

# Rudolf Meier

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

158 papers	10,799 citations	45 h-index	102 g-index
177 ext. papers	12,893 ext. citations	4.7 avg, IF	6.36 L-index

#	Paper	IF	Citations
158	Cryptic species as a window on diversity and conservation. <i>Trends in Ecology and Evolution</i> , <b>2007</b> , 22, 148-55	10.9	2158
157	SequenceMatrix: concatenation software for the fast assembly of multi-gene datasets with character set and codon information. <i>Cladistics</i> , <b>2011</b> , 27, 171-180	3.5	1157
156	DNA barcoding and taxonomy in Diptera: a tale of high intraspecific variability and low identification success. <i>Systematic Biology</i> , <b>2006</b> , 55, 715-28	8.4	961
155	Episodic radiations in the fly tree of life. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 5690-5	11.5	549
154	Evolutionary History of the Hymenoptera. <i>Current Biology</i> , <b>2017</b> , 27, 1013-1018	6.3	372
153	The use of mean instead of smallest interspecific distances exaggerates the size of the "barcoding gap" and leads to misidentification. <i>Systematic Biology</i> , <b>2008</b> , 57, 809-13	8.4	361
152	On the inappropriate use of Kimura-2-parameter (K2P) divergences in the DNA-barcoding literature. <i>Cladistics</i> , <b>2012</b> , 28, 190-194	3.5	243
151	Slow mitochondrial COI sequence evolution at the base of the metazoan tree and its implications for DNA barcoding. <i>Journal of Molecular Evolution</i> , <b>2008</b> , 66, 167-74	3.1	226
150	Sepsid even-skipped enhancers are functionally conserved in Drosophila despite lack of sequence conservation. <i>PLoS Genetics</i> , <b>2008</b> , 4, e1000106	6	221
149	Proximate causes of Rensch's rule: does sexual size dimorphism in arthropods result from sex differences in development time?. <i>American Naturalist</i> , <b>2007</b> , 169, 245-57	3.7	192
148	Determining species boundaries in a world full of rarity: singletons, species delimitation methods. <i>Systematic Biology</i> , <b>2012</b> , 61, 165-9	8.4	169
147	A phylogenetic analysis of the fungus-growing ants (Hymenoptera: Formicidae: Attini) based on morphological characters of the larvae. <i>Systematic Entomology</i> , <b>1995</b> , 20, 337-370	3.4	131
146	Molecular phylogeny of the Calyptratae (Diptera: Cyclorrhapha) with an emphasis on the superfamily Oestroidea and the position of Mystacinobiidae and McAlpine's fly. <i>Systematic Entomology</i> , <b>2010</b> , 35, 614-635	3.4	116
145	Ovoviviparity and viviparity in the Diptera. <i>Biological Reviews</i> , <b>1999</b> , 74, 199-258	13.5	107
144	Barcoding and border biosecurity: identifying cyprinid fishes in the aquarium trade. <i>PLoS ONE</i> , <b>2012</b> , 7, e28381	3.7	104
143	The phylogeny and evolution of host choice in the Hippoboscoidea (Diptera) as reconstructed using four molecular markers. <i>Molecular Phylogenetics and Evolution</i> , <b>2007</b> , 45, 111-22	4.1	103
142	Morphological and molecular evidence converge upon a robust phylogeny of the megadiverse Holometabola. <i>Cladistics</i> , <b>2011</b> , 27, 341-355	3.5	101

141	Cryptic genetic diversity in widespread Southeast Asian bird species suggests that Philippine avian endemism is gravely underestimated. <i>Biological Conservation</i> , <b>2010</b> , 143, 1885-1890	6.2	100
140	Phylogeny of fungus-growing ants (Tribe Attini) based on mtDNA sequence and morphology. <i>Molecular Phylogenetics and Evolution</i> , <b>1998</b> , 9, 42-7	4.1	91
139	\$1 DNA barcodes for reconstructing complex phenomes and finding rare species in specimen-rich samples. <i>Cladistics</i> , <b>2016</b> , 32, 100-110	3.5	90
