Rudolf Meier

List of Publications by Year in Descending Order

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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	Monophyletic blowflies revealed by phylogenomics. *BMC Biology*, **2021**, 19, 230	7.3	2
157	Global population genetic structure and demographic trajectories of the black soldier fly, Hermetia illucens. *BMC Biology*, **2021**, 19, 94	7.3	12
156	Habitat impacts the abundance and network structure within tick (Acari: Ixodidae) communities on tropical small mammals. *Ticks and Tick-borne Diseases*, **2021**, 12, 101654	3.6	2
155	Seeking life in sedimented waters: Environmental DNA from diverse habitat types reveals ecologically significant species in a tropical marine environment. *Environmental DNA*, **2021**, 3, 654-668	7.6	3
154	Beyond Drosophila: resolving the rapid radiation of schizophoran flies with phylotranscriptomics. *BMC Biology*, **2021**, 19, 23	7.3	4
153	Mangroves are an overlooked hotspot of insect diversity despite low plant diversity. *BMC Biology*, **2021**, 19, 202	7.3	2
152	ONTbarcoder and MinION barcodes aid biodiversity discovery and identification by everyone, for everyone. *BMC Biology*, **2021**, 19, 217	7.3	7
151	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. *Cladistics*, **2021**,	3.5	13
150	Faecal DNA to the rescue: Shotgun sequencing of non-invasive samples reveals two subspecies of Southeast Asian primates to be Critically Endangered species. *Scientific Reports*, **2020**, 10, 9396	4.9	3
149	Completing Linnaeus's inventory of the Swedish insect fauna: Only 5,000 species left?. *PLoS ONE*, **2020**, 15, e0228561	3.7	12
148	Contribution to understanding the evolution of holometaboly: transformation of internal head structures during the metamorphosis in the green lacewing Chrysopa pallens (Neuroptera: Chrysopidae). *BMC Evolutionary Biology*, **2020**, 20, 79	3	5
147	Longer is Not Always Better: Optimizing Barcode Length for Large-Scale Species Discovery and Identification. *Systematic Biology*, **2020**, 69, 999-1015	8.4	19
146	MinION sequencing of seafood in Singapore reveals creatively labelled flatfishes, confused roe, pig DNA in squid balls, and phantom crustaceans. *Food Control*, **2020**, 112, 107144	6.2	16
145	The puzzling mitochondrial phylogeography of the black soldier fly (Hermetia illucens), the commercially most important insect protein species. *BMC Evolutionary Biology*, **2020**, 20, 60	3	14
144	A comprehensive assessment of diversity loss in a well-documented tropical insect fauna: Almost half of Singapore's butterfly species extirpated in 160 years. *Biological Conservation*, **2020**, 242, 108401	6.2	12
143	Mimicry diversification in via a genomic inversion in the regulatory region of -. *Proceedings of the Royal Society B: Biological Sciences*, **2020**, 287, 20200443	4.4	6
142	Reproduction in Urbanised Coastal Waters: Shallow-Water Sea Anemones (Entacmaea quadricolor and Stichodactyla haddoni) Maintain High Genetic Diversity and Panmixia. *Diversity*, **2020**, 12, 467	2.5	0

141	Completing Linnaeus's inventory of the Swedish insect fauna: Only 5,000 species left? **2020**, 15, e0228561		
140	Completing Linnaeus's inventory of the Swedish insect fauna: Only 5,000 species left? **2020**, 15, e0228561		
139	Completing Linnaeus's inventory of the Swedish insect fauna: Only 5,000 species left? **2020**, 15, e0228561		
138	Completing Linnaeus's inventory of the Swedish insect fauna: Only 5,000 species left? **2020**, 15, e0228561		
137	Phylogenomic analysis of Calyptratae: resolving the phylogenetic relationships within a major radiation of Diptera. *Cladistics*, **2019**, 35, 605-622	3.5	29
136	Boosting natural history research via metagenomic clean-up of crowdsourced feces. *PLoS Biology*, **2019**, 17, e3000517	9.7	7
135	From marine park to future genomic observatory? Enhancing marine biodiversity assessments using a biocode approach. *Biodiversity Data Journal*, **2019**, 7, e46833	1.8	14
134	Rapid, large-scale species discovery in hyperdiverse taxa using 1D MinION sequencing. *BMC Biology*, **2019**, 17, 96	7.3	44
133	A phylogenomic analysis of Culicomorpha (Diptera) resolves the relationships among the eight constituent families. *Systematic Entomology*, **2018**, 43, 434-446	3.4	11
132	Roads to isolation: Similar genomic history patterns in two species of freshwater crabs with contrasting environmental tolerances and range sizes. *Ecology and Evolution*, **2018**, 8, 4657-4668	2.8	1
131	A MinION-based pipeline for fast and cost-effective DNA barcoding. *Molecular Ecology Resources*, **2018**, 18, 1035	8.4	64
130	Towards holomorphology in entomology: rapid and cost-effective adult-larva matching using NGS barcodes. *Systematic Entomology*, **2018**, 43, 678-691	3.4	44
129	Sorting specimen-rich invertebrate samples with cost-effective NGS barcodes: Validating a reverse workflow for specimen processing. *Molecular Ecology Resources*, **2018**, 18, 490-501	8.4	47
128	NGS barcoding reveals high resistance of a hyperdiverse chironomid (Diptera) swamp fauna against invasion from adjacent freshwater reservoirs. *Frontiers in Zoology*, **2018**, 15, 31	2.8	14
127	Next-Generation identification tools for Nee Soon freshwater swamp forest, Singapore. *The Gardensi Bulletin Singapore*, **2018**, 70, 155-173	0.9	5
126	Molecular and anatomical analyses reveal that Peronia verruculata (Gastropoda: Onchidiidae) is a cryptic species complex. *Contributions To Zoology*, **2018**, 87, 149-165	1.6	7
125	CRISPR/Cas9 deletions in a conserved exon of Distal-less generates gains and losses in a recently acquired morphological novelty in flies. *IScience*, **2018**, 10, 222-233	6.1	7
124	Comparative analysis reveals the complex role of histoblast nest size in the evolution of novel insect abdominal appendages in Sepsidae (Diptera). *BMC Evolutionary Biology*, **2018**, 18, 151	3	

