Felix A H Sperling

List of Publications by Year
in descending order

162	7,036	57758	71685
papers	citations	44 h-index	76 g-index

170	170	170	6145
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Current State Of Insect Molecular Systematics: A Thriving Tower of Babel. Annual Review of Entomology, 2000, 45, 1-54.	11.8	477
2	Multiâ€locus species delimitation in closely related animals and fungi: one marker is not enough. Molecular Ecology, 2012, 21, 4422-4436.	3.9	269
3	Draft genome of the mountain pine beetle, Dendroctonus ponderosae Hopkins, a major forest pest. Genome Biology, 2013, 14, R27.	9.6	260
4	Synergistic effects of combining morphological and molecular data in resolving the phylogeny of butterflies and skippers. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 1577-1586.	2.6	228
5	PapilioPhylogeny Based on Mitochondrial Cytochrome Oxidase I and II Genes. Molecular Phylogenetics and Evolution, 1999, 11, 122-137.	2.7	226
6	What causes latitudinal gradients in species diversity? Evolutionary processes and ecological constraints on swallowtail biodiversity. Ecology Letters, 2012, 15, 267-277.	6.4	222
7	Patterns of evolution of mitochondrial cytochrome c oxidase I and II DNA and implications for DNA barcoding. Molecular Phylogenetics and Evolution, 2007, 44, 325-345.	2.7	199
8	A DNA-Based Approach to the Identification of Insect Species Used for Postmorten Interval Estimation. Journal of Forensic Sciences, 1994, 39, 418-427.	1.6	199
9	Molecular Phylogeny, Historical Biogeography, and Divergence Time Estimates for Swallowtail Butterflies of the Genus Papilio (Lepidoptera: Papilionidae). Systematic Biology, 2004, 53, 193-215.	5.6	195
10	DNA-based identification of forensically important Chrysomyinae (Diptera: Calliphoridae). Forensic Science International, 2001, 120, 110-115.	2.2	162
11	DNA-Based Identification and Molecular Systematics of Forensically Important Sarcophagidae (Diptera). Journal of Forensic Sciences, 2001, 46, 1098-1102.	1.6	125
12	SEX-LINKED GENES AND SPECIES DIFFERENCES IN LEPIDOPTERA. Canadian Entomologist, 1994, 126, 807-818.	0.8	124
13	Population structure and species boundary delimitation of cryptic Dioryctria moths: an integrative approach. Molecular Ecology, 2007, 16, 3617-3633.	3.9	100
14	Interaction of process partitions in phylogenetic analysis: an example from the swallowtail butterfly genus Papilio. Molecular Biology and Evolution, 1999, 16, 286-297.	8.9	98
15	Molecular Phylogeny ofChrysomya albicepsandC. rufifacies(Diptera: Calliphoridae). Journal of Medical Entomology, 1999, 36, 222-226.	1.8	96
16	A Partitioned Likelihood Analysis of Swallowtail Butterfly Phylogeny (Lepidoptera: Papilionidae). Systematic Biology, 2001, 50, 106-127.	5.6	92
17	Phylogeny, historical biogeography, and taxonomic ranking of Parnassiinae (Lepidoptera, Papilionidae) based on morphology and seven genes. Molecular Phylogenetics and Evolution, 2007, 42, 131-156.	2.7	90
18	Multilocus species identification and fungal DNA barcoding: insights from blue stain fungal symbionts of the mountain pine beetle. Molecular Ecology Resources, 2010, 10, 946-959.	4.8	89

#	Article	IF	Citations
19	Testing the Role of the Red Queen and Court Jester as Drivers of the Macroevolution of Apollo Butterflies. Systematic Biology, 2018, 67, 940-964.	5.6	83
20	Phylogeny of Ips DeGeer Species (Coleoptera: Scolytidae) Inferred from Mitochondrial Cytochrome Oxidase I DNA Sequence. Molecular Phylogenetics and Evolution, 2000, 14, 445-460.	2.7	79
21	Mitochondrial DNA variation and Haldane's rule in the Papilio glaucus and P. troilus species groups. Heredity, 1993, 71, 227-233.	2.6	78
22	MITOCHONDRIAL DNA VARIATION WITHIN AND BETWEEN SPECIES OF THE PAPILIO MACHAON GROUP OF SWALLOWTAIL BUTTERFLIES. Evolution; International Journal of Organic Evolution, 1994, 48, 408-422.	2.3	77
