

Alfried P Vogler

List of Publications by Year in descending order

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Version: 2024-02-01

176
papers

15,662
citations

20817

60
h-index

19749

117
g-index

183
all docs

183
docs citations

183
times ranked

13633
citing authors

#	ARTICLE	IF	CITATIONS
1	Community metabarcoding reveals the relative role of environmental filtering and spatial processes in metacommunity dynamics of soil microarthropods across a mosaic of montane forests. <i>Molecular Ecology</i> , 2023, 32, 6110-6128.	3.9	15
2	Coming of age for COI metabarcoding of whole organism community DNA: Towards bioinformatic harmonisation. <i>Molecular Ecology Resources</i> , 2022, 22, 847-861.	4.8	22
3	Metabarcoding reveals massive species diversity of Diptera in a subtropical ecosystem. <i>Ecology and Evolution</i> , 2022, 12, e8535.	1.9	12
4	Joint analysis of species and genetic variation to quantify the role of dispersal and environmental constraints in community turnover. <i>Ecography</i> , 2022, 2022, .	4.5	9
5	Metabarcoding of insect-associated fungal communities: a comparison of internal transcribed spacer (ITS) and large-subunit (LSU) rRNA markers. <i>MycKeys</i> , 2022, 88, 1-33.	1.9	6
6	Genome-wide assessment of environmental degradation in an unknown fauna: The freshwater macroinvertebrates of the Indo-Burmese hotspot. <i>Journal of Applied Ecology</i> , 2022, 59, 1644-1658.	4.0	2
7	The SITE-100 Project: Site-Based Biodiversity Genomics for Species Discovery, Community Ecology, and a Global Tree-of-Life. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	2.2	6
8	Community assembly and metaphylogeography of soil biodiversity: Insights from haplotype-level community DNA metabarcoding within an oceanic island. <i>Molecular Ecology</i> , 2022, 31, 4078-4094.	3.9	9
9	Unveiling biogeographical patterns in the worldwide distributed <i>Ceratitis capitata</i> (medfly) using population genomics and microbiome composition. <i>Molecular Ecology</i> , 2022, 31, 4866-4883.	3.9	4
10	The limited spatial scale of dispersal in soil arthropods revealed with whole-community haplotype-level metabarcoding. <i>Molecular Ecology</i> , 2021, 30, 48-61.	3.9	49
11	Higher-level phylogeny of longhorn beetles (Coleoptera: Chrysomeloidea) inferred from mitochondrial genomes. <i>Systematic Entomology</i> , 2021, 46, 56-70.	3.9	65
12	Demographic History and Genomic Response to Environmental Changes in a Rapid Radiation of Wild Rats. <i>Molecular Biology and Evolution</i> , 2021, 38, 1905-1923.	8.9	7
13	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.	3.9	26
14	Validated removal of nuclear pseudogenes and sequencing artefacts from mitochondrial metabarcoding data. <i>Molecular Ecology Resources</i> , 2021, 21, 1772-1787.	4.8	32
15	The diversity of soil mesofauna declines after bamboo invasion in subtropical China. <i>Science of the Total Environment</i> , 2021, 789, 147982.	8.0	14
16	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.	4.8	30
17	Vulnerability to climate change for two endemic high-elevation, low-dispersive <i>Annitella</i> species (Trichoptera) in Sierra Nevada, the southernmost high mountain in Europe. <i>Insect Conservation and Diversity</i> , 2020, 13, 283-295.	3.0	13
18	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.	8.9	42