138	Comparing the effectiveness of metagenomics and metabarcoding for diet analysis of a leaf-feeding monkey ( <i>Pygathrix nemaeus</i> ). <i>Molecular Ecology Resources</i> , <b>2015</b> , 15, 250-61	8.4	88
137	Significance of Specimen Databases from Taxonomic Revisions for Estimating and Mapping the Global Species Diversity of Invertebrates and Repatriating Reliable Specimen Data. <i>Conservation Biology</i> , <b>2004</b> , 18, 478-488	6	88
136	Phylogeny and systematics of Diptera: Two decades of progress and prospects*. <i>Zootaxa</i> , <b>2007</b> , 1668, 565-590	0.5	83
135	From cryptic species to integrative taxonomy: an iterative process involving DNA sequences, morphology, and behaviour leads to the resurrection of <i>Sepsis pyrrhosoma</i> (Sepsidae: Diptera). <i>Zoologica Scripta</i> , <b>2010</b> , 39, 51-61	2.5	73
134	Evolution of life history traits in Asian freshwater prawns of the genus <i>Macrobrachium</i> (Crustacea: Decapoda: Palaemonidae) based on multilocus molecular phylogenetic analysis. <i>Molecular Phylogenetics and Evolution</i> , <b>2009</b> , 52, 340-50	4.1	71
133	Molecular Phylogenetics and Chronometrics of Tarsiidae Based on 12S mtDNA Haplotypes: Evidence for Miocene Origins of Crown Tarsiers and Numerous Species within the Sulawesi Clade. <i>International Journal of Primatology</i> , <b>2010</b> , 31, 1083-1106	2	71
132	Conflict, convergent evolution, and the relative importance of immature and adult characters in endopterygote phylogenetics. <i>Annual Review of Entomology</i> , <b>2009</b> , 54, 85-104	21.8	70
131	The phylogenetic relationships among infraorders and superfamilies of Diptera based on morphological evidence. <i>Systematic Entomology</i> , <b>2013</b> , 38, 164-179	3.4	69
130	New Guinea highland origin of a widespread arthropod supertramp. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2009</b> , 276, 2359-67	4.4	69
129	A MinION-based pipeline for fast and cost-effective DNA barcoding. <i>Molecular Ecology Resources</i> , <b>2018</b> , 18, 1035	8.4	64
128	The Muscoidea (Diptera: Calyptratae) are paraphyletic: Evidence from four mitochondrial and four nuclear genes. <i>Molecular Phylogenetics and Evolution</i> , <b>2008</b> , 49, 639-52	4.1	63
127	Fecal metagenomics for the simultaneous assessment of diet, parasites, and population genetics of an understudied primate. <i>Frontiers in Zoology</i> , <b>2016</b> , 13, 17	2.8	59
126	Nonmicrobial aerobic methane emission from poplar shoot cultures under low-light conditions. <i>New Phytologist</i> , <b>2009</b> , 182, 912-918	9.8	57
125	Towards a phylogenetic classification of reef corals: the Indo-Pacific genera <i>Merulina</i> , <i>Goniastrea</i> and <i>Scapophyllia</i> (Scleractinia, Merulinidae). <i>Zoologica Scripta</i> , <b>2014</b> , 43, 531-548	2.5	53
124	Next-generation freshwater bioassessment: eDNA metabarcoding with a conserved metazoan primer reveals species-rich and reservoir-specific communities. <i>Royal Society Open Science</i> , <b>2016</b> , 3, 160633	3.3	53

123	Transcriptome and target DNA enrichment sequence data provide new insights into the phylogeny of vespid wasps (Hymenoptera: Aculeata: Vespidae). <i>Molecular Phylogenetics and Evolution</i> , <b>2017</b> , 116, 213-226	4.1	50
122	Unlocking the "Black box": internal female genitalia in Sepsidae (Diptera) evolve fast and are species-specific. <i>BMC Evolutionary Biology</i> , <b>2010</b> , 10, 275	3	49