23	Deceptive singleâ€locus taxonomy and phylogeography: Wolbachiaâ€associated divergence in mitochondrial <scp>DNA</scp> is not reflected in morphology and nuclear markers in a butterfly species. Ecology and Evolution, 2013, 3, 5167-5176.	1.9	72
24	How the Mountain Pine Beetle (Dendroctonus ponderosae) Breached the Canadian Rocky Mountains. Molecular Biology and Evolution, 2014, 31, 1803-1815.	8.9	70
25	Human and Insect Mitochondrial DNA Analysis from Maggots. Journal of Forensic Sciences, 2001, 46, 685-687.	1.6	69
26	Mitochondrial DNA sequence divergence in weevils of the Pissodes strobi species complex (Coleoptera: Curculionidae). Insect Molecular Biology, 1997, 6, 255-265.	2.0	66
27	Integrating morphology and mitochondrial DNA for species delimitation within the spruce budworm (Choristoneura fumiferana) cryptic species complex (Lepidoptera: Tortricidae). Systematic Entomology, 2010, 35, 416-428.	3.9	65
28	Whole Genome Shotgun Phylogenomics Resolves the Pattern and Timing of Swallowtail Butterfly Evolution. Systematic Biology, 2020, 69, 38-60.	5.6	65
29	A Partitioned Likelihood Analysis of Swallowtail Butterfly Phylogeny (Lepidoptera: Papilionidae). Systematic Biology, 2001, 50, 106-127.	5.6	63
30	Widespread decoupling of mtDNA variation and species integrity in Grammia tiger moths (Lepidoptera: Noctuidae). Systematic Entomology, 2008, 33, 613-634.	3.9	62
31	Global biogeographical pattern of swallowtail diversification demonstrates alternative colonization routes in the Northern and Southern hemispheres. Journal of Biogeography, 2013, 40, 9-23.	3.0	62
32	Spatial Genetic Structure of a Symbiotic Beetle-Fungal System: Toward Multi-Taxa Integrated Landscape Genetics. PLoS ONE, 2011, 6, e25359.	2.5	57
33	Systematics of the Argyrotaenia franciscana(Lepidoptera: Tortricidae) Species Group: Evidence from Mitochondrial Dna. Annals of the Entomological Society of America, 1999, 92, 40-46.	2.5	54
34	Comparison of bacterial 16S rRNA variable regions for microbiome surveys of ticks. Ticks and Tick-borne Diseases, 2017, 8, 453-461.	2.7	54
35	Phylogenetics and divergence times of Papilioninae (Lepidoptera) with special reference to the enigmatic genera Teinopalpus and Meandrusa. Cladistics, 2011, 27, 113-137.	3.3	53
36	Mitochondrial DNA sequence variation in Ixodes pacificus (Acari: Ixodidae). Heredity, 1999, 83, 378-386.	2.6	52

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37	The signal environment is more important than diet or chemical specialization in the evolution of warning coloration. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19381-19386.	7.1	52
38	Genetic and genomic evidence of niche partitioning and adaptive radiation in mountain pine beetle fungal symbionts. Molecular Ecology, 2017, 26, 2077-2091.	3.9	52
39	Dna-Based Identification of Introduced Ermine Moth Species in North America (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.5	50
40	Incomplete barriers to mitochondrial gene flow between pheromone races of the North American pine engraver,Ips pini(Say) (Coleoptera, Scolytidae). Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 1843-1850.	2.6	50
41	Mitochondrial DNA sequence variation and phylogeography of oceanic insects (Hemiptera: Gerridae:) Tj ETQq1 1 0.784314 rgBT /Ove	1.5	50
42	Comparative phylogeography, genetic differentiation and contrasting reproductive modes in three fungal symbionts of a multipartite bark beetle symbiosis. Molecular Ecology, 2011, 20, 584-600.	3.9	48
43	Deciphering the evolution of birdwing butterflies 150 years after Alfred Russel Wallace. Scientific Reports, 2015, 5, 11860.	3.3	47
44	Natural hybrids of Papilio (Insecta: Lepidoptera): poor taxonomy or interesting evolutionary problem?. Canadian Journal of Zoology, 1990, 68, 1790-1799.	1.0	46