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19	The phylogeny of leaf beetles (Chrysomelidae) inferred from mitochondrial genomes. <i>Systematic Entomology</i> , 2020, 45, 188-204.	3.9	56
20	Mimicry diversification in <i>Papilio dardanus</i> via a genomic inversion in the regulatory region of <i>engrailed</i> – <i>invected</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200443.	2.6	15
21	New mitochondrial genomes of 39 soil dwelling Coleoptera from metagenome sequencing. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 2447-2450.	0.4	4
22	Diversification of mitogenomes in three sympatric <i>Altica</i> flea beetles (Insecta, Chrysomelidae). <i>Zoologica Scripta</i> , 2019, 48, 657-666.	1.7	11
23	Predicting the unpredictable: How host specific is the mycobiota of bark and ambrosia beetles?. <i>Fungal Ecology</i> , 2019, 42, 100854.	1.6	17
24	Incorporating older literature into genomic studies: A response to Zunino & Halffter. <i>Molecular Phylogenetics and Evolution</i> , 2019, 133, 164-165.	2.7	0
25	Toward accurate species-level metabarcoding of arthropod communities from the tropical forest canopy. <i>Ecology and Evolution</i> , 2019, 9, 3105-3116.	1.9	45
26	Mitochondrial phylogenomics of the Hymenoptera. <i>Molecular Phylogenetics and Evolution</i> , 2019, 131, 8-18.	2.7	104
27	Coalescence Models Reveal the Rise of the White-Bellied Rat (<i>Niviventer confucianus</i>) Following the Loss of Asian Megafauna. <i>Journal of Mammalian Evolution</i> , 2019, 26, 423-434.	1.8	9
28	Implementation options for DNA-based identification into ecological status assessment under the European Water Framework Directive. <i>Water Research</i> , 2018, 138, 192-205.	11.3	275
29	The phylogeny of Galerucinae (Coleoptera: Chrysomelidae) and the performance of mitochondrial genomes in phylogenetic inference compared to nuclear <i>scp</i> rRNA <i>scp</i> genes. <i>Cladistics</i> , 2018, 34, 113-130.	3.3	62
30	Ecological constraints from incumbent clades drive trait evolution across the tree-of-life of freshwater macroinvertebrates. <i>Ecography</i> , 2018, 41, 1049-1063.	4.5	21
31	Metabarcoding of freshwater invertebrates to detect the effects of a pesticide spill. <i>Molecular Ecology</i> , 2018, 27, 146-166.	3.9	54
32	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.	1.2	32
33	Host specificity of parasitoids (Encyrtidae) toward armored scale insects (Diaspididae): Untangling the effect of cryptic species on quantitative food webs. <i>Ecology and Evolution</i> , 2018, 8, 7879-7893.	1.9	10
34	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.	2.7	41
35	Statistical Evaluation of Monophyly in the "Broad-Nosed Weevils"™ through Molecular Phylogenetic Analysis Combining Mitochondrial Genome and Single-Locus Sequences (Curculionidae: Entiminae). <i>Tj ETQq1 1 0.78#314 rgBT /Overl</i>		
36	Genome sequencing of <i>Rhinorhipus Lawrence</i> exposes an early branch of the Coleoptera. <i>Frontiers in Zoology</i> , 2018, 15, 21.	2.0	30

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37	Why the COI barcode should be the community <sc>DNA</sc> metabarcode for the metazoa. <i>Molecular Ecology</i> , 2018, 27, 3968-3975.	3.9	131
38	Population genetics and migration pathways of the Mediterranean fruit fly<i>Ceratitis capitata</i> inferred with coalescent methods. <i>PeerJ</i> , 2018, 6, e5340.	2.0	6
39	The mitochondrial genome of Iberobaenia (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
40	Evolution: Taking the Sting out of Wasp Phylogenetics. <i>Current Biology</i> , 2017, 27, R358-R360.	3.9	4
41	The mitogenome phylogeny of Adepaga (Coleoptera). <i>Molecular Phylogenetics and Evolution</i> , 2017, 114, 166-174.	2.7	70
42	Connecting Earth observation to high-throughput biodiversity data. <i>Nature Ecology and Evolution</i> , 2017, 1, 176.	7.8	156
43	<i>Terra incognita</i> of soil biodiversity: unseen invasions under our feet. <i>Molecular Ecology</i> , 2017, 26, 3087-3089.	3.9	16
44	Speciation below ground: Tempo and mode of diversification in a radiation of endogean ground beetles. <i>Molecular Ecology</i> , 2017, 26, 6053-6070.	3.9	17
45	Local environment rather than past climate determines community composition of mountain stream macroinvertebrates across Europe. <i>Molecular Ecology</i> , 2017, 26, 6085-6099.	3.9	41
46	Intraspecific genetic variation in complex assemblages from mitochondrial metagenomics: comparison with DNA barcodes. <i>Methods in Ecology and Evolution</i> , 2017, 8, 248-256.	5.2	11
47	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.	3.9	17
48	Uncovering Trophic Interactions in Arthropod Predators through DNA Shotgun-Sequencing of Gut Contents. <i>PLoS ONE</i> , 2016, 11, e0161841.	2.5	56
49	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.	3.9	31
50	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.	5.2	75
51	Gondwanian relicts and oceanic dispersal in a cosmopolitan radiation of euedaphic ground beetles. <i>Molecular Phylogenetics and Evolution</i> , 2016, 99, 235-246.	2.7	25
52	Metabarcoding of fungal communities associated with bark beetles. <i>Ecology and Evolution</i> , 2016, 6, 1590-1600.	1.9	42
53	Protecting an Ecosystem Service. <i>Advances in Ecological Research</i> , 2016, 54, 135-206.	2.7	115
54	Aposematism and mimicry in soft-bodied beetles of the superfamily <sc>C</sc>leroidea (<sc>I</sc>nsecta). <i>Zoologica Scripta</i> , 2016, 45, 9-21.	1.7	21