121	Morphology versus molecules: the phylogenetic relationships of Sepsidae (Diptera: Cyclorrhapha) based on morphology and DNA sequence data from ten genes. <i>Cladistics</i> , <b>2008</b> , 24, 902-916	3.5	49
120	'Direct PCR' optimization yields a rapid, cost-effective, nondestructive and efficient method for obtaining DNA barcodes without DNA extraction. <i>Molecular Ecology Resources</i> , <b>2014</b> , 14, 1271-80	8.4	48
119	An update on DNA barcoding: low species coverage and numerous unidentified sequences. <i>Cladistics</i> , <b>2012</b> , 28, 639-644	3.5	48
118	More evidence for pervasive paraphyly in scleractinian corals: systematic study of Southeast Asian Faviidae (Cnidaria; Scleractinia) based on molecular and morphological data. <i>Molecular Phylogenetics and Evolution</i> , <b>2009</b> , 50, 102-16	4.1	48
117	Dna Sequences In Taxonomy. <i>Systematics Association Special Volume</i> , <b>2008</b> , 95-127		48
116	Sorting specimen-rich invertebrate samples with cost-effective NGS barcodes: Validating a reverse workflow for specimen processing. <i>Molecular Ecology Resources</i> , <b>2018</b> , 18, 490-501	8.4	47
115	Rensch's rule in insects: patterns among and within species <b>2007</b> , 60-70		47
114	Complete tribal sampling reveals basal split in Muscidae (Diptera), confirms saprophagy as ancestral feeding mode, and reveals an evolutionary correlation between instar numbers and carnivory. <i>Molecular Phylogenetics and Evolution</i> , <b>2014</b> , 78, 349-64	4.1	45
113	Phylogeography and genetic diversity of a widespread Old World butterfly, <i>Lampides boeticus</i> (Lepidoptera: Lycaenidae). <i>BMC Evolutionary Biology</i> , <b>2008</b> , 8, 301	3	45
112	Towards holomorphology in entomology: rapid and cost-effective adult-larva matching using NGS barcodes. <i>Systematic Entomology</i> , <b>2018</b> , 43, 678-691	3.4	44
111	From kissing to belly stridulation: comparative analysis reveals surprising diversity, rapid evolution, and much homoplasy in the mating behaviour of 27 species of sepsid flies (Diptera: Sepsidae). <i>Journal of Evolutionary Biology</i> , <b>2009</b> , 22, 2146-56	2.3	44
110	Molluscs for Sale: Assessment of Freshwater Gastropods and Bivalves in the Ornamental Pet Trade. <i>PLoS ONE</i> , <b>2016</b> , 11, e0161130	3.7	44
109	Rapid, large-scale species discovery in hyperdiverse taxa using 1D MinION sequencing. <i>BMC Biology</i> , <b>2019</b> , 17, 96	7.3	44
108	The molecular clockwork of the fire ant <i>Solenopsis invicta</i> . <i>PLoS ONE</i> , <b>2012</b> , 7, e45715	3.7	43
107	Testing species richness estimation methods using museum label data on the Danish Asilidae. <i>Biodiversity and Conservation</i> , <b>2003</b> , 12, 687-701	3.4	42
106	Homoplasy Slope Ratio: A Better Measurement of Observed Homoplasy in Cladistic Analyses. <i>Systematic Zoology</i> , <b>1991</b> , 40, 74		42

105	Importance of reservoirs for the conservation of freshwater molluscs in a tropical urban landscape. <i>Biological Conservation</i> , <b>2006</b> , 128, 136-146	6.2	41
104	Sensitivity analysis, molecular systematics and natural history evolution of Scathophagidae (Diptera: Cyclorrhapha: Calyptratae).. <i>Cladistics</i> , <b>2007</b> , 23, 64-83	3.5	38
103	Bending for love: losses and gains of sexual dimorphisms are strictly correlated with changes in the mounting position of sepsid flies (Sepsidae: Diptera). <i>BMC Evolutionary Biology</i> , <b>2008</b> , 8, 155	3	36
102	Convergent evolution of eye ultrastructure and divergent evolution of vision-mediated predatory behaviour in jumping spiders. <i>Journal of Evolutionary Biology</i> , <b>2007</b> , 20, 1478-89	2.3	36
