

Alfried P Vogler

List of Publications by Year in descending order

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Version: 2024-02-01

176
papers

15,662
citations

20759

60
h-index

19690

117
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183
all docs

183
docs citations

183
times ranked

13633
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequence-Based Species Delimitation for the DNA Taxonomy of Undescribed Insects. <i>Systematic Biology</i> , 2006, 55, 595-609.	2.7	2,257
2	A plea for DNA taxonomy. <i>Trends in Ecology and Evolution</i> , 2003, 18, 70-74.	4.2	781
3	A Comprehensive Phylogeny of Beetles Reveals the Evolutionary Origins of a Superradiation. <i>Science</i> , 2007, 318, 1913-1916.	6.0	729
4	Revisiting the Insect Mitochondrial Molecular Clock: The Mid-Aegean Trench Calibration. <i>Molecular Biology and Evolution</i> , 2010, 27, 1659-1672.	3.5	729
5	Accelerated Species Inventory on Madagascar Using Coalescent-Based Models of Species Delineation. <i>Systematic Biology</i> , 2009, 58, 298-311.	2.7	641
6	The Effect of Geographical Scale of Sampling on DNA Barcoding. <i>Systematic Biology</i> , 2012, 61, 851-869.	2.7	386
7	A comprehensive phylogenetic analysis of termites (Isoptera) illuminates key aspects of their evolutionary biology. <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 953-967.	1.2	341
8	Diagnosing Units of Conservation Management. <i>Conservation Biology</i> , 1994, 8, 354-363.	2.4	333
9	Implementation options for DNA-based identification into ecological status assessment under the European Water Framework Directive. <i>Water Research</i> , 2018, 138, 192-205.	5.3	275
10	Bulk De Novo Mitogenome Assembly from Pooled Total DNA Elucidates the Phylogeny of Weevils (Coleoptera: Curculionoidea). <i>Molecular Biology and Evolution</i> , 2014, 31, 2223-2237.	3.5	195
11	Building the Coleoptera tree of life for >8000 species: composition of public DNA data and fit with Linnaean classification. <i>Systematic Entomology</i> , 2014, 39, 97-110.	1.7	195
12	Revealing the factors that promote speciation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1998, 353, 241-249.	1.8	182
13	DNA barcoding insect-host plant associations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 639-648.	1.2	174
14	Conservation Genetics at the Species Boundary. <i>Conservation Biology</i> , 2000, 14, 120-131.	2.4	168
15	Soup to Tree: The Phylogeny of Beetles Inferred by Mitochondrial Metagenomics of a Bornean Rainforest Sample. <i>Molecular Biology and Evolution</i> , 2015, 32, 2302-2316.	3.5	163
16	Family-Level Sampling of Mitochondrial Genomes in Coleoptera: Compositional Heterogeneity and Phylogenetics. <i>Genome Biology and Evolution</i> , 2016, 8, 161-175.	1.1	157
17	Connecting Earth observation to high-throughput biodiversity data. <i>Nature Ecology and Evolution</i> , 2017, 1, 176.	3.4	156
18	Capturing the Phylogeny of Holometabola with Mitochondrial Genome Data and Bayesian Site-Heterogeneous Mixture Models. <i>Genome Biology and Evolution</i> , 2016, 8, 1411-1426.	1.1	154