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55	Rapid assembly of taxonomically validated mitochondrial genomes from historical insect collections. <i>Biological Journal of the Linnean Society</i> , 2016, 117, 83-95.	1.6	40
56	Phylogenetics and biogeography of the dung beetle genus <i>Onthophagus</i> inferred from mitochondrial genomes. <i>Molecular Phylogenetics and Evolution</i> , 2016, 105, 86-95.	2.7	58
57	Family-Level Sampling of Mitochondrial Genomes in Coleoptera: Compositional Heterogeneity and Phylogenetics. <i>Genome Biology and Evolution</i> , 2016, 8, 161-175.	2.5	157
58	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.	2.5	154
59	Fecal metagenomics for the simultaneous assessment of diet, parasites, and population genetics of an understudied primate. <i>Frontiers in Zoology</i> , 2016, 13, 17.	2.0	79
60	Mitochondrial metagenomics: letting the genes out of the bottle. <i>GigaScience</i> , 2016, 5, 15.	6.4	103
61	Rarity and Incomplete Sampling in DNA-Based Species Delimitation. <i>Systematic Biology</i> , 2016, 65, 478-494.	5.6	138
62	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.	4.1	26
63	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.	8.9	163
64	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.	4.8	59
65	Phylogenetic community ecology of soil biodiversity using mitochondrial metagenomics. <i>Molecular Ecology</i> , 2015, 24, 3603-3617.	3.9	93
66	Multi-scale hierarchical macroecology at species and genetic levels to discern neutral and non-neutral processes. <i>Global Ecology and Biogeography</i> , 2015, 24, 873-882.	5.8	35
67	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.	5.2	86
68	Metagenome Skimming of Insect Specimen Pools: Potential for Comparative Genomics. <i>Genome Biology and Evolution</i> , 2015, 7, 1474-1489.	2.5	32
69	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.	2.6	25
70	Comparing the effectiveness of metagenomics and metabarcoding for diet analysis of a leaf-feeding monkey (<i>Presbytis nemaeus</i>). <i>Molecular Ecology Resources</i> , 2015, 15, 250-261.	4.8	119
71	The founding charter of the Genomic Observatories Network. <i>GigaScience</i> , 2014, 3, 2.	6.4	51
72	Detection of the Acetylcholinesterase Insecticide Resistance Mutation (G328A) in Natural Populations of <i>Ceratitis capitata</i> . <i>Journal of Economic Entomology</i> , 2014, 107, 1965-1968.	1.8	12

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73	The towering orogeny of New Guinea as a trigger for arthropod megadiversity. <i>Nature Communications</i> , 2014, 5, 4001.	12.8	152
74	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.	8.9	195
75	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.	3.9	195
76	Comparative genomics of the mimicry switch in <i>Papilio dardanus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140465.	2.6	40
77	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.	2.6	131
78	Distribution and habitat preferences of tiger beetles (Coleoptera: Cicindelidae) of the riverine ecosystems of Sri Lanka. <i>Journal of Threatened Taxa</i> , 2014, 6, 6195-6203.	0.3	6
79	Higher α - and β -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.	2.4	17
80	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.	2.7	69
81	Whole-community DNA barcoding reveals a spatio-temporal continuum of biodiversity at species and genetic levels. <i>Nature Communications</i> , 2013, 4, 1892.	12.8	71
82	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.	3.0	18
83	Resolving Ambiguity of Species Limits and Concatenation in Multilocus Sequence Data for the Construction of Phylogenetic Supermatrices. <i>Systematic Biology</i> , 2013, 62, 456-466.	5.6	10
84	Rare Failures of DNA Bar Codes to Separate Morphologically Distinct Species in a Biodiversity Survey of Iberian Leaf Beetles. <i>PLoS ONE</i> , 2013, 8, e74854.	2.5	8
85	The Effect of Geographical Scale of Sampling on DNA Barcoding. <i>Systematic Biology</i> , 2012, 61, 851-869.	5.6	386
86	Suprageneric systematics of flea beetles (Chrysomelidae: Alticinae) inferred from multilocus sequence data. <i>Molecular Phylogenetics and Evolution</i> , 2012, 62, 793-805.	2.7	40
87	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.	2.7	100
88	Distinct species or colour polymorphism? Life history, morphology and sequence data separate two <i>Pyrrhalta</i> beetles (Coleoptera: Chrysomelidae). <i>Systematics and Biodiversity</i> , 2012, 10, 133-146.	1.2	12
89	Speciation: Don't Fly and Diversify?. <i>Current Biology</i> , 2012, 22, R284-R286.	3.9	26
90	Phylogenetic and ecological structure of Mediterranean caddisfly communities at various spatio-temporal scales. <i>Journal of Biogeography</i> , 2012, 39, 1621-1632.	3.0	13

