

Heike Feldhaar

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

3,091
citations

186265

28
h-index

189892

50
g-index

103
all docs

103
docs citations

103
times ranked

3899
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro cultivation of primary intestinal cells from <i>Eisenia fetida</i> as basis for ecotoxicological studies. <i>Ecotoxicology</i> , 2022, 31, 221-233.	2.4	6
2	The Beauty is a beast: Does leachate from the invasive terrestrial plant <i>Impatiens glandulifera</i> affect aquatic food webs?. <i>Ecology and Evolution</i> , 2022, 12, e8781.	1.9	2
3	Challenges and a call to action for protecting European red wood ants. <i>Conservation Biology</i> , 2022, 36, .	4.7	10
4	Comparison of fitness effects in the earthworm <i>Eisenia fetida</i> after exposure to single or multiple anthropogenic pollutants. <i>Science of the Total Environment</i> , 2022, 838, 156387.	8.0	12
5	Windthrow and salvage logging alter β -diversity of multiple species groups in a mountain spruce forest. <i>Forest Ecology and Management</i> , 2022, 520, 120401.	3.2	4
6	Ant Plants: <i>Macaranga</i> . , 2021, , 41-45.		0
7	Invasive <i>Impatiens glandulifera</i> : A driver of changes in native vegetation?. <i>Ecology and Evolution</i> , 2021, 11, 1320-1333.	1.9	5
8	Origin, behaviour, and genetics of reproductive workers in an invasive ant. <i>Frontiers in Zoology</i> , 2021, 18, 13.	2.0	3
9	Contrasting responses of above- and belowground diversity to multiple components of land-use intensity. <i>Nature Communications</i> , 2021, 12, 3918.	12.8	81
10	Forest disturbance and salvage logging have neutral long-term effects on drinking water quality but alter biodiversity. <i>Forest Ecology and Management</i> , 2021, 495, 119354.	3.2	8
11	Carpenter Ants. , 2021, , 157-161.		0
12	Introduced and Invasive Species. , 2021, , 524-533.		0
13	Individual vs. Combined Short-Term Effects of Soil Pollutants on Colony Founding in a Common Ant Species. <i>Frontiers in Insect Science</i> , 2021, 1, .	2.1	3
14	Influence of tree hollow characteristics and forest structure on saproxylic beetle diversity in tree hollows in managed forests in a regional comparison. <i>Ecology and Evolution</i> , 2021, 11, 17973-17999.	1.9	9
15	Estimating retention benchmarks for salvage logging to protect biodiversity. <i>Nature Communications</i> , 2020, 11, 4762.	12.8	54
16	Reduced benefits of ant occupation for ant-trees in oil palm compared with heavily logged forest. <i>Symbiosis</i> , 2020, 81, 79-91.	2.3	1
17	Comparing a Potential External Immune Defense Trait to Internal Immunity in Females of Wild Bumblebees. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	2
18	Pollutants and Their Interaction with Diseases of Social Hymenoptera. <i>Insects</i> , 2020, 11, 153.	2.2	44