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19	DNAqua-Net: Developing new genetic tools for bioassessment and monitoring of aquatic ecosystems in Europe. <i>Research Ideas and Outcomes</i> , 0, 2, e11321.	1.0	154
20	The towering orogeny of New Guinea as a trigger for arthropod megadiversity. <i>Nature Communications</i> , 2014, 5, 4001.	5.8	152
21	Sequence Alignment of 18S Ribosomal RNA and the Basal Relationships of Aedeoidea Beetles: Evidence for Monophyly of Aquatic Families and the Placement of Trachypachidae. <i>Systematic Biology</i> , 2001, 50, 945-969.	2.7	150
22	Exploring Data Interaction and Nucleotide Alignment in a Multiple Gene Analysis of <i>Ips</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.7	141
23	Rarity and Incomplete Sampling in DNA-Based Species Delimitation. <i>Systematic Biology</i> , 2016, 65, 478-494.	2.7	138
24	DNA-based taxonomy for associating adults and larvae in multi-species assemblages of chafers (Coleoptera: Scarabaeidae). <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 436-449.	1.2	137
25	Molecular phylogenetics of Elateriformia (Coleoptera): evolution of bioluminescence and neoteny. <i>Cladistics</i> , 2007, 23, 477-496.	1.5	134
26	Speciation of Iberian diving beetles in Pleistocene refugia (Coleoptera, Dytiscidae). <i>Molecular Ecology</i> , 2004, 13, 179-193.	2.0	131
27	The evolution of scarab beetles tracks the sequential rise of angiosperms and mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141470.	1.2	131
28	Why the COI barcode should be the community <sc>DNA</sc> metabarcode for the metazoa. <i>Molecular Ecology</i> , 2018, 27, 3968-3975.	2.0	131
29	Recalibrated Tree of Leaf Beetles (Chrysomelidae) Indicates Independent Diversification of Angiosperms and Their Insect Herbivores. <i>PLoS ONE</i> , 2007, 2, e360.	1.1	124
30	Recent Diversification Rates in North American Tiger Beetles Estimated from a Dated mtDNA Phylogenetic Tree. <i>Molecular Biology and Evolution</i> , 2002, 19, 1706-1716.	3.5	121
31	A molecular phylogenetic analysis of the Scarabaeinae (dung beetles). <i>Molecular Phylogenetics and Evolution</i> , 2007, 45, 674-692.	1.2	121
32	Molecular Population Genetics of the Endangered Tiger Beetle <i>Cicindela dorsalis</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	1.3	120
33	Comparative phylogeography of tenebrionid beetles in the Aegean archipelago: the effect of dispersal ability and habitat preference. <i>Molecular Ecology</i> , 2009, 18, 2503-2517.	2.0	119
34	Comparing the effectiveness of metagenomics and metabarcoding for diet analysis of a leaf-feeding monkey (<i><sc>P</sc>ygathrix nemaeus</i>). <i>Molecular Ecology Resources</i> , 2015, 15, 250-261.	2.2	119
35	Protecting an Ecosystem Service. <i>Advances in Ecological Research</i> , 2016, 54, 135-206.	1.4	115
36	Does habitat use explain large scale species richness patterns of aquatic beetles in Europe?. <i>Ecography</i> , 2003, 26, 145-152.	2.1	104