101	Testing species-richness estimation methods on single-sample collection data using the Danish Diptera. <i>Biodiversity and Conservation</i> , <b>2003</b> , 12, 667-686	3.4	36
100	A plea for digital reference collections and other science-based digitization initiatives in taxonomy: Sepsidnet as exemplar. <i>Systematic Entomology</i> , <b>2013</b> , 38, 637-644	3.4	35
99	Improved COI barcoding primers for Southeast Asian perching birds (Aves: Passeriformes). <i>Molecular Ecology Resources</i> , <b>2009</b> , 9, 37-40	8.4	35
98	Rapid evolution of troglomorphic characters suggests selection rather than neutral mutation as a driver of eye reduction in cave crabs. <i>Biology Letters</i> , <b>2013</b> , 9, 20121098	3.6	34
97	Combining molecular and morphological analyses of water strider phylogeny (Hemiptera: Heteroptera, Gerromorpha): effects of alignment and taxon sampling. <i>Systematic Entomology</i> , <b>2005</b> , 30, 289-309	3.4	31
96	Lack of morphological coevolution between male forelegs and female wings in Themira (Sepsidae: Diptera: Insecta). <i>Biological Journal of the Linnean Society</i> , <b>2008</b> , 93, 227-238	1.9	30
95	Positive selection in ASPM is correlated with cerebral cortex evolution across primates but not with whole-brain size. <i>Molecular Biology and Evolution</i> , <b>2008</b> , 25, 2247-50	8.3	30
94	Phylogenomic analysis of Calyptratae: resolving the phylogenetic relationships within a major radiation of Diptera. <i>Cladistics</i> , <b>2019</b> , 35, 605-622	3.5	29
93	A cladistic analysis of Diopsidae (Diptera) based on morphological and DNA sequence data. <i>Insect Systematics and Evolution</i> , <b>2002</b> , 33, 325-336	0.6	28
92	Cladistic analysis of the Sepsidae (Cyclorrhapha: Diptera) based on a comparative scanning electron microscopic study of larvae. <i>Systematic Entomology</i> , <b>1995</b> , 20, 99-128	3.4	28
91	Out of Borneo: Neogene diversification of Sundaic freshwater crabs (Crustacea: Brachyura: Gecarcinucidae: Parathelphusa). <i>Journal of Biogeography</i> , <b>2013</b> , 40, 63-74	4.1	27
90	Evolution of the assassin's arms: insights from a phylogeny of combined transcriptomic and ribosomal DNA data (Heteroptera: Reduviidae). <i>Scientific Reports</i> , <b>2016</b> , 6, 22177	4.9	27
89	Ivermectin sensitivity is an ancient trait affecting all ecdysozoa but shows phylogenetic clustering among sepsid flies. <i>Evolutionary Applications</i> , <b>2014</b> , 7, 548-54	4.8	26
88	On the egg morphology and phylogenetic relationships of Diopsidae (Diptera: Schizophora). <i>Journal of Zoological Systematics and Evolutionary Research</i> , <b>2000</b> , 38, 1-36	1.9	26

87	Does better taxon sampling help? A new phylogenetic hypothesis for Sepsidae (Diptera: Cyclorrhapha) based on 50 new taxa and the same old mitochondrial and nuclear markers. <i>Molecular Phylogenetics and Evolution</i> , <b>2013</b> , 69, 153-64	4.1	25
86	Is the COI barcoding gene involved in speciation through intergenomic conflict?. <i>Molecular Phylogenetics and Evolution</i> , <b>2012</b> , 62, 1009-12	4.1	25
85	Phylogeny and biogeography of the freshwater crab genus Johora (Crustacea: Brachyura: Potamidae) from the Malay Peninsula, and the origins of its insular fauna. <i>Zoologica Scripta</i> , <b>2007</b> , 36, 255-269	2.5	24
84	The Development of Phylogenetic Concepts in Hennig's Early Theoretical Publications (1947-1966). <i>Systematic Biology</i> , <b>1994</b> , 43, 212-221	8.4	24