45	Biogeographic and diversification patterns of Neotropical Troidini butterflies (Papilionidae) support a museum model of diversity dynamics for Amazonia. BMC Evolutionary Biology, 2012, 12, 82.	3.2	46
46	Population structure and migration pattern of a conifer pathogen,Grosmannia clavigera, as influenced by its symbiont, the mountain pine beetle. Molecular Ecology, 2012, 21, 71-86.	3.9	46
47	AMPLIFIED MITOCHONDRIAL DNA AS A DIAGNOSTIC MARKER FOR SPECIES OF CONIFER-FEEDINGCHORISTONEURA(LEPIDOPTERA: TORTRICIDAE). Canadian Entomologist, 1995, 127, 277-288.	0.8	45
48	Mitochondrial Dna, Allozymes, Morphology, and Hybrid Compatibility in Limnoporus Water Striders (Heteroptera: Gerridae): Do They All Track Species Phytogenies?. Annals of the Entomological Society of America, 1997, 90, 401-415.	2.5	45
49	Spatial Community Structure of Mountain Pine Beetle Fungal Symbionts Across a Latitudinal Gradient. Microbial Ecology, 2011, 62, 347-360.	2.8	44
50	Fineâ€scale biogeographical and temporal diversification processes of peacock swallowtails (Papilio subgenus Achillides) in the Indoâ€Australian Archipelago. Cladistics, 2013, 29, 88-111.	3.3	43
51	Genome-wide macroevolutionary signatures of key innovations in butterflies colonizing new host plants. Nature Communications, 2021, 12, 354.	12.8	43
52	Phylogeny of the water strider genus Gerris Fabricius (Heteroptera: Gerridae) based on COI mtDNA, EF-1Î± nuclear DNA and morphology. Systematic Entomology, 2001, 26, 241-254.	3.9	42
53	Mitochondrial DNA sequence variation among populations and host races of Lambdina fiscellaria (Gn.) (Lepidoptera: Geometridae). Insect Molecular Biology, 1999, 8, 97-106.	2.0	41
54	Utility of microsatellites and mitochondrial DNA for species delimitation in the spruce budworm (Choristoneura fumiferana) species complex (Lepidoptera: Tortricidae). Molecular Phylogenetics and Evolution, 2011, 58, 232-243.	2.7	40

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55	Phylogeny of sea skaters, Halobates Eschscholtz (Hemiptera, Gerridae), based on mtDNA sequence and morphology. Zoological Journal of the Linnean Society, 2000, 130, 511-526.	2.3	39
56	Species delimitation using morphology, morphometrics, and molecules: definition of the Ophion scutellaris Thomson species group, with descriptions of six new species (Hymenoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697 Td (Ic	1.1	39
57	INDEPENDENT GENE PHYLOGENIES AND MORPHOLOGY DEMONSTRATE A MALAGASY ORIGIN FOR A WIDE-RANGING GROUP OF SWALLOWTAIL BUTTERFLIES. Evolution; International Journal of Organic Evolution, 2004, 58, 2763-2782.	2.3	38
58	Mitochondrial DNA sequence variation among pheromotypes of the dingy cutworm, Feltia jaculifera (Gn.) (Lepidoptera: Noctuidae). Canadian Journal of Zoology, 1996, 74, 2109-2117.	1.0	37
59	Mitochondrial DNA Variation Within and between Species of the Papilio machaon Group of Swallowtail Butterflies. Evolution; International Journal of Organic Evolution, 1994, 48, 408.	2.3	36
60	Mitochondrial phylogeography of the Holarctic Parnassius phoebus complex supports a recent refugial model for alpine butterflies. Journal of Biogeography, 2012, 39, 1058-1072.	3.0	36
61	Structure of an Asymmetric Hybrid Zone between Two Water Strider Species (Hemiptera: Gerridae:) Tj ETQq1 1 0.784314 rgBT /Overl	2.3	35
62	Phylogeny of the water strider genus Aquarius Schellenberg (Heteroptera: Gerridae) based on nuclear and mitochondrial DNA sequences and morphology. Insect Systematics and Evolution, 2000, 31, 71-90.	0.7	34
63	Higher-level phylogeny of mosquitoes (Diptera: Culicidae): mtDNA data support a derived placement for Toxorhynchites. Insect Systematics and Evolution, 2002, 33, 163-174.	0.7	34