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37	Speciation and DNA barcodes: testing the effects of dispersal on the formation of discrete sequence clusters. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 2987-2996.	1.8	104
38	Mitochondrial phylogenomics of the Hymenoptera. <i>Molecular Phylogenetics and Evolution</i> , 2019, 131, 8-18.	1.2	104
39	Mitochondrial metagenomics: letting the genes out of the bottle. <i>GigaScience</i> , 2016, 5, 15.	3.3	103
40	Phylogenetically informative rearrangements in mitochondrial genomes of Coleoptera, and monophyly of aquatic elateriform beetles (Dryopoidea). <i>Molecular Phylogenetics and Evolution</i> , 2012, 63, 299-304.	1.2	100
41	Phylogenetic community ecology of soil biodiversity using mitochondrial metagenomics. <i>Molecular Ecology</i> , 2015, 24, 3603-3617.	2.0	93
42	Beyond barcodes: complex DNA taxonomy of a South Pacific Island radiation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 887-893.	1.2	87
43	Multiple ancient origins of neoteny in Lycidae (Coleoptera): consequences for ecology and macroevolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 2015-2023.	1.2	87
44	Dense Taxonomic EST Sampling and Its Applications for Molecular Systematics of the Coleoptera (Beetles). <i>Molecular Biology and Evolution</i> , 2006, 23, 268-278.	3.5	86
45	Testing the Speciesâ€“Genetic Diversity Correlation in the Aegean Archipelago: Toward a Haplotype-Based Macroecology?. <i>American Naturalist</i> , 2011, 178, 241-255.	1.0	86
46	Validating the power of mitochondrial metagenomics for community ecology and phylogenetics of complex assemblages. <i>Methods in Ecology and Evolution</i> , 2015, 6, 883-894.	2.2	86
47	Phylogeny and diversification of diving beetles (Coleoptera: Dytiscidae). <i>Cladistics</i> , 2008, 24, 563-590.	1.5	84
48	Trans-oceanic and endemic origins of the small minnow mayflies (Ephemeroptera, Baetidae) of Madagascar. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 1829-1836.	1.2	83
49	Fecal metagenomics for the simultaneous assessment of diet, parasites, and population genetics of an understudied primate. <i>Frontiers in Zoology</i> , 2016, 13, 17.	0.9	79
50	New Guinea highland origin of a widespread arthropod supertramp. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 2359-2367.	1.2	78
51	Metabarcoding and mitochondrial metagenomics of endogean arthropods to unveil the mesofauna of the soil. <i>Methods in Ecology and Evolution</i> , 2016, 7, 1071-1081.	2.2	75
52	Phylogeny of Hydradephagan Water Beetles Inferred from 18S rRNA Sequences. <i>Molecular Phylogenetics and Evolution</i> , 2002, 23, 43-62.	1.2	72
53	Whole-community DNA barcoding reveals a spatio-temporal continuum of biodiversity at species and genetic levels. <i>Nature Communications</i> , 2013, 4, 1892.	5.8	71
54	Analysis of the nag regulon from <i>Escherichia coli</i> K12 and <i>Klebsiella pneumoniae</i> and of its regulation. <i>Molecular Genetics and Genomics</i> , 1989, 219, 97-105.	2.4	70

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55	The mitogenome phylogeny of Adephaga (Coleoptera). <i>Molecular Phylogenetics and Evolution</i> , 2017, 114, 166-174.	1.2	70
56	Complex Pattern of Coalescence and Fast Evolution of a Mitochondrial rRNA Pseudogene in a Recent Radiation of Tiger Beetles. <i>Molecular Biology and Evolution</i> , 2005, 22, 991-1000.	3.5	69
57	Multilocus ribosomal RNA phylogeny of the leaf beetles (Chrysomelidae). <i>Cladistics</i> , 2008, 24, 34-50.	1.5	69
58	Mitogenome sequences stabilize the phylogenetics of weevils (Curculionoidea) and establish the monophyly of larval ectophagy. <i>Molecular Phylogenetics and Evolution</i> , 2013, 67, 156-166.	1.2	69
59	Basal relationships of Coleoptera inferred from 18S rDNA sequences. <i>Zoologica Scripta</i> , 2002, 31, 41-49.	0.7	68
60	On the constitution and phylogeny of Staphyliniformia (Insecta: Coleoptera). <i>Molecular Phylogenetics and Evolution</i> , 2005, 34, 655-672.	1.2	67
61	Higher-level phylogeny of longhorn beetles (Coleoptera: Chrysomeloidea) inferred from mitochondrial genomes. <i>Systematic Entomology</i> , 2021, 46, 56-70.	1.7	65
62	A Molecular Phylogeny of the Tiger Beetles (Cicindelidae): Congruence of Mitochondrial and Nuclear rDNA Data Sets. <i>Molecular Phylogenetics and Evolution</i> , 1996, 6, 321-338.	1.2	64
63	How Slippage-Derived Sequences Are Incorporated into rRNA Variable-Region Secondary Structure: Implications for Phylogeny Reconstruction. <i>Molecular Phylogenetics and Evolution</i> , 2000, 14, 366-374.	1.2	62
64	Reconstructing species phylogeny of the carabid beetles Ohomopterus using multiple nuclear DNA sequences: heterogeneous information content and the performance of simultaneous analyses. <i>Molecular Phylogenetics and Evolution</i> , 2003, 26, 139-154.	1.2	62
65	The phylogeny of Galerucinae (Coleoptera: Chrysomelidae) and the performance of mitochondrial genomes in phylogenetic inference compared to nuclear <scp>rRNA</scp> genes. <i>Cladistics</i> , 2018, 34, 113-130.	1.5	62
66	Sampling Error Does Not Invalidate the Yule-Coalescent Model for Species Delimitation. A Response to Lohse (2009). <i>Systematic Biology</i> , 2009, 58, 442-444.	2.7	59
67	Detection and decay rates of prey and prey symbionts in the gut of a predator through metagenomics. <i>Molecular Ecology Resources</i> , 2015, 15, 880-892.	2.2	59
68	MtDNA phylogeny and biogeography of Copelatinae, a highly diverse group of tropical diving beetles (Dytiscidae). <i>Molecular Phylogenetics and Evolution</i> , 2004, 32, 866-880.	1.2	58
69	Phylogenetics and biogeography of the dung beetle genus Onthophagus inferred from mitochondrial genomes. <i>Molecular Phylogenetics and Evolution</i> , 2016, 105, 86-95.	1.2	58
70	The phylogeny of the Histeroidea (Coleoptera: Staphyliniformia). <i>Cladistics</i> , 2002, 18, 394-415.	1.5	57
71	Towards the phylogeny of chafers (Sericini): Analysis of alignment-variable sequences and the evolution of segment numbers in the antennal club. <i>Molecular Phylogenetics and Evolution</i> , 2008, 47, 783-798.	1.2	57
72	Uncovering Trophic Interactions in Arthropod Predators through DNA Shotgun-Sequencing of Gut Contents. <i>PLoS ONE</i> , 2016, 11, e0161841.	1.1	56