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19	Formicine ants swallow their highly acidic poison for gut microbial selection and control. <i>ELife</i> , 2020, 9, .	6.0	23
20	Carpenter Ants. , 2020, , 1-6.		0
21	Ant Plants, <i>Macaranga</i> . , 2020, , 1-5.		0
22	Introduced and Invasive Species. , 2020, , 1-10.		0
23	Direct and indirect effects of land-use intensification on ant communities in temperate grasslands. <i>Ecology and Evolution</i> , 2019, 9, 4013-4024.	1.9	26
24	The effect of ground surface rugosity on ant running speed is species-specific rather than size dependent. <i>Insectes Sociaux</i> , 2019, 66, 355-364.	1.2	9
25	Matriline effects on metamorphic traits in a natural system in the European common frog (<i>Rana</i>) Tj ETQq1 1 0.784314 rgBT 1/Overloc	1.9	1
26	Land-use components, abundance of predatory arthropods, and vegetation height affect predation rates in grasslands. <i>Agriculture, Ecosystems and Environment</i> , 2019, 270-271, 84-92.	5.3	27
27	Microbial community composition of nest-carton and adjoining soil of the ant <i>Lasius fuliginosus</i> and the role of host secretions in structuring microbial communities. <i>Fungal Ecology</i> , 2019, 38, 44-53.	1.6	18
28	Early stage litter decomposition across biomes. <i>Science of the Total Environment</i> , 2018, 628-629, 1369-1394.	8.0	177
29	Dispersal limitation of saproxylic insects in a managed forest? A population genetics approach. <i>Basic and Applied Ecology</i> , 2018, 32, 26-38.	2.7	10
30	Temporal migration patterns and mating tactics influence size-assortative mating in <i>Rana temporaria</i> . <i>Behavioral Ecology</i> , 2018, 29, 418-428.	2.2	25
31	Biased dispersal of <i>Metrioptera bicolor</i> , a wing dimorphic bush-cricket. <i>Insect Science</i> , 2018, 25, 297-308.	3.0	9
32	Influence of tree hollow characteristics on saproxylic beetle diversity in a managed forest. <i>Biodiversity and Conservation</i> , 2018, 27, 853-869.	2.6	17
33	Gene-flow in the clouds: landscape genetics of a viviparous, montane grassland toad in the tropics. <i>Conservation Genetics</i> , 2018, 19, 169-180.	1.5	7
34	Species- and developmental stage-specific effects of allelopathy and competition of invasive <i>Impatiens glandulifera</i> on co-occurring plants. <i>PLoS ONE</i> , 2018, 13, e0205843.	2.5	18
35	Dispersal of Saproxylic Insects. <i>Zoological Monographs</i> , 2018, , 515-546.	1.1	15
36	Effect of forest management on temperate ant communities. <i>Ecosphere</i> , 2018, 9, e02303.	2.2	28

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37	Local differences of thermal preferences in European common frog (<i>Rana temporaria</i> Linnaeus, 1758) tadpoles. <i>Zoologischer Anzeiger</i> , 2017, 268, 47-54.	0.9	8
38	Release from prey preservation behavior via prey switch allowed diversification of cuticular hydrocarbon profiles in digger wasps. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 2562-2571.	2.3	5
39	Population-specific effects of developmental temperature on body condition and jumping performance of a widespread European frog. <i>Ecology and Evolution</i> , 2016, 6, 3115-3128.	1.9	15
40	The genome of Rhizobiales bacteria in predatory ants reveals urease gene functions but no genes for nitrogen fixation. <i>Scientific Reports</i> , 2016, 6, 39197.	3.3	55
41	Distribution of the obligate endosymbiont <i>Blochmannia floridanus</i> and expression analysis of putative immune genes in ovaries of the carpenter ant <i>Camponotus floridanus</i> . <i>Arthropod Structure and Development</i> , 2016, 45, 475-487.	1.4	24
42	Multiple paternity in a viviparous toad with internal fertilisation. <i>Die Naturwissenschaften</i> , 2016, 103, 51.	1.6	3
43	Paternity re-visited in a recovering population of Caribbean leatherback turtles (<i>Dermochelys</i>). <i>Trends in Ecology and Evolution</i> , 2016, 31, 107-114.	1.5	10
44	Taxonomic Revision of the Obligate Plant-Ants of the Genus <i>Crematogaster</i> Lund (Hymenoptera, Formicidae) from the Malay Peninsula. <i>Sociobiology</i> , 2016, 63, 651.	0.5	12
45	Do microsporidia function as "biological weapon" for <i>Harmonia axyridis</i> under natural conditions?. <i>Insect Science</i> , 2015, 22, 353-359.	3.0	6
46	Rapid increase of the parasitic fungus <i>Laboulbenia formicarum</i> in supercolonies of the invasive garden ant <i>Lasius neglectus</i> . <i>Biological Invasions</i> , 2015, 17, 2795-2801.	2.4	15
47	Scrutinizing the immune defence inventory of <i>Camponotus floridanus</i> applying total transcriptome sequencing. <i>BMC Genomics</i> , 2015, 16, 540.	2.8	33
48	Giants, Dwarfs and the Environment – Metamorphic Trait Plasticity in the Common Frog. <i>PLoS ONE</i> , 2014, 9, e89982.	2.5	18
49	Ant nutritional ecology: linking the nutritional niche plasticity on individual and colony-level to community ecology. <i>Current Opinion in Insect Science</i> , 2014, 5, 25-30.	4.4	21
50	Versatile roles of the chaperonin GroEL in microorganism-insect interactions. <i>FEMS Microbiology Letters</i> , 2014, 353, 1-10.	1.8	63
51	Population fluctuations affect inference in ecological networks of multi-species interactions. <i>Oikos</i> , 2014, 123, 589-598.	2.7	15
52	Unifying external and internal immune defences. <i>Trends in Ecology and Evolution</i> , 2014, 29, 625-634.	8.7	88
53	Systemic gene knockdown in <i>Camponotus floridanus</i> workers by feeding of dsRNA. <i>Insectes Sociaux</i> , 2013, 60, 475-484.	1.2	25
54	Gene expression analysis of the endosymbiont-bearing midgut tissue during ontogeny of the carpenter ant <i>Camponotus floridanus</i> . <i>Journal of Insect Physiology</i> , 2013, 59, 611-623.	2.0	41

