

Melanie Gibbs

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,126
citations

331670

21
h-index

361022

35
g-index

37
all docs

37
docs citations

37
times ranked

3359
citing authors

#	ARTICLE	IF	CITATIONS
1	Costs of dispersal. <i>Biological Reviews</i> , 2012, 87, 290-312.	10.4	996
2	<scp>PIPITS</scp>: an automated pipeline for analyses of fungal internal transcribed spacer sequences from the <scp>Illumina</scp> sequencing platform. <i>Methods in Ecology and Evolution</i> , 2015, 6, 973-980.	5.2	277
3	Ancient Expansion of the Hox Cluster in Lepidoptera Generated Four Homeobox Genes Implicated in Extra-Embryonic Tissue Formation. <i>PLoS Genetics</i> , 2014, 10, e1004698.	3.5	58
4	Butterfly flight activity affects reproductive performance and longevity relative to landscape structure. <i>Oecologia</i> , 2010, 163, 341-350.	2.0	55
5	The association between wing morphology and dispersal is sex-specific in the glanville fritillary butterfly <i>Melitaea cinxia</i> (Lepidoptera: Nymphalidae). <i>European Journal of Entomology</i> , 2007, 104, 445-452.	1.2	53
6	<i>Torymus sinensis</i> : a viable management option for the biological control of <i>Dryocosmus kuriphilus</i> in Europe?. <i>BioControl</i> , 2011, 56, 527-538.	2.0	50
7	Unscrambling butterfly oogenesis. <i>BMC Genomics</i> , 2013, 14, 283.	2.8	44
8	Reproductive plasticity, oviposition site selection, and maternal effects in fragmented landscapes. <i>Behavioral Ecology and Sociobiology</i> , 2009, 64, 1-11.	1.4	37
9	The effects of insecticides on butterflies – A review. <i>Environmental Pollution</i> , 2018, 242, 507-518.	7.5	37
10	Flight during oviposition reduces maternal egg provisioning and influences offspring development in <i>Pararge aegeria</i> (L.). <i>Physiological Entomology</i> , 2010, 35, 29-39.	1.5	36
11	Vertically transmitted rhabdoviruses are found across three insect families and have dynamic interactions with their hosts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162381.	2.6	32
12	Egg size-number trade-off and a decline in oviposition site choice quality: Female <i>Pararge aegeria</i> butterflies pay a cost of having males present at oviposition. <i>Journal of Insect Science</i> , 2005, 5, 39.	1.5	31
13	Associational resistance to both insect and pathogen damage in mixed forests is modulated by tree neighbour identity and drought. <i>Journal of Ecology</i> , 2020, 108, 1511-1522.	4.0	31
14	Intraspecific competition in the speckled wood butterfly <i>Pararge aegeria</i> : Effect of rearing density and gender on larval life history. <i>Journal of Insect Science</i> , 2004, 4, 1-6.	0.9	30
15	Intraspecific competition in the speckled wood butterfly <i>Pararge aegeria</i> : Effect of rearing density and gender on larval life history. <i>Journal of Insect Science</i> , 2004, 4, 16.	1.5	29
16	Maternal effects, flight versus fecundity trade-offs, and offspring immune defence in the Speckled Wood butterfly, <i>Pararge aegeria</i> . <i>BMC Evolutionary Biology</i> , 2010, 10, 345.	3.2	29
17	Impacts of local adaptation of forest trees on associations with herbivorous insects: implications for adaptive forest management. <i>Evolutionary Applications</i> , 2015, 8, 972-987.	3.1	29
18	Reproductive plasticity, ovarian dynamics and maternal effects in response to temperature and flight in <i>Pararge aegeria</i> . <i>Journal of Insect Physiology</i> , 2010, 56, 1275-1283.	2.0	28

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19	Development on drought-stressed host plants affects life history, flight morphology and reproductive output relative to landscape structure. <i>Evolutionary Applications</i> , 2012, 5, 66-75.	3.1	27
20	Effect of larval-rearing density on adult life-history traits and developmental stability of the dorsal eyespot pattern in the speckled wood butterfly, <i>Pararge aegeria</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2006, 118, 41-47.	1.4	25
21	Integration of wings and their eyespots in the speckled wood butterfly <i>Pararge aegeria</i> . <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2007, 308B, 454-463.	1.3	25
22	Organisms on the move: ecology and evolution of dispersal. <i>Biology Letters</i> , 2010, 6, 146-148.	2.3	25
23	CRISPR/Cas9 as the Key to Unlocking the Secrets of Butterfly Wing Pattern Development and Its Evolution. <i>Advances in Insect Physiology</i> , 2018, 54, 85-115.	2.7	24
24	The Use of Geometric Morphometrics in Studying Butterfly Wings in an Evolutionary Ecological Context. <i>Lecture Notes in Earth Sciences</i> , 2010, , 271-287.	0.5	19
25	Temperature, rainfall and butterfly morphology: does life history theory match the observed pattern?. <i>Ecography</i> , 2011, 34, 336-344.	4.5	18
26	Historical and current patterns of gene flow in the butterfly <i>Pararge aegeria</i> . <i>Journal of Biogeography</i> , 2018, 45, 1628-1639.	3.0	18
27	Phenotypic plasticity in butterfly morphology in response to weather conditions during development. <i>Journal of Zoology</i> , 2011, 283, 162-168.	1.7	17
28	Divergent RNA Localisation Patterns of Maternal Genes Regulating Embryonic Patterning in the Butterfly <i>Pararge aegeria</i> . <i>PLoS ONE</i> , 2015, 10, e0144471.	2.5	11
29	Individual tree traits shape insect and disease damage on oak in a climate-matching tree diversity experiment. <i>Ecology and Evolution</i> , 2019, 9, 8524-8540.	1.9	11
30	Multiple host-plant use may arise from gender-specific fitness effects. <i>Journal of Insect Science</i> , 2006, 6, 1.	1.5	7
31	Flight-induced transgenerational maternal effects influence butterfly offspring performance during times of drought. <i>Oecologia</i> , 2018, 186, 383-391.	2.0	7
32	Does sibling competition have a sex-specific effect on offspring growth and development in the burying beetle <i>Nicrophorus vespilloides</i> ?. <i>Entomologia Experimentalis Et Applicata</i> , 2008, 126, 158-164.	1.4	4
33	Exploring sub-lethal effects of exposure to a nucleopolyhedrovirus in the speckled wood (<i>Pararge</i>) Tj ETQq1 1 0.784314 rgBT ₃ /Overlo	3.2	3
34	Sub-lethal viral exposure and growth on drought stressed host plants changes resource allocation patterns and life history costs in the Speckled Wood butterfly, <i>Pararge aegeria</i> . <i>Journal of Invertebrate Pathology</i> , 2017, 150, 106-113.	3.2	2
35	Viral exposure effects on life-history, flight-related traits, and wing melanisation in the Clanville fritillary butterfly. <i>Journal of Insect Physiology</i> , 2018, 107, 136-143.	2.0	1
36	Studying Oogenesis in a Non-model Organism Using Transcriptomics: Assembling, Annotating, and Analyzing Your Data. <i>Methods in Molecular Biology</i> , 2016, 1457, 129-143.	0.9	0

#	ARTICLE	IF	CITATIONS
37	The influence of chalk grasslands on butterfly phenology and ecology. Ecology and Evolution, 2021, 11, 14521-14539.	1.9	0