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73	The phylogeny of leaf beetles (Chrysomelidae) inferred from mitochondrial genomes. <i>Systematic Entomology</i> , 2020, 45, 188-204.	1.7	56
74	Metabarcoding of freshwater invertebrates to detect the effects of a pesticide spill. <i>Molecular Ecology</i> , 2018, 27, 146-166.	2.0	54
75	Habitat type as a determinant of species range sizes: the example of lotic-lentic differences in aquatic Coleoptera. <i>Biological Journal of the Linnean Society</i> , 2000, 71, 33-52.	0.7	52
76	Anti-predator defence drives parallel morphological evolution in flea beetles. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2133-2141.	1.2	51
77	The founding charter of the Genomic Observatories Network. <i>GigaScience</i> , 2014, 3, 2.	3.3	51
78	Infrequent and unidirectional colonization of hyperdiverse Papuadytes diving beetles in New Caledonia and New Guinea. <i>Molecular Phylogenetics and Evolution</i> , 2007, 42, 505-516.	1.2	50
79	The limited spatial scale of dispersal in soil arthropods revealed with whole-€community haplotype-€level metabarcoding. <i>Molecular Ecology</i> , 2021, 30, 48-61.	2.0	49
80	A highly modified stygobiont diving beetle of the genus <i>Copelatus</i> (Coleoptera, Dytiscidae): taxonomy and cladistic analysis based on mitochondrial DNA sequences. <i>Systematic Entomology</i> , 2004, 29, 59-67.	1.7	48
81	Phylogeny and historical biogeography of Agabinae diving beetles (Coleoptera) inferred from mitochondrial DNA sequences. <i>Molecular Phylogenetics and Evolution</i> , 2004, 30, 545-562.	1.2	48
82	Evidence of non-neutral polymorphism in <i>Plasmodium falciparum</i> gamete surface protein genes Pfs47 and Pfs48/45. <i>Molecular and Biochemical Parasitology</i> , 2007, 156, 117-123.	0.5	48
83	Ancient associations of aquatic beetles and tank bromeliads in the Neotropical forest canopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6356-6361.	3.3	46
84	Utility of the DNA barcoding gene fragment for parasitic wasp phylogeny (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (Resources, 2012, 12, 676-685.	2.2	46
85	DNA profiling of host-€herbivore interactions in tropical forests. <i>Ecological Entomology</i> , 2010, 35, 18-32.	1.1	45
86	Toward accurate species-€level metabarcoding of arthropod communities from the tropical forest canopy. <i>Ecology and Evolution</i> , 2019, 9, 3105-3116.	0.8	45
87	THE EVOLUTION OF UNISEXUALITY IN CALLIGRAPHA LEAF BEETLES: MOLECULAR AND ECOLOGICAL INSIGHTS ON MULTIPLE ORIGINS VIA INTERSPECIFIC HYBRIDIZATION. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 328-347.	1.1	44
88	Using Exon and Intron Sequences of the Gene <i>Mp20</i> to Resolve Basal Relationships in <i>Cicindela</i> (Coleoptera:Cicindelidae). <i>Systematic Biology</i> , 2004, 53, 554-570.	2.7	43
89	Phylogeny of North American <i>Cicindela</i> Tiger Beetles Inferred from Multiple Mitochondrial DNA Sequences. <i>Molecular Phylogenetics and Evolution</i> , 1997, 8, 225-235.	1.2	42
90	Metabarcoding of fungal communities associated with bark beetles. <i>Ecology and Evolution</i> , 2016, 6, 1590-1600.	0.8	42

