

# Magne Friberg

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9469618/publications.pdf>

Version: 2024-02-01

49  
papers

1,620  
citations

279798

23  
h-index

330143

37  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1547  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gender Differences in Species Recognition and the Evolution of Asymmetric Sexual Isolation. <i>Current Biology</i> , 2007, 17, 1943-1947.	3.9	126
2	Rapid Increase in Genome Size as a Consequence of Transposable Element Hyperactivity in Wood-White (Leptidea) Butterflies. <i>Genome Biology and Evolution</i> , 2017, 9, 2491-2505.	2.5	94
3	The evolutionary ecology of generalization: among-year variation in host plant use and offspring survival in a butterfly. <i>Ecology</i> , 2009, 90, 3406-3417.	3.2	65
4	Versatility of multivalent orientation, inverted meiosis, and rescued fitness in holocentric chromosomal hybrids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9610-E9619.	7.1	62
5	Female mate choice determines reproductive isolation between sympatric butterflies. <i>Behavioral Ecology and Sociobiology</i> , 2008, 62, 873-886.	1.4	60
6	Reproductive isolation and patterns of genetic differentiation in a cryptic butterfly species complex. <i>Journal of Evolutionary Biology</i> , 2013, 26, 2095-2106.	1.7	60
7	Diversification through multitrait evolution in a coevolving interaction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11487-11492.	7.1	60
8	Niche separation in space and time between two sympatric sister species—a case of ecological pleiotropy. <i>Evolutionary Ecology</i> , 2008, 22, 1-18.	1.2	57
9	Extreme diversification of floral volatiles within and among species of <i>Lithophragma</i> (Saxifragaceae). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4406-4415.	7.1	56
10	Heterospecific courtship, minority effects and niche separation between cryptic butterfly species. <i>Journal of Evolutionary Biology</i> , 2013, 26, 971-979.	1.7	53
11	Enemy-free space and habitat-specific host specialization in a butterfly. <i>Oecologia</i> , 2008, 157, 287-294.	2.0	52
12	Host plant preference and performance of the sibling species of butterflies <i>Leptidea sinapis</i> and <i>Leptidea reali</i> : a test of the trade-off hypothesis for food specialisation. <i>Oecologia</i> , 2009, 159, 127-137.	2.0	52
13	Habitat choice precedes host plant choice — niche separation in a species pair of a generalist and a specialist butterfly. <i>Oikos</i> , 2008, 117, 1337-1344.	2.7	50
14	Floral Scent Contributes to Interaction Specificity in Coevolving Plants and Their Insect Pollinators. <i>Journal of Chemical Ecology</i> , 2014, 40, 955-965.	1.8	46
15	Seasonal polyphenism in life history traits: time costs of direct development in a butterfly. <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 1377-1383.	1.4	45
16	Asymmetric life-history decision-making in butterfly larvae. <i>Oecologia</i> , 2011, 165, 301-310.	2.0	44
17	Extreme divergence in floral scent among woodland star species ( <i>Lithophragma</i> spp.) pollinated by floral parasites. <i>Annals of Botany</i> , 2013, 111, 539-550.	2.9	43
18	Diel pattern of floral scent emission matches the relative importance of diurnal and nocturnal pollinators in populations of <i>Gymnadenia conopsea</i> . <i>Annals of Botany</i> , 2018, 121, 711-721.	2.9	42