83	A Test and Review of the Empirical Performance of the Ontogenetic Criterion. <i>Systematic Biology</i> , <b>1997</b> , 46, 699-721	8.4	22
82	A phylogenetic analysis of Coelopidae (Diptera) based on morphological and DNA sequence data. <i>Molecular Phylogenetics and Evolution</i> , <b>2002</b> , 25, 393-407	4.1	22
81	On the use of DNA sequences for determining the species limits of a polymorphic new species in the stink bug genus Halys (Heteroptera: Pentatomidae) from Pakistan. <i>Systematic Entomology</i> , <b>2006</b> , 31, 703-710	3.4	21
80	Deciphering the evolutionary history and developmental mechanisms of a complex sexual ornament: the abdominal appendages of Sepsidae (Diptera). <i>Evolution; International Journal of Organic Evolution</i> , <b>2013</b> , 67, 1069-80	3.8	20
79	Fauna europaea: Diptera - brachycera. <i>Biodiversity Data Journal</i> , <b>2015</b> , e4187	1.8	20
78	Longer is Not Always Better: Optimizing Barcode Length for Large-Scale Species Discovery and Identification. <i>Systematic Biology</i> , <b>2020</b> , 69, 999-1015	8.4	19
77	Taxonomy: Species can be named from photos. <i>Nature</i> , <b>2016</b> , 537, 307	50.4	19
76	Phylogenetic analysis of Themira (Sepsidae: Diptera): sensitivity analysis, alignment, and indel treatment in a multigene study. <i>Cladistics</i> , <b>2005</b> , 21, 258-271	3.5	19
75	The skeletomuscular system of the larva of Drosophila melanogaster (Drosophilidae, Diptera): a contribution to the morphology of a model organism. <i>Arthropod Structure and Development</i> , <b>2013</b> , 42, 47-68	1.8	18
74	Secondarily reduced foreleg armature in Perochaeta dikowi sp.n. (Diptera: Cyclorrhapha: Sepsidae) due to a novel mounting technique. <i>Systematic Entomology</i> , <b>2008</b> , 33, 552-559	3.4	18
73	Kelp flies and species concepts [The case of Coelopa frigida (Fabricius, 1805) and C. nebulare Aldrich, 1929 (Diptera: Coelopidae). <i>Journal of Zoological Systematics and Evolutionary Research</i> , <b>2003</b> , 41, 127-136	1.9	18
72	MinION sequencing of seafood in Singapore reveals creatively labelled flatfishes, confused roe, pig DNA in squid balls, and phantom crustaceans. <i>Food Control</i> , <b>2020</b> , 112, 107144	6.2	16
71	Citation of taxonomic publications: the why, when, what and what not. <i>Systematic Entomology</i> , <b>2017</b> , 42, 301-304	3.4	16
70	High haplotype variability in established Asian populations of the invasive Caribbean bivalve Mytilopsis sallei (Dreissenidae). <i>Biological Invasions</i> , <b>2011</b> , 13, 341-348	2.7	15



69	The Sepsidae (Diptera) of Europe <b>2002</b> ,		15
68	Population density, spatiotemporal use and diet of the leopard cat ( <i>Prionailurus bengalensis</i> ) in a human-modified succession forest landscape of Singapore. <i>Mammal Research</i> , <b>2016</b> , 61, 99-108	1.8	14
67	NGS barcoding reveals high resistance of a hyperdiverse chironomid (Diptera) swamp fauna against invasion from adjacent freshwater reservoirs. <i>Frontiers in Zoology</i> , <b>2018</b> , 15, 31	2.8	14
66	The need for specifying species concepts: How many species of silvered langurs ( <i>Trachypithecus cristatus</i> group) should be recognized?. <i>Molecular Phylogenetics and Evolution</i> , <b>2008</b> , 49, 688-9	4.1	14
65	Diptera Diversity: Status, Challenges and Tools <b>2009</b> ,		14
64	The puzzling mitochondrial phylogeography of the black soldier fly ( <i>Hermetia illucens</i> ), the commercially most important insect protein species. <i>BMC Evolutionary Biology</i> , <b>2020</b> , 20, 60	3	14