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91	Mitochondrial Metagenomics Reveals the Ancient Origin and Phylodiversity of Soil Mites and Provides a Phylogeny of the Acari. <i>Molecular Biology and Evolution</i> , 2020, 37, 683-694.	3.5	42
92	Local environment rather than past climate determines community composition of mountain stream macroinvertebrates across Europe. <i>Molecular Ecology</i> , 2017, 26, 6085-6099.	2.0	41
93	The contribution of mitochondrial metagenomics to large-scale data mining and phylogenetic analysis of Coleoptera. <i>Molecular Phylogenetics and Evolution</i> , 2018, 128, 1-11.	1.2	41
94	Suprageneric systematics of flea beetles (Chrysomelidae: Alticinae) inferred from multilocus sequence data. <i>Molecular Phylogenetics and Evolution</i> , 2012, 62, 793-805.	1.2	40
95	Comparative genomics of the mimicry switch in <i>Papilio dardanus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140465.	1.2	40
96	Rapid assembly of taxonomically validated mitochondrial genomes from historical insect collections. <i>Biological Journal of the Linnean Society</i> , 2016, 117, 83-95.	0.7	40
97	Complementation of a truncated membrane-bound enzyme II _{Nag} from <i>Klebsiella pneumoniae</i> with a soluble enzyme III in <i>Escherichia coli</i> K12. <i>Molecular Genetics and Genomics</i> , 1988, 213, 175-178.	2.4	39
98	The Origin of Multiple Sex Chromosomes in Tiger Beetles. <i>Molecular Biology and Evolution</i> , 2002, 19, 1792-1796.	3.5	37
99	Local and regional ecological morphology of dung beetle assemblages across four biogeographic regions. <i>Journal of Biogeography</i> , 2011, 38, 1668-1682.	1.4	37
100	Size, frequency, and phylogenetic signal of multiple-residue indels in sequence alignment of introns. <i>Cladistics</i> , 2006, 22, 144-156.	1.5	36
101	Deep mtDNA subdivision within Linnean species in an endemic radiation of tiger beetles from New Zealand (genus <i>Neocicindela</i>). <i>Molecular Phylogenetics and Evolution</i> , 2011, 59, 251-262.	1.2	36
102	The phylogeny of monkey beetles based on mitochondrial and ribosomal RNA genes (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	36
103	Colour pattern specification in the Mocker swallowtail <i>Papilio dardanus</i> : the transcription factor invected is a candidate for the mimicry locus H. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1181-1188.	1.2	35
104	Multi-à hierarchical macroecology at species and genetic levels to discern neutral and non-à neutral processes. <i>Global Ecology and Biogeography</i> , 2015, 24, 873-882.	2.7	35
105	Complex selection on life-history traits and the maintenance of variation in exaggerated rostrum length in acorn weevils. <i>Oecologia</i> , 2011, 167, 1053-1061.	0.9	34
106	Ribosomal protein genes of holometabolan insects reject the Halteria, instead revealing a close affinity of Strepsiptera with Coleoptera. <i>Molecular Phylogenetics and Evolution</i> , 2010, 55, 846-859.	1.2	33
107	Molecular systematics of Eumolpinae and the relationships with Spilopyrinae (Coleoptera,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.2	32
108	THE UTILITY OF MOLECULAR MARKERS FROM NON-LETHAL DNA SAMPLES OF THE CITES II PROTECTED àœTARANTULAàœBRACHYPELMA VAGANS (ARANEAE, THERAPHOSIDAE). <i>Journal of Arachnology</i> , 2007, 35, 278-292.	0.3	32