64	Mitochondrial phylogenomics, the origin of swallowtail butterflies, and the impact of the number of clocks in <scp>B</scp>ayesian molecular dating. Systematic Entomology, 2018, 43, 460-480.	3.9	34
65	Mitochondrial DNA divergence and phylogeography in western Palaearctic Parnassiinae (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Ov	0.7	33
66	Title is missing!. Journal of Insect Conservation, 2001, 5, 207-215.	1.4	32
67	Mitochondrial introgression is restricted relative to nuclear markers in a water strider (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Overlo	1.0	32
68	Comparison of five methods for delimitating species in Ophion Fabricius, a diverse genus of parasitoid wasps (Hymenoptera, Ichneumonidae). Molecular Phylogenetics and Evolution, 2015, 93, 234-248.	2.7	32
69	Genome-wide SNPs resolve phylogenetic relationships in the North American spruce budworm (Choristoneura fumiferana) species complex. Molecular Phylogenetics and Evolution, 2017, 111, 158-168.	2.7	32
70	MITOCHONDRIAL DNA VARIATION AND IDENTIFICATION OF BARK WEEVILS IN THEPISSODES STROBISPECIES GROUP IN WESTERN CANADA (COLEOPTERA: CURCULIONIDAE). Canadian Entomologist, 1995, 127, 895-911.	0.8	30
71	Evolution of ecological traits and wing morphology in Hemileuca (Saturniidae) based on a two-gene phylogeny. Molecular Phylogenetics and Evolution, 2002, 25, 70-86.	2.7	30
72	Mitochondrial DNA sequence, morphology and ecology yield contrasting conservation implications for two threatened buckmoths (Hemileuca: Saturniidae). Biological Conservation, 2004, 118, 341-351.	4.1	30

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73	Role of <scp>C</scp>aribbean Islands in the diversification and biogeography of Neotropical <scp>H</scp>eraclides swallowtails. Cladistics, 2015, 31, 291-314.	3.3	30
74	Adaptive and neutral markers both show continentâ€wide population structure of mountain pine beetle (Dendroctonus ponderosae). Ecology and Evolution, 2016, 6, 6292-6300.	1.9	30
75	Molecular Phylogeny Within and Between Species of the <I>Archips argyrospila</I> Complex (Lepidoptera: Tortricidae). Annals of the Entomological Society of America, 2001, 94, 166-173.	2.5	29
76	Deep Mitochondrial DNA Lineage Divergences Within Alberta Populations of Dermacentor albipictus (Acari: Ixodidae) Do Not Indicate Distinct Species. Journal of Medical Entomology, 2010, 47, 565-574.	1.8	28
77	Would an <scp>RRS</scp> by any other name sound as <scp>RAD</scp>?. Methods in Ecology and Evolution, 2018, 9, 1920-1927.	5.2	27
78	Lifeâ€stage differences in spatial genetic structure in an irruptive forest insect: implications for dispersal and spatial synchrony. Molecular Ecology, 2015, 24, 296-309.	3.9	26
79	Mitochondrial phylogeny of pine cone beetles (Scolytinae, Conophthorus) and their affiliation with geographic area and host. Molecular Phylogenetics and Evolution, 2005, 36, 494-508.	2.7	25
80	Population Structure of the Cabbage Seedpod Weevil,Ceutorhynchus obstrictus(Marsham) (Coleoptera Curculionidae): Origins of North American Introductions. Environmental Entomology, 2005, 34, 504-510.	1.4	25
81	Phylogeographic insights into an irruptive pest outbreak. Ecology and Evolution, 2012, 2, 908-919.	1.9	25
82	Repeated Reticulate Evolution in North American Papilio machaon Group Swallowtail Butterflies. PLoS ONE, 2015, 10, e0141882.	2.5	25
83	Genotypingâ€byâ€sequencing approach indicates geographic distance as the main factor affecting genetic structure and gene flow in Brazilian populations of Grapholita molesta (Lepidoptera,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5		25
84	Diversification shifts in leafroller moths linked to continental colonization and the rise of angiosperms. Cladistics, 2017, 33, 449-466.	3.3	24
85	The latitudinal diversity gradient in New World swallowtail butterflies is caused by contrasting patterns of outâ€ofâ€and intoâ€theâ€tropics dispersal. Global Ecology and Biogeography, 2017, 26, 1447-1458.	5.8	24