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55	The genetic structure of populations of <i>Metrioptera bicolor</i> in a spatially structured landscape: effects of dispersal barriers and geographic distance. <i>Conservation Genetics</i> , 2013, 14, 299-311.	1.5	13
56	Endosymbiont Tolerance and Control within Insect Hosts. <i>Insects</i> , 2012, 3, 553-572.	2.2	59
57	Environmental factors fail to explain oviposition site use in the European common frog. <i>Journal of Zoology</i> , 2012, 288, 103-111.	1.7	14
58	Molecular Characterization of Antimicrobial Peptide Genes of the Carpenter Ant <i>Camponotus floridanus</i> . <i>PLoS ONE</i> , 2012, 7, e43036.	2.5	21
59	Bacterial symbionts as mediators of ecologically important traits of insect hosts. <i>Ecological Entomology</i> , 2011, 36, 533-543.	2.2	451
60	Immune response of the ant <i>Camponotus floridanus</i> against pathogens and its obligate mutualistic endosymbiont. <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 529-536.	2.7	36
61	Interspecific Aggression and Resource Monopolization of the Invasive Ant <i>Anoplolepis gracilipes</i> in Malaysian Borneo. <i>Biotropica</i> , 2011, 43, 93-99.	1.6	45
62	Genetic Relatedness and Chemical Profiles in an Unusually Peaceful Eusocial Bee. <i>Journal of Chemical Ecology</i> , 2011, 37, 1117-1126.	1.8	5
63	Supercolony mosaics: two different invasions by the yellow crazy ant, <i>Anoplolepis gracilipes</i> , on Christmas Island, Indian Ocean. <i>Biological Invasions</i> , 2010, 12, 677-687.	2.4	31
64	Bacteriocyte dynamics during development of a holometabolous insect, the carpenter ant <i>Camponotus floridanus</i> . <i>BMC Microbiology</i> , 2010, 10, 308.	3.3	72
65	Societies Drifting Apart? Behavioural, Genetic and Chemical Differentiation between Supercolonies in the Yellow Crazy Ant <i>Anoplolepis gracilipes</i> . <i>PLoS ONE</i> , 2010, 5, e13581.	2.5	38
66	Small, specialised and highly mobile? The tree-hole breeding frog, <i>Phrynobatrachus guineensis</i> , lacks fine-scale population structure. <i>African Journal of Herpetology</i> , 2010, 59, 79-94.	0.9	6
67	Estimation of dispersal distances of the obligately plant-associated ant <i>Crematogaster decamera</i> . <i>Ecological Entomology</i> , 2010, 35, 662-671.	2.2	14
68	Speciation in Obligately Plant-Associated <i>Crematogaster</i> Ants: Host Distribution Rather than Adaption Towards Specific Hosts Drives the Process. , 2010, , 193-213.		12
69	Promoter Characterization in the AT-Rich Genome of the Obligate Endosymbiont <i>Candidatus</i> <i>Blochmannia floridanus</i> . <i>Journal of Bacteriology</i> , 2009, 191, 3747-3751.	2.2	13
70	Genome degeneration affects both extracellular and intracellular bacterial endosymbionts. <i>Journal of Biology</i> , 2009, 8, 31.	2.7	4
71	Transcriptional profiling of the endosymbiont <i>Blochmannia floridanus</i> during different developmental stages of its holometabolous ant host. <i>Environmental Microbiology</i> , 2009, 11, 877-888.	3.8	47
72	Insects as hosts for mutualistic bacteria. <i>International Journal of Medical Microbiology</i> , 2009, 299, 1-8.	3.6	70