63	From marine park to future genomic observatory? Enhancing marine biodiversity assessments using a biocode approach. <i>Biodiversity Data Journal</i> , <b>2019</b> , 7, e46833	1.8	14
62	Using seemingly unnecessary illustrations to improve the diagnostic usefulness of descriptions in taxonomy-a case study on <i>Perochaeta orientalis</i> (Diptera, Sepsidae). <i>ZooKeys</i> , <b>2013</b> , 9-27	1.2	13
61	Beyond the Coral Triangle: high genetic diversity and near panmixia in Singapore's populations of the broadcast spawning sea star. <i>Royal Society Open Science</i> , <b>2016</b> , 3, 160253	3.3	13
60	A re-analysis of the data in Sharkey et al.'s (2021) minimalist revision reveals that BINs do not deserve names, but BOLD Systems needs a stronger commitment to open science. <i>Cladistics</i> , <b>2021</b> ,	3.5	13
59	Completing Linnaeus's inventory of the Swedish insect fauna: Only 5,000 species left?. <i>PLoS ONE</i> , <b>2020</b> , 15, e0228561	3.7	12
58	Phylogenetic relationships within the genus <i>Staurois</i> (Anura, Ranidae) based on 16S rRNA sequences. <i>Zootaxa</i> , <b>2011</b> , 2744, 39	0.5	12
57	New information on the evolution of mating behaviour in Sepsidae (Diptera) and the cost of male copulations in <i>Saltella sphondylii</i> . <i>Organisms Diversity and Evolution</i> , <b>2011</b> , 11, 253-261	1.7	12
56	Mitochondrial and nuclear markers support the monophyly of Dolichopodidae and suggest a rapid origin of the subfamilies (Diptera: Empidoidea). <i>Systematic Entomology</i> , <b>2010</b> , 35, 59-70	3.4	12
55	A comprehensive assessment of diversity loss in a well-documented tropical insect fauna: Almost half of Singapore's butterfly species extirpated in 160 years. <i>Biological Conservation</i> , <b>2020</b> , 242, 108401	6.2	12
54	Global population genetic structure and demographic trajectories of the black soldier fly, <i>Hermetia illucens</i> . <i>BMC Biology</i> , <b>2021</b> , 19, 94	7.3	12
53	A phylogenomic analysis of Culicomorpha (Diptera) resolves the relationships among the eight constituent families. <i>Systematic Entomology</i> , <b>2018</b> , 43, 434-446	3.4	11
52	Genetic data confirm the species status of <i>Sepsis nigripes</i> Meigen (Diptera : Sepsidae) and adds one species to the Alpine fauna while questioning the synonymy of <i>Sepsis helvetica</i> Munari. <i>Invertebrate Systematics</i> , <b>2014</b> , 28, 555	1.2	10

51	A comparative SEM study of the eggs of the Sepsidae (Diptera) with a cladistic analysis based on egg, larval and adult characters. <i>Insect Systematics and Evolution</i> , <b>1995</b> , 26, 425-438	0.6	10
50	Suggestions for a more precise usage of proper names of taxa Ambiguities related to the stem lineage concept. <i>Journal of Zoological Systematics and Evolutionary Research</i> , <b>1992</b> , 30, 81-88	1.9	9
49	MinION barcodes: biodiversity discovery and identification by everyone, for everyone		9
48	Analysing small insect glands with UV-LDI MS: high-resolution spatial analysis reveals the chemical composition and use of the osmeterium secretion in <i>Themira superba</i> (Sepsidae: Diptera). <i>Journal of Evolutionary Biology</i> , <b>2014</b> , 27, 1744-50	2.3	8
47	Ovoviviparity and viviparity in the Diptera. <i>Biological Reviews</i> , <b>2007</b> , 74, 199-258	13.5	8
46	Boosting natural history research via metagenomic clean-up of crowdsourced feces. <i>PLoS Biology</i> , <b>2019</b> , 17, e3000517	9.7	7