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109	Systematic placement of the recently discovered beetle family Meruidae (Coleoptera: Dytiscoidea) based on molecular data. <i>Zoologica Scripta</i> , 2008, 37, 647-650.	0.7	32
110	Metagenome Skimming of Insect Specimen Pools: Potential for Comparative Genomics. <i>Genome Biology and Evolution</i> , 2015, 7, 1474-1489.	1.1	32
111	Re-evaluating conservation priorities of New World tarantulas (Araneae: Theraphosidae) in a molecular framework indicates non-monophyly of the genera, <i>Aphonopelma</i> and <i>Brachypelma</i> . <i>Systematics and Biodiversity</i> , 2018, 16, 89-107.	0.5	32
112	Validated removal of nuclear pseudogenes and sequencing artefacts from mitochondrial metabarcode data. <i>Molecular Ecology Resources</i> , 2021, 21, 1772-1787.	2.2	32
113	Imprints of multiple glacial refugia in the Pyrenees revealed by phylogeography and palaeodistribution modelling of an endemic spider. <i>Molecular Ecology</i> , 2016, 25, 2046-2064.	2.0	31
114	Genome sequencing of <i>Rhinorhipus</i> Lawrence exposes an early branch of the Coleoptera. <i>Frontiers in Zoology</i> , 2018, 15, 21.	0.9	30
115	A validated workflow for rapid taxonomic assignment and monitoring of a national fauna of bees (Apiformes) using high throughput DNA barcoding. <i>Molecular Ecology Resources</i> , 2020, 20, 40-53.	2.2	30
116	Gene expression in the gut of keratin-feeding clothes moths (<i>Tineola</i>) and keratin beetles (<i>Trox</i>) revealed by subtracted cDNA libraries. <i>Insect Biochemistry and Molecular Biology</i> , 2006, 36, 584-592.	1.2	29
117	DNA-based taxonomy of larval stages reveals huge unknown species diversity in neotropical seed weevils (genus <i>Conotrachelus</i>): relevance to evolutionary ecology. <i>Molecular Phylogenetics and Evolution</i> , 2010, 56, 281-293.	1.2	29
118	Species richness: Does flower power explain beetle-mania?. <i>Current Biology</i> , 1998, 8, R843-R845.	1.8	27
119	DNA taxonomy and phylogeography of beetles of the Falkland Islands (Islas Malvinas). <i>Molecular Phylogenetics and Evolution</i> , 2009, 53, 935-947.	1.2	27
120	DNA barcoding of endoparasitoid wasps in the genus <i>Anicetus</i> reveals high levels of host specificity (Hymenoptera: Encyrtidae). <i>Biological Control</i> , 2011, 58, 182-191.	1.4	26
121	Speciation: Don't Fly and Diversify?. <i>Current Biology</i> , 2012, 22, R284-R286.	1.8	26
122	Long-term isolation and endemism of Neotropical aquatic insects limit the community responses to recent amphibian decline. <i>Diversity and Distributions</i> , 2015, 21, 938-949.	1.9	26
123	Connecting high-throughput biodiversity inventories: Opportunities for a site-based genomic framework for global integration and synthesis. <i>Molecular Ecology</i> , 2021, 30, 1120-1135.	2.0	26
124	Exploring Rate Variation Among and Within Sites in a Densely Sampled Tree: Species Level Phylogenetics of North American Tiger Beetles (Genus <i>Cicindela</i>). <i>Systematic Biology</i> , 2005, 54, 4-20.	2.7	25
125	A protocol for large-scale rRNA sequence analysis: Towards a detailed phylogeny of Coleoptera. <i>Molecular Phylogenetics and Evolution</i> , 2008, 47, 289-301.	1.2	25
126	Ecology has contrasting effects on genetic variation within species versus rates of molecular evolution across species in water beetles. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142476.	1.2	25