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73	Food and Shelter: How Resources Influence Ant Ecology. , 2009, , 115-136.		55
74	Polyandry in two South American harvester ants. <i>Insectes Sociaux</i> , 2008, 55, 91-97.	1.2	12
75	Population- and sociogenetic structure of the leaf-cutter ant <i>Atta colombica</i> (Formicidae). <i>Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50</i>	1.2	15
76	Immune reactions of insects on bacterial pathogens and mutualists. <i>Microbes and Infection</i> , 2008, 10, 1082-1088.	1.9	82
77	Patterns and rates of nucleotide substitution, insertion and deletion in the endosymbiont of ants <i>Blochmannia floridanus</i> . <i>Molecular Ecology</i> , 2008, 17, 4382-4392.	3.9	13
78	Lifelong commitment to the wrong partner: hybridization in ants. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 2891-2899.	4.0	52
79	Nutritional upgrading for omnivorous carpenter ants by the endosymbiont <i>Blochmannia</i> . <i>BMC Biology</i> , 2007, 5, 48.	3.8	244
80	Clouded leopard phylogeny revisited: support for species recognition and population division between Borneo and Sumatra. <i>Frontiers in Zoology</i> , 2007, 4, 15.	2.0	43
81	Bacterial microbiota associated with ants of the genus <i>Tetraponera</i> . <i>Biological Journal of the Linnean Society</i> , 2007, 90, 399-412.	1.6	82
82	Population structure and intraspecific aggression in the invasive ant species <i>Anoplolepis gracilipes</i> in Malaysian Borneo. <i>Molecular Ecology</i> , 2007, 16, 1453-1465.	3.9	52
83	Development of a chemically defined diet for ants. <i>Insectes Sociaux</i> , 2007, 54, 100-104.	1.2	17
84	Characterization of microsatellite markers for the invasive ant species <i>Anoplolepis gracilipes</i> . <i>Molecular Ecology Notes</i> , 2006, 6, 912-914.	1.7	8
85	Chemical composition of leaf volatiles in <i>Macaranga</i> species (Euphorbiaceae) and their potential role as olfactory cues in host-localization of foundress queens of specific ant partners. <i>Biochemical Systematics and Ecology</i> , 2006, 34, 97-113.	1.3	43
86	Relevance of the Endosymbiosis of <i>Blochmannia floridanus</i> and Carpenter Ants at Different Stages of the Life Cycle of the Host. <i>Applied and Environmental Microbiology</i> , 2006, 72, 6027-6033.	3.1	69
87	Insights into the microbial world associated with ants. <i>Archives of Microbiology</i> , 2005, 184, 199-206.	2.2	80
88	A shift in colony founding behaviour in the obligate plant-ant <i>Crematogaster</i> (<i>Decacrema</i>) morphospecies 2. <i>Insectes Sociaux</i> , 2005, 52, 222-230.	1.2	24
89	Characterization of microsatellite markers for plant-ants of the genus <i>Crematogaster</i> subgenus <i>Decacrema</i> . <i>Molecular Ecology Notes</i> , 2004, 4, 409-411.	1.7	8
90	Patterns of the <i>Crematogaster</i> - <i>Macaranga</i> association: The ant partner makes the difference. <i>Insectes Sociaux</i> , 2003, 50, 9-19.	1.2	46

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91	Molecular phylogeny of <i>Crematogaster</i> subgenus <i>Decacrema</i> ants (Hymenoptera: Formicidae) and the colonization of <i>Macaranga</i> (Euphorbiaceae) trees. <i>Molecular Phylogenetics and Evolution</i> , 2003, 27, 441-452.	2.7	43
92	Maintaining an ant-plant symbiosis: secondary polygyny in the <i>Macaranga triloba</i> - <i>Crematogaster</i> sp. association. <i>Die Naturwissenschaften</i> , 2000, 87, 408-411.	1.6	29
93	Micro-habitat and season dependent impact of the invasive <i>Impatiens glandulifera</i> on native vegetation. <i>NeoBiota</i> , 0, 57, 109-131.	1.0	6