86	Population Genetic Structure of Ixodes pacificus (Acari: Ixodidae) Using Allozymes. Journal of Medical Entomology, 1997, 34, 441-450.	1.8	23
87	Two's company, three's a crowd: new insights on spruce budworm species boundaries using genotypingâ€byâ€sequencing in an integrative species assessment (Lepidoptera: Tortricidae). Systematic Entomology, 2017, 42, 317-328.	3.9	23
88	Evolving Perspectives on Lyme Borreliosis in Canada. The Open Neurology Journal, 2012, 6, 94-103.	0.4	23
89	Tracing an Invasion: Phylogeography of Cactoblastis cactorum (Lepidoptera: Pyralidae) in the United States Based on Mitochondrial DNA. Annals of the Entomological Society of America, 2008, 101, 899-905.	2.5	22
90	Continentâ€wide population genomic structure and phylogeography of North Americaâ€™s most destructive conifer defoliator, the spruce budworm (Choristoneura fumiferana). Ecology and Evolution, 2020, 10, 914-927.	1.9	21

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91	ALLOZYME SURVEY AND RELATIONSHIPS OFLIMNOPORUSSTÃ...L SPECIES (HETEROPTERA: GERRIDAE). Canadian Entomologist, 1990, 122, 29-42.	0.8	20
92	Identification of <I>Dioryctria</I> (Lepidoptera: Pyralidae) in a Seed Orchard at Chico, California. Annals of the Entomological Society of America, 2006, 99, 433-448.	2.5	20
93	Trogus parasitoids of Papilio butterflies undergo extended diapause in western Canada (Hymenoptera,) Tj ETQq1 1 0.784314 rgBT /O	0.8	20
94	MITOCHONDRIAL DNA PHYLOGENY OF THE PAPILIO MACHAON SPECIES GROUP (LEPIDOPTERA:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	20
95	Population Structure and Gene Flow in the White Pine Weevil, <I>Pissodes strobi</I> (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlo	2.5	19
96	Phylogenetic framework for Dioryctria (Lepidoptera: Pyralidae: Phycitinae) based on combined analysis of mitochondrial DNA and morphology. Canadian Entomologist, 2005, 137, 685-711.	0.8	19
97	Lyme borreliosis in Canada: biological diversity and diagnostic complexity from an entomological perspective. Canadian Entomologist, 2009, 141, 521-549.	0.8	19
98	The evolutionary history ofBoloria(Lepidoptera: Nymphalidae): phylogeny, zoogeography and larvalâ€“foodplant relationships. Systematics and Biodiversity, 2010, 8, 513-529.	1.2	19
99	Gene flow and climateâ€associated genetic variation in a vagile habitat specialist. Molecular Ecology, 2020, 29, 3889-3906.	3.9	19
100	Phylogeny of Nearctic Species of the Xylosteana Group of <I>Archips</I> HÃ¼bner (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 of the Entomological Society of America, 2002, 95, 288-301.	2.5	18
101	Tracing an Invasion: Phylogeography of <I>Cactoblastis cactorum</I> (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 1 America, 2008, 101, 899-905.	2.5	16
102	Single nucleotide polymorphismâ€based species phylogeny of greater fritillary butterflies (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 2020, 45, 269-280.	3.9	16
103	STRUCTURE OF AN ASYMMETRIC HYBRID ZONE BETWEEN TWO WATER STRIDER SPECIES (HEMIPTERA:) Tj ETQq1 1 0.784314 rgBT /O 1370-1383.	2.3	15
104	Deep Mitochondrial DNA Lineage Divergences Within Alberta Populations of <I>Dermacentor albipictus</I> (Acari: Ixodidae) Do Not Indicate Distinct Species. Journal of Medical Entomology, 2010, 47, 565-574.	1.8	15
105	ORIGIN OFDERMACENTOR ALBIPICTUS(ACARI: IXODIDAE) ON ELK IN THE YUKON, CANADA. Journal of Wildlife Diseases, 2014, 50, 544-551.	0.8	15
106	Polygamy and an absence of fine-scale structure in Dendroctonus ponderosae (Hopk.) (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.6	15
107	Population genetic structure of two water strider species in the Ecuadorian Amazon. Freshwater Biology, 2002, 47, 391-399.	2.4	14
