence in a <i>Daphnia</i> Metacommunity. <i>PLoS ONE</i> , 2009, 4, e4703.	2.5	39
124	Within-host dynamics of a microsporidium with horizontal and vertical transmission: <i>Octosporea bayeri</i> in <i>Daphnia magna</i> . <i>Parasitology</i> , 2004, 128, 31-38.	1.5	38
125	Bacterial infection changes the elemental composition of <i>Daphnia magna</i> . <i>Journal of Animal Ecology</i> , 2008, 77, 1265-1272.	2.8	38
126	Ultrastructural study and description of <i>Ordospora colligata</i> gen. et sp. nov. (microspora). <i>European Journal of Protistology</i> , 1997, 33, 432-443.	1.5	37



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127	Parasites promote host gene flow in a metapopulation. <i>Evolutionary Ecology</i> , 2007, 21, 561-575.	1.2	37
128	Life history and virulence are linked in the ectoparasitic salmon louse <i>Lepeophtheirus salmonis</i> . <i>Journal of Evolutionary Biology</i> , 2012, 25, 856-861.	1.7	37
129	Response to: Eliot and Gandon and Day: Revisiting virulence management. <i>Trends in Microbiology</i> , 2003, 11, 208-209.	7.7	36
130	Parasite-mediated selection in experimental metapopulations of <i>Daphnia magna</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 2149-2155.	2.6	36
131	Inference of parasite local adaptation using two different fitness components. <i>Journal of Evolutionary Biology</i> , 2007, 20, 921-929.	1.7	36
132	The <i>Ordospora colligata</i> Genome: Evolution of Extreme Reduction in Microsporidia and Host-To-Parasite Horizontal Gene Transfer. <i>MBio</i> , 2015, 6, .	4.1	36
133	Mitogenome phylogeographic analysis of a planktonic crustacean. <i>Molecular Phylogenetics and Evolution</i> , 2018, 129, 138-148.	2.7	36
134	High and Highly Variable Spontaneous Mutation Rates in <i>Daphnia</i> . <i>Molecular Biology and Evolution</i> , 2020, 37, 3258-3266.	8.9	36
135	Parasite-host specificity: experimental studies on the basis of parasite adaptation. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 31-8.	2.3	36
136	Resistance to a bacterial parasite in the crustacean <i>Daphnia magna</i> shows Mendelian segregation with dominance. <i>Heredity</i> , 2012, 108, 547-551.	2.6	34
137	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.	3.9	34
138	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.	3.9	34
139	The effect of temperature on maturation threshold body-length in <i>Daphnia magna</i> . <i>Oecologia</i> , 1996, 108, 627-630.	2.0	33
140	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.	2.0	33
141	Host-parasite Red Queen dynamics with phase-locked rare genotypes. <i>Science Advances</i> , 2016, 2, e1501548.	10.3	33
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