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91	Utility of the DNA barcoding gene fragment for parasitic wasp phylogeny (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Resources, 2012, 12, 676-685.	4.8	46
92	Testing the Speciesâ€“Genetic Diversity Correlation in the Aegean Archipelago: Toward a Haplotype-Based Macroecology?. American Naturalist, 2011, 178, 241-255.	2.1	86
93	Local and regional ecological morphology of dung beetle assemblages across four biogeographic regions. Journal of Biogeography, 2011, 38, 1668-1682.	3.0	37
94	Deep mtDNA subdivision within Linnean species in an endemic radiation of tiger beetles from New Zealand (genus Neocicindela). Molecular Phylogenetics and Evolution, 2011, 59, 251-262.	2.7	36
95	DNA barcoding of endoparasitoid wasps in the genus Anicetus reveals high levels of host specificity (Hymenoptera: Encyrtidae). Biological Control, 2011, 58, 182-191.	3.0	26
96	Complex selection on life-history traits and the maintenance of variation in exaggerated rostrum length in acorn weevils. Oecologia, 2011, 167, 1053-1061.	2.0	34
97	The phylogeny of monkey beetles based on mitochondrial and ribosomal RNA genes (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 2.7 36	2.7	36
98	Anti-predator defence drives parallel morphological evolution in flea beetles. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 2133-2141.	2.6	51
99	DNA profiling of hostâ€“herbivore interactions in tropical forests. Ecological Entomology, 2010, 35, 18-32.	2.2	45
100	DNA-based taxonomy of larval stages reveals huge unknown species diversity in neotropical seed weevils (genus Conotrachelus): relevance to evolutionary ecology. Molecular Phylogenetics and Evolution, 2010, 56, 281-293.	2.7	29
101	Ribosomal protein genes of holometabolan insects reject the Halteria, instead revealing a close affinity of Strepsiptera with Coleoptera. Molecular Phylogenetics and Evolution, 2010, 55, 846-859.	2.7	33
102	Revisiting the Insect Mitochondrial Molecular Clock: The Mid-Aegean Trench Calibration. Molecular Biology and Evolution, 2010, 27, 1659-1672.	8.9	729
103	DNA barcoding insectâ€“host plant associations. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 639-648.	2.6	174
104	New Guinea highland origin of a widespread arthropod supertramp. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 2359-2367.	2.6	78
105	Comparative phylogeography of tenebrionid beetles in the Aegean archipelago: the effect of dispersal ability and habitat preference. Molecular Ecology, 2009, 18, 2503-2517.	3.9	119
106	A phylogenetic framework for wing pattern evolution in the mimetic Mocker Swallowtail <i>Papilio dardanus</i>. Molecular Ecology, 2009, 18, 3872-3884.	3.9	12
107	DNA taxonomy and phylogeography of beetles of the Falkland Islands (Islas Malvinas). Molecular Phylogenetics and Evolution, 2009, 53, 935-947.	2.7	27
108	Sampling Error Does Not Invalidate the Yule-Coalescent Model for Species Delimitation. A Response to Lohse (2009). Systematic Biology, 2009, 58, 442-444.	5.6	59