108	Genetic evaluation of the evolutionary distinctness of a federally endangered butterfly, Langeâ€™s Metalmark. BMC Evolutionary Biology, 2015, 15, 73.	3.2	14

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109	Crossâ€platform compatibility of de novoâ€aligned <scp>SNP</scp>s in a nonmodel butterfly genus. Molecular Ecology Resources, 2017, 17, e84-e93.	4.8	14
110	Mitochondrial DNA variation in two invasive birch leaf-mining sawflies in North America. Canadian Entomologist, 2007, 139, 545-553.	0.8	13
111	Phylogeographic signal variation in mitochondrial DNA among geographically isolated grassland butterflies. Journal of Biogeography, 2011, 38, 299-310.	3.0	13
112	Biology and management of North American cone-feeding Dioryctria species. Canadian Entomologist, 2011, 143, 1-34.	0.8	13
113	Hybrid dynamics in a species group of swallowtail butterflies. Journal of Evolutionary Biology, 2016, 29, 1932-1951.	1.7	13
114	Lifeâ€history traits maintain the genomic integrity of sympatric species of the spruce budworm (Choristoneura fumiferana) group on an isolated forest island. Ecology and Evolution, 2011, 1, 119-131.	1.9	12
115	Where did mountain pine beetle populations in Jasper Park come from? Tracking beetles with genetics. Forestry Chronicle, 2018, 94, 20-24.	0.6	12
116	Insights into the Structure of the Spruce Budworm (Choristoneura fumiferana) Genome, as Revealed by Molecular Cytogenetic Analyses and a High-Density Linkage Map. G3: Genes, Genomes, Genetics, 2018, 8, 2539-2549.	1.8	12
117	The contribution of genetics and genomics to understanding the ecology of the mountain pine beetle system. Canadian Journal of Forest Research, 2019, 49, 721-730.	1.7	12
118	Morphological variation associated with dispersal capacity in a treeâ€killing bark beetle Dendroctonus ponderosae Hopkins. Agricultural and Forest Entomology, 2019, 21, 79-87.	1.3	12
119	Microbiome Composition and Borrelia Detection in Ixodes scapularis Ticks at the Northwestern Edge of Their Range. Tropical Medicine and Infectious Disease, 2020, 5, 173.	2.3	12
120	Population structure and phylogenetic relationships of Ceutorhynchus neglectus (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	0.8	11
121	Phylogeny of the tribe Archipini (Lepidoptera: Tortricidae: Tortricinae) and evolutionary correlates of novel secondary sexual structures . Zootaxa, 2013, 3729, 1.	0.5	11
122	Convergent herbivory on conifers by Choristoneura moths after boreal forest formation. Molecular Phylogenetics and Evolution, 2018, 123, 35-43.	2.7	11
123	Chromosomeâ€level genome assembly reveals genomic architecture of northern range expansion in the mountain pine beetle, Dendroctonus ponderosae Hopkins (Coleoptera: Curculionidae). Molecular Ecology Resources, 2022, 22, 1149-1167.	4.8	11
124	Genus delimitation, biogeography and diversification of Choristoneura Lederer (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.9	10
125	Systematics of the <I>Dioryctria abietella</I> Species Group (Lepidoptera: Pyralidae) Based on Mitochondrial DNA. Annals of the Entomological Society of America, 2008, 101, 845-859.	2.5	9
126	Vestiges of an ancestral host plant: preference and performance in the butterfly P olygonia faunus and its sister species P . câ€album. Ecological Entomology, 2015, 40, 307-315.	2.2	9

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127	Phylogeny of Nearctic Pandemis (Lepidoptera: Tortricidae), with Focus on Species Boundaries in the P. limitata Group. Annals of the Entomological Society of America, 2012, 105, 768-780.	2.5	8
128	Genetically separate populations of the ocean-skater Halobates sericeus (Heteroptera: Gerridae) have been maintained since the late Pleistocene. Biological Journal of the Linnean Society, 2012, 105, 797-805.	1.6	8