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19	Strategic larval decision-making in a bivoltine butterfly. <i>Oecologia</i> , 2012, 169, 623-635.	2.0	41
20	Decoupling of female host plant preference and offspring performance in relative specialist and generalist butterflies. <i>Oecologia</i> , 2015, 178, 1181-1192.	2.0	40
21	Intraspecific variation in body size and the rate of reproduction in female insects – adaptive allometry or biophysical constraint?. <i>Journal of Animal Ecology</i> , 2012, 81, 1244-1258.	2.8	37
22	Conflicting selection on floral scent emission in the orchid <i>Gymnadenia conopsea</i> . <i>New Phytologist</i> , 2019, 222, 2009-2022.	7.3	36
23	Rodent predation on hibernating peacock and small tortoiseshell butterflies. <i>Behavioral Ecology and Sociobiology</i> , 2008, 62, 379-389.	1.4	35
24	Lack of gene flow: Narrow and dispersed differentiation islands in a triplet of <i>Leptidea</i> butterfly species. <i>Molecular Ecology</i> , 2019, 28, 3756-3770.	3.9	31
25	Ecological Constraints on Female Fitness in a Phytophagous Insect. <i>American Naturalist</i> , 2012, 180, 464-480.	2.1	24
26	Host plant exodus and larval wandering behaviour in a butterfly: diapause generation larvae wander for longer periods than do non-diapause generation larvae. <i>Ecological Entomology</i> , 2017, 42, 531-534.	2.2	24
27	Incomplete Sterility of Chromosomal Hybrids: Implications for Karyotype Evolution and Homoploid Hybrid Speciation. <i>Frontiers in Genetics</i> , 2020, 11, 583827.	2.3	24
28	Seasonal development and variation in abundance among four annual flight periods in a butterfly: a 20-year study of the speckled wood ( <i>Pararge aegeria</i> ). <i>Biological Journal of the Linnean Society</i> , 2011, 102, 635-649.	1.6	23
29	Host-plant-induced larval decision-making in a habitat/host-plant generalist butterfly. <i>Ecology</i> , 2010, 91, 15-21.	3.2	22
30	Diapause decision in the small tortoiseshell butterfly, <i>Aglais urticae</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2019, 167, 433.	1.4	20
31	Nutrient availability affects floral scent much less than other floral and vegetative traits in <i>Lithophragma bolanderi</i> . <i>Annals of Botany</i> , 2017, 120, 471-478.	2.9	19
32	Evolution of floral scent in relation to self-incompatibility and capacity for autonomous self-pollination in the perennial herb <i>Arabis alpina</i> . <i>Annals of Botany</i> , 2021, 127, 737-747.	2.9	19
33	Dissecting the Effects of Selection and Mutation on Genetic Diversity in Three Wood White ( <i>Leptidea</i> ) Butterfly Species. <i>Genome Biology and Evolution</i> , 2019, 11, 2875-2886.	2.5	18
34	Diversification of Trait Combinations in Coevolving Plant and Insect Lineages. <i>American Naturalist</i> , 2017, 190, 171-184.	2.1	16
35	Gene expression profiling across ontogenetic stages in the wood white ( <i>Leptidea sinapis</i> ) reveals pathways linked to butterfly diapause regulation. <i>Molecular Ecology</i> , 2018, 27, 935-948.	3.9	16
36	Divergence in selection of host species and plant parts among populations of a phytophagous insect. <i>Evolutionary Ecology</i> , 2016, 30, 723-737.	1.2	13

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37	Butterflies and plants: preference/performance studies in relation to plant size and the use of intact plants vs. cuttings. <i>Entomologia Experimentalis Et Applicata</i> , 2016, 160, 201-208.	1.4	13
38	Genomic Signatures of Sexual Selection on Pollen-Expressed Genes in <i>Arabis alpina</i> . <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	12
39	Host preference variation cannot explain microhabitat differentiation among sympatric <i>Pieris napi</i> and <i>Pieris rapae</i> butterflies. <i>Ecological Entomology</i> , 2019, 44, 571-576.	2.2	11
40	Female fecundity variation affects reproducibility of experiments on host plant preference and acceptance in a phytophagous insect. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162643.	2.6	9
41	Phenotypic plasticity in floral scent in response to nutrient, but not water, availability in the perennial plant <i>Arabis alpina</i> . <i>Functional Ecology</i> , 2021, 35, 1655-1665.	3.6	9
42	Selective Predation on Wing Morphology in Sympatric Damselflies. <i>American Naturalist</i> , 2007, 170, 101.	2.1	9
43	Local monophagy and between-site diversity in host use in the European swallowtail butterfly, <i>Papilio machaon</i> . <i>Biological Journal of the Linnean Society</i> , 2018, 123, 179-190.	1.6	8
44	Spatial variation in scent emission within flowers. <i>Nordic Journal of Botany</i> , 2021, 39, .	0.5	8
45	Consistent seasonal polyphenism in male genitalia of three Lepidoptera butterfly species (Lepidoptera: Tj ETQq1 1 0.784314 rgBT <sub>3</sub> /Overlo	1.6	3
46	Innate preference hierarchies coupled with adult experience, rather than larval imprinting or transgenerational acclimation, determine host plant use in <i>Pieris rapae</i> . <i>Ecology and Evolution</i> , 2021, 11, 242-251.	1.9	3
47	Generalized olfactory detection of floral volatiles in the highly specialized <i>Greya-Lithophragma</i> nursery pollination system. <i>Arthropod-Plant Interactions</i> , 2021, 15, 209-221.	1.1	3
48	Extensive pollinator sharing does not promote character displacement in two orchid congeners. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 749-764.	2.3	3
49	Non-parallel morphological divergence following colonization of a new host plant. <i>Evolutionary Ecology</i> , 2022, 36, 859-877.	1.2	3