45	Hidden in the urban parks of New York City: , a new species of Sepsidae described based on morphology, DNA sequences, mating behavior, and reproductive isolation (Sepsidae, Diptera). <i>ZooKeys</i> , <b>2017</b> , 95-111	1.2	7
44	Molecular and anatomical analyses reveal that <i>Peronia verruculata</i> (Gastropoda: Onchidiidae) is a cryptic species complex. <i>Contributions To Zoology</i> , <b>2018</b> , 87, 149-165	1.6	7
43	CRISPR/Cas9 deletions in a conserved exon of <i>Distal-less</i> generates gains and losses in a recently acquired morphological novelty in flies. <i>iScience</i> , <b>2018</b> , 10, 222-233	6.1	7
42	ONTbarcode and MinION barcodes aid biodiversity discovery and identification by everyone, for everyone. <i>BMC Biology</i> , <b>2021</b> , 19, 217	7.3	7
41	Integrative taxonomy reveals two sympatric species of the genus <i>Eucrietotettix</i> Hebard, 1930 (Orthoptera: Tettigidae). <i>Zootaxa</i> , <b>2017</b> , 4268, 377-394	0.5	6
40	Five additions to the list of Sepsidae Diptera for Vietnam: <i>Perochaeta cuirassa</i> sp. n., <i>Perochaeta lobo</i> sp. n., <i>Sepsis spura</i> sp. n., <i>Sepsis sepsi</i> Ozerov, 2003 and <i>Sepsis monostigma</i> Thompson, 1869. <i>ZooKeys</i> , <b>2010</b> , 41-56	1.2	6
39	Primate home range and GRIN2A, a receptor gene involved in neuronal plasticity: implications for the evolution of spatial memory. <i>Genes, Brain and Behavior</i> , <b>2009</b> , 8, 435-41	3.6	6
38	Homoplasy Slope Ratio: A Better Measurement of Observed Homoplasy in Cladistic Analyses. <i>Systematic Biology</i> , <b>1991</b> , 40, 74-88	8.4	6
37	Mimicry diversification in via a genomic inversion in the regulatory region of -. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2020</b> , 287, 20200443	4.4	6
36	Large-scale Integrative Taxonomy (LIT): resolving the data conundrum for dark taxa		6
35	Evolutionary analysis identifies multiple genome expansions and contractions in Sepsidae (Diptera) and suggests targets for future genomic research. <i>Cladistics</i> , <b>2016</b> , 32, 308-316	3.5	6
34	Contribution to understanding the evolution of holometaboly: transformation of internal head structures during the metamorphosis in the green lacewing <i>Chrysopa pallens</i> (Neuroptera: Chrysopidae). <i>BMC Evolutionary Biology</i> , <b>2020</b> , 20, 79	3	5



33	A phylogenetic analysis of Sciomyzidae (Diptera) and some related genera. <i>Cladistics</i> , <b>2013</b> , 29, 404-415	3.5	5
32	The immature stages of <i>Katacamilla cavernicola</i> Papp, the first described for the Camillidae (Diptera: Schizophora), with comparison to other known Ephydroidea larvae, and notes on biology. <i>Journal of Natural History</i> , <b>2002</b> , 36, 1105-1128	0.5	5
31	Next-Generation identification tools for Nee Soon freshwater swamp forest, Singapore. <i>The Gardensi Bulletin Singapore</i> , <b>2018</b> , 70, 155-173	0.9	5
30	Rapid, large-scale species discovery in hyperdiverse taxa using 1D MinION sequencing		5
29	A re-analysis of the data in Sharkey et al. (2021) minimalist revision reveals that BINs do not deserve names, but BOLD Systems needs a stronger commitment to open science		5
28	When "not extinct" is not good news: conservation in the Sangahe Islands. <i>Conservation Biology</i> , <b>2007</b> , 21, 4-5	6	4
27	What cell lineages tell us about the evolution of spiralia remains to be seen. <i>Evolution; International Journal of Organic Evolution</i> , <b>2002</b> , 56, 2554-7; discussion 2558-60	3.8	4
26	A Test and Review of the Empirical Performance of the Ontogenetic Criterion		4
25	Beyond <i>Drosophila</i> : resolving the rapid radiation of schizophoran flies with phylotranscriptomics. <i>BMC Biology</i> , <b>2021</b> , 19, 23	7.3	4