129	Molecular phylogeny of the diverse parasitoid wasp genus Ophion Fabricius (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	3.9	8
130	Genomic data indicate ubiquitous evolutionary distinctiveness among populations of California metalmark butterflies. Conservation Genetics, 2018, 19, 1097-1108.	1.5	8
131	Within-population diversity of bacterial microbiomes in winter ticks (Dermacentor albipictus). Ticks and Tick-borne Diseases, 2020, 11, 101535.	2.7	8
132	Apodemia mormo in Canada: population genetic data support prior conservation ranking. Journal of Insect Conservation, 2013, 17, 155-170.	1.4	7
133	Distinct sources of gene flow produce contrasting population genetic dynamics at different range boundaries of a Choristoneura budworm. Molecular Ecology, 2017, 26, 6666-6684.	3.9	7
134	Phylogenomic test of mitochondrial clues to archaic ancestors in a group of hybridizing swallowtail butterflies. Molecular Phylogenetics and Evolution, 2020, 152, 106921.	2.7	7
135	Isolation and characterization of eight microsatellite loci in the spruce budworm species Choristoneura fumiferana and Choristoneura occidentalis, and cross-species amplification in related tortricid moths. Conservation Genetics Resources, 2009, 1, 501-504.	0.8	6
136	Characterization of 14 microsatellite loci developed for Dermacentor albipictus and cross-species amplification in D. andersoni and D. variabilis (Acari: Ixodidae). Conservation Genetics Resources, 2012, 4, 379-382.	0.8	6
137	Inferring Ancestry and Divergence Events in a Forest Pest Using Low-Density Single-Nucleotide Polymorphisms. Insect Systematics and Diversity, 2018, 2, .	1.7	6
138	Environmental effects on gene flow in a species complex of vagile, hilltopping butterflies. Biological Journal of the Linnean Society, 2019, 127, 417-428.	1.6	6
139	Repurposing population genetics data to discern genomic architecture: A case study of linkage cohort detection in mountain pine beetle (Dendroctonus ponderosae). Ecology and Evolution, 2019, 9, 1147-1159.	1.9	6
140	Genomics and ecological modelling clarify species integrity in a confusing group of butterflies. Molecular Ecology, 2022, 31, 2400-2417.	3.9	6
141	Phycitinae Phylogeny Based on Two Genes, with Implications for Morphological Trait Evolution and Heinrich's Tribal Classification (Lepidoptera: Pyralidae). Journal of the Lepidopterists' Society, 2015, 69, 157-173.	0.2	5
142	PCR-based methods for identification of two Eteobalea species (Lepidoptera: Cosmopterigidae) used as biocontrol agents of weedy Linaria species (Scrophulariaceae). Canadian Entomologist, 2005, 137, 129-137.	0.8	4
143	Identification and ecological characterisation of Choristoneura occidentalis (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.8	4
144	A Mathematical Model to Capture Complex Microstructure Orientation on Insect Wings. PLoS ONE, 2015, 10, e0138282.	2.5	4

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145	Fine-scale genetic diversity and relatedness in fungi associated with the mountain pine beetle. Canadian Journal of Forest Research, 2019, 49, 933-941.	1.7	4
146	Source and spread dynamics of mountain pine beetle in central Alberta, Canada. Canadian Entomologist, 2021, 153, 314-326.	0.8	4
147	Exploring a key synapomorphy: correlations between structure and function in the sternumâ€ƒV glands of Trichoptera and Lepidoptera (Insecta). Biological Journal of the Linnean Society, 2012, 106, 561-579.	1.6	3
148	Characterization of EST-based SSR loci in the spruce budworm, Choristoneura fumiferana (Lepidoptera: Tortricidae). Conservation Genetics Resources, 2013, 5, 541-544.	0.8	3
149	Genomic distinctness despite shared color patterns among threatened populations of a tiger beetle. Conservation Genetics, 2021, 22, 873-888.	1.5	3
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