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109	Accelerated Species Inventory on Madagascar Using Coalescent-Based Models of Species Delineation. <i>Systematic Biology</i> , 2009, 58, 298-311.	5.6	641
110	Arcticâ€”Alpine Distributionsâ€”Metapopulations on a Continental Scale?. <i>American Naturalist</i> , 2009, 173, 313-326.	2.1	24
111	A protocol for large-scale rRNA sequence analysis: Towards a detailed phylogeny of Coleoptera. <i>Molecular Phylogenetics and Evolution</i> , 2008, 47, 289-301.	2.7	25
112	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.	2.7	57
113	Multilocus ribosomal RNA phylogeny of the leaf beetles (Chrysomelidae). <i>Cladistics</i> , 2008, 24, 34-50.	3.3	69
114	Phylogeny and diversification of diving beetles (Coleoptera: Dytiscidae). <i>Cladistics</i> , 2008, 24, 563-590.	3.3	84
115	Systematic placement of the recently discovered beetle family Meruidae (Coleoptera: Dytiscoidea) based on molecular data. <i>Zoologica Scripta</i> , 2008, 37, 647-650.	1.7	32
116	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.	4.0	104
117	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.	2.6	87
118	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.	7.1	46
119	Colour pattern specification in the Mocker swallowtail <i>Papilio dardanus</i> : the transcription factor <i>invected</i> is a candidate for the mimicry locus <i>H</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1181-1188.	2.6	35
120	A New Subspecies of <i>Cicindela limbata</i> (Coleoptera: Cicindelidae) from Alaska, and Further Review of the <i>maritima</i> group by Using Mitochondrial DNA Analysis. <i>Annals of the Entomological Society of America</i> , 2008, 101, 277-288.	2.5	6
121	THE UTILITY OF MOLECULAR MARKERS FROM NON-LETHAL DNA SAMPLES OF THE CITES II PROTECTED â€œTARANTULAâ€”BRACHYPELMA VAGANS (ARANEAE, THERAPHOSIDAE). <i>Journal of Arachnology</i> , 2007, 35, 278-292.	0.5	32
122	A Comprehensive Phylogeny of Beetles Reveals the Evolutionary Origins of a Superradiation. <i>Science</i> , 2007, 318, 1913-1916.	12.6	729
123	Investigation of hormone activity in butterfly imaginal wing discs by protein expression pattern changes. <i>Electrophoresis</i> , 2007, 28, 535-544.	2.4	3
124	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.	2.7	50
125	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.	2.7	137
126	A comprehensive phylogenetic analysis of termites (Isoptera) illuminates key aspects of their evolutionary biology. <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 953-967.	2.7	341

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127	A molecular phylogenetic analysis of the Scarabaeinae (dung beetles). <i>Molecular Phylogenetics and Evolution</i> , 2007, 45, 674-692.	2.7	121
128	The nematode?arthropod clade revisited: phylogenomic analyses from ribosomal protein genes misled by shared evolutionary biases. <i>Cladistics</i> , 2007, 23, 130-144.	3.3	12
129	Molecular phylogenetics of Elateriformia (Coleoptera): evolution of bioluminescence and neoteny. <i>Cladistics</i> , 2007, 23, 477-496.	3.3	134
130	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.	1.1	48
131	Recalibrated Tree of Leaf Beetles (Chrysomelidae) Indicates Independent Diversification of Angiosperms and Their Insect Herbivores. <i>PLoS ONE</i> , 2007, 2, e360.	2.5	124
132	Sequence-Based Species Delimitation for the DNA Taxonomy of Undescribed Insects. <i>Systematic Biology</i> , 2006, 55, 595-609.	5.6	2,257
133	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.	2.7	29
134	Size, frequency, and phylogenetic signal of multiple-residue indels in sequence alignment of introns. <i>Cladistics</i> , 2006, 22, 144-156.	3.3	36
135	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.	2.3	44
136	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.	2.6	87
137	Dense Taxonomic EST Sampling and Its Applications for Molecular Systematics of the Coleoptera (Beetles). <i>Molecular Biology and Evolution</i> , 2006, 23, 268-278.	8.9	86
138	On the constitution and phylogeny of Staphyliniformia (Insecta: Coleoptera). <i>Molecular Phylogenetics and Evolution</i> , 2005, 34, 655-672.	2.7	67
139	Molecular systematics of Eumolpinae and the relationships with Spilopyrinae (Coleoptera,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	2.7	32
140	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.	5.6	25
141	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.	2.6	83
142	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.	8.9	69
143	Diagnosing an Overlooked North American Taxon: Biological Observations and Mitochondrial Insights on <i>Calligrapha suturella</i> Schaeffer, New Status (Coleoptera, Chrysomelidae). <i>Annals of the Entomological Society of America</i> , 2004, 97, 28-36.	2.5	10
144	Using Exon and Intron Sequences of the Gene Mp20 to Resolve Basal Relationships in <i>Cicindela</i> (Coleoptera:Cicindelidae). <i>Systematic Biology</i> , 2004, 53, 554-570.	5.6	43