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127	Gondwanian relicts and oceanic dispersal in a cosmopolitan radiation of euedaphic ground beetles. <i>Molecular Phylogenetics and Evolution</i> , 2016, 99, 235-246.	1.2	25
128	Arcticâ€”Alpine Distributionsâ€”Metapopulations on a Continental Scale?. <i>American Naturalist</i> , 2009, 173, 313-326.	1.0	24
129	Comparison of the sequences of the nagE operons from <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> K12: Enhanced variability of the enzyme N-acetylglucosamine in regions connecting functional domains. <i>Molecular Genetics and Genomics</i> , 1991, 230, 270-276.	2.4	23
130	Molecular Phylogeny of the <i>Cicindela maritima</i> (Coleoptera: Cicindelidae) Group Indicates Fast Radiation in Western North America. <i>Annals of the Entomological Society of America</i> , 1998, 91, 185-194.	1.3	22
131	Coming of age for COI metabarcoding of whole organism community DNA: Towards bioinformatic harmonisation. <i>Molecular Ecology Resources</i> , 2022, 22, 847-861.	2.2	22
132	Aposematism and mimicry in soft-bodied beetles of the superfamily <i>Cleroidae</i> (Coleoptera: Cleroidea). <i>Zoologica Scripta</i> , 2016, 45, 9-21.	0.7	21
133	Ecological constraints from incumbent clades drive trait evolution across the tree of life of freshwater macroinvertebrates. <i>Ecography</i> , 2018, 41, 1049-1063.	2.1	21
134	Beta diversity at multiple hierarchical levels: explaining the high diversity of scarab beetles in tropical montane forests. <i>Journal of Biogeography</i> , 2013, 40, 2134-2145.	1.4	18
135	Higher alpha and beta diversity at species and genetic levels in headwaters than in mid-order streams in <i>Hydropsyche</i> (Trichoptera). <i>Freshwater Biology</i> , 2013, 58, 2226-2236.	1.2	17
136	Speciation below ground: Tempo and mode of diversification in a radiation of endogean ground beetles. <i>Molecular Ecology</i> , 2017, 26, 6053-6070.	2.0	17
137	Predicting the unpredictable: How host specific is the mycobiota of bark and ambrosia beetles?. <i>Fungal Ecology</i> , 2019, 42, 100854.	0.7	17
138	Shotgun mitogenomics across body size classes in a local assemblage of tropical Diptera: Phylogeny, species diversity and mitochondrial abundance spectrum. <i>Molecular Ecology</i> , 2017, 26, 5086-5098.	2.0	17
139	The mitochondrial genome of <i>Iberobaenia</i> (Coleoptera: Iberobaeniidae): first rearrangement of protein-coding genes in the beetles. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2017, 28, 156-158.	0.7	16
140	<i>Terra incognita</i> of soil biodiversity: unseen invasions under our feet. <i>Molecular Ecology</i> , 2017, 26, 3087-3089.	2.0	16
141	Mimicry diversification in <i>Papilio dardanus</i> via a genomic inversion in the regulatory region of <i>engrailed</i> â€” <i>invected</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200443.	1.2	15
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