24	Faecal DNA to the rescue: Shotgun sequencing of non-invasive samples reveals two subspecies of Southeast Asian primates to be Critically Endangered species. <i>Scientific Reports</i> , <b>2020</b> , 10, 9396	4.9	3
23	The Insects of Australia: A Textbook for Students and Research Workers, 2nd Edition.. <i>Systematic Biology</i> , <b>1993</b> , 42, 588	8.4	3
22	A MinION-based pipeline for fast and cost-effective DNA barcoding		3
21	Mini-barcodes are equally useful for species identification and more suitable for large-scale species discovery in Metazoa than full-length barcodes		3
20	No evidence for mitochondrial genetic variability in the largest population of critically endangered Tonkin snub-nosed monkeys in Vietnam. <i>Primates</i> , <b>2016</b> , 57, 449-53	1.7	3
19	Seeking life in sedimented waters: Environmental DNA from diverse habitat types reveals ecologically significant species in a tropical marine environment. <i>Environmental DNA</i> , <b>2021</b> , 3, 654-668	7.6	3
18	HENNIG86 and PAUP are reliable. <i>Journal of Zoological Systematics and Evolutionary Research</i> , <b>1992</b> , 30, 239-243	1.9	2
17	Morphology and DNA sequences confirm the first Neotropical record for the Holarctic sepsid species <i>Themira leachi</i> (Meigen) (Diptera: Sepsidae). <i>Zootaxa</i> , <b>2008</b> , 1933, 63-65	0.5	2
16	Monophyletic blowflies revealed by phylogenomics. <i>BMC Biology</i> , <b>2021</b> , 19, 230	7.3	2

15	DiversityScanner: Robotic discovery of small invertebrates with machine learning methods		2
14	Habitat impacts the abundance and network structure within tick (Acari: Ixodidae) communities on tropical small mammals. <i>Ticks and Tick-borne Diseases</i> , <b>2021</b> , 12, 101654	3.6	2
13	Mangroves are an overlooked hotspot of insect diversity despite low plant diversity. <i>BMC Biology</i> , <b>2021</b> , 19, 202	7.3	2
12	Roads to isolation: Similar genomic history patterns in two species of freshwater crabs with contrasting environmental tolerances and range sizes. <i>Ecology and Evolution</i> , <b>2018</b> , 8, 4657-4668	2.8	1
11	THEMIRA BILOBA ANDERSSON 1975 (DIPTERA: SEPSIDAE), A SPECIES FROM MANHATTAN'S CENTRAL PARK THAT IS NEW TO THE NEARCTIC REGION. <i>Journal of the New York Entomological Society</i> , <b>2007</b> , 114, 176-177		1
10	WHAT CELL LINEAGES TELL US ABOUT THE EVOLUTION OF SPIRALIA REMAINS TO BE SEEN. <i>Evolution; International Journal of Organic Evolution</i> , <b>2002</b> , 56, 2554	3.8	1
9	The Development of Phylogenetic Concepts in Hennig's Early Theoretical Publications (1947-1966). <i>Systematic Biology</i> , <b>1994</b> , 43, 212	8.4	1
8	MinION sequencing of seafood in Singapore reveals creatively labelled flatfishes, confused roe, pig DNA in squid balls, and phantom crustaceans		1
7	Mangroves are an overlooked hotspot of insect diversity despite low plant diversity		1
6	Reproduction in Urbanised Coastal Waters: Shallow-Water Sea Anemones ( <i>Entacmaea quadricolor</i> and <i>Stichodactyla haddoni</i> ) Maintain High Genetic Diversity and Panmixia. <i>Diversity</i> , <b>2020</b> , 12, 467	2.5	0
5	Comparative analysis reveals the complex role of histoblast nest size in the evolution of novel insect abdominal appendages in Sepsidae (Diptera). <i>BMC Evolutionary Biology</i> , <b>2018</b> , 18, 151	3	
4	Completing Linnaeus's inventory of the Swedish insect fauna: Only 5,000 species left? <b>2020</b> , 15, e0228561		
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