#	ARTICLE	IF	CITATIONS
145	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.	3.9	48
146	Phylogeny and historical biogeography of Agabinae diving beetles (Coleoptera) inferred from mitochondrial DNA sequences. <i>Molecular Phylogenetics and Evolution</i> , 2004, 30, 545-562.	2.7	48
147	Speciation of Iberian diving beetles in Pleistocene refugia (Coleoptera, Dytiscidae). <i>Molecular Ecology</i> , 2004, 13, 179-193.	3.9	131
148	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.	2.7	58
149	Reconstructing species phylogeny of the carabid beetles <i>Ohomopterus</i> using multiple nuclear DNA sequences: heterogeneous information content and the performance of simultaneous analyses. <i>Molecular Phylogenetics and Evolution</i> , 2003, 26, 139-154.	2.7	62
150	Does habitat use explain large scale species richness patterns of aquatic beetles in Europe?. <i>Ecography</i> , 2003, 26, 145-152.	4.5	104
151	A plea for DNA taxonomy. <i>Trends in Ecology and Evolution</i> , 2003, 18, 70-74.	8.7	781
152	The Origin of Multiple Sex Chromosomes in Tiger Beetles. <i>Molecular Biology and Evolution</i> , 2002, 19, 1792-1796.	8.9	37
153	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.	8.9	121
154	Phylogeny of Hydradephagan Water Beetles Inferred from 18S rRNA Sequences. <i>Molecular Phylogenetics and Evolution</i> , 2002, 23, 43-62.	2.7	72
155	Basal relationships of Coleoptera inferred from 18S rDNA sequences. <i>Zoologica Scripta</i> , 2002, 31, 41-49.	1.7	68
156	The phylogeny of the Histeroidea (Coleoptera: Staphyliniformia). <i>Cladistics</i> , 2002, 18, 394-415.	3.3	57
157	The phylogeny of the Histeroidea (Coleoptera: Staphyliniformia). <i>Cladistics</i> , 2002, 18, 394-415.	3.3	3
158	Sequence Alignment of 18S Ribosomal RNA and the Basal Relationships of Adepagan Beetles: Evidence for Monophyly of Aquatic Families and the Placement of Trachypachidae. <i>Systematic Biology</i> , 2001, 50, 945-969.	5.6	150
159	Exploring Data Interaction and Nucleotide Alignment in a Multiple Gene Analysis of <i>Ips</i> (Coleoptera:) Tj ETQq1 1 0.784314 rgBT ₁₄₁ /Over	5.6	141
160	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.	2.7	62
161	Conservation Genetics at the Species Boundary. <i>Conservation Biology</i> , 2000, 14, 120-131.	4.7	168
162	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.	1.6	52

#	ARTICLE	IF	CITATIONS
163	Species richness: Does flower power explain beetle-mania?. <i>Current Biology</i> , 1998, 8, R843-R845.	3.9	27
164	Revealing the factors that promote speciation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1998, 353, 241-249.	4.0	182
165	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.	2.5	22
166	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.	2.7	42
167	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.	2.7	64
168	Diagnosing Units of Conservation Management. <i>Conservation Biology</i> , 1994, 8, 354-363.	4.7	333
169	Molecular Population Genetics of the Endangered Tiger Beetle <i>Cicindela dorsalis</i> (Coleoptera: Cicindelidae). <i>Molecular Ecology</i> , 2001, 10, 107-116.	2.5	120
170	Comparison of the sequences of the nagE operons from <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> K12: Enhanced variability of the enzyme II ^N -acetylglucosamine in regions connecting functional domains. <i>Molecular Genetics and Genomics</i> , 1991, 230, 270-276.	2.4	23
171	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
172	Complementation of a truncated membrane-bound enzyme II ^N 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
173	Selection of auxotrophic and carbohydrate-negative mutants in penicillin-resistant <i>Klebsiella pneumoniae</i> by nalidixic acid treatment. <i>FEMS Microbiology Letters</i> , 1986, 37, 299-304.	1.8	6
174	Metabarcoding to establish freshwater indicators of environmental degradation in the Indo-Burmese biodiversity hotspot. <i>ARPHA Conference Abstracts</i> , 0, 4, .	0.0	1
175	Mitogenomic data elucidate the phylogeny and evolution of life strategies in Dermestidae (Coleoptera). <i>Systematic Entomology</i> , 0, , .	3.9	14
176	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