123	Integrative taxonomy reveals two sympatric species of the genus Eucriotettix Hebard, 1930 (Orthoptera: Tetrigidae). *Zootaxa*, **2017**, 4268, 377-394	0.5	6
122	Evolutionary History of the Hymenoptera. *Current Biology*, **2017**, 27, 1013-1018	6.3	372
121	Transcriptome and target DNA enrichment sequence data provide new insights into the phylogeny of vespid wasps (Hymenoptera: Aculeata: Vespidae). *Molecular Phylogenetics and Evolution*, **2017**, 116, 213-226	4.1	50
120	Citation of taxonomic publications: the why, when, what and what not. *Systematic Entomology*, **2017**, 42, 301-304	3.4	16
119	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). *ZooKeys*, **2017**, 95-111	1.2	7
118	Taxonomy: Species can be named from photos. *Nature*, **2016**, 537, 307	50.4	19
117	Fecal metagenomics for the simultaneous assessment of diet, parasites, and population genetics of an understudied primate. *Frontiers in Zoology*, **2016**, 13, 17	2.8	59
116	$1 DNA barcodes for reconstructing complex phenomes and finding rare species in specimen-rich samples. *Cladistics*, **2016**, 32, 100-110	3.5	90
115	Population density, spatiotemporal use and diet of the leopard cat (Prionailurus bengalensis) in a human-modified succession forest landscape of Singapore. *Mammal Research*, **2016**, 61, 99-108	1.8	14
114	Molluscs for Sale: Assessment of Freshwater Gastropods and Bivalves in the Ornamental Pet Trade. *PLoS ONE*, **2016**, 11, e0161130	3.7	44
113	Evolutionary analysis identifies multiple genome expansions and contractions in Sepsidae (Diptera) and suggests targets for future genomic research. *Cladistics*, **2016**, 32, 308-316	3.5	6
112	Evolution of the assassin's arms: insights from a phylogeny of combined transcriptomic and ribosomal DNA data (Heteroptera: Reduvioidea). *Scientific Reports*, **2016**, 6, 22177	4.9	27
111	Next-generation freshwater bioassessment: eDNA metabarcoding with a conserved metazoan primer reveals species-rich and reservoir-specific communities. *Royal Society Open Science*, **2016**, 3, 160635	2.3	53
110	No evidence for mitochondrial genetic variability in the largest population of critically endangered Tonkin snub-nosed monkeys in Vietnam. *Primates*, **2016**, 57, 449-53	1.7	3
109	Beyond the Coral Triangle: high genetic diversity and near panmixia in Singapore's populations of the broadcast spawning sea star. *Royal Society Open Science*, **2016**, 3, 160253	3.3	13
108	Comparing the effectiveness of metagenomics and metabarcoding for diet analysis of a leaf-feeding monkey (Pygathrix nemaeus). *Molecular Ecology Resources*, **2015**, 15, 250-61	8.4	88
107	Fauna europaea: Diptera - brachycera. *Biodiversity Data Journal*, **2015**, e4187	1.8	20
106	Analysing small insect glands with UV-LDI MS: high-resolution spatial analysis reveals the chemical composition and use of the osmeterium secretion in Themira superba (Sepsidae: Diptera). *Journal of Evolutionary Biology*, **2014**, 27, 1744-50	2.3	8

105	'Direct PCR' optimization yields a rapid, cost-effective, nondestructive and efficient method for obtaining DNA barcodes without DNA extraction. *Molecular Ecology Resources*, **2014**, 14, 1271-80	8.4	48
104	Ivermectin sensitivity is an ancient trait affecting all ecdysozoa but shows phylogenetic clustering among sepsid flies. *Evolutionary Applications*, **2014**, 7, 548-54	4.8	26
103	Towards a phylogenetic classification of reef corals: the Indo-Pacific genera Merulina, Goniastrea and Scapophyllia (Scleractinia, Merulinidae). *Zoologica Scripta*, **2014**, 43, 531-548	2.5	53
102	Genetic data confirm the species status of Sepsis nigripes Meigen (Diptera : Sepsidae) and adds one species to the Alpine fauna while questioning the synonymy of Sepsis helvetica Munari. *Invertebrate Systematics*, **2014**, 28, 555	1.2	10
101	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. *Molecular Phylogenetics and Evolution*, **2014**, 78, 349-64	4.1	45
100	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. *Molecular Phylogenetics and Evolution*, **2013**, 69, 153-64	4.1	25
99	The skeletomuscular system of the larva of Drosophila melanogaster (Drosophilidae, Diptera): a contribution to the morphology of a model organism. *Arthropod Structure and Development*, **2013**, 42, 47-68	1.8	18
98	Out of Borneo: Neogene diversification of Sundaic freshwater crabs (Crustacea: Brachyura: Gecarcinucidae: Parathelphusa). *Journal of Biogeography*, **2013**, 40, 63-74	4.1	27
97	The phylogenetic relationships among infraorders and superfamilies of Diptera based on morphological evidence. *Systematic Entomology*, **2013**, 38, 164-179	3.4	69
96	Deciphering the evolutionary history and developmental mechanisms of a complex sexual ornament: the abdominal appendages of Sepsidae (Diptera). *Evolution; International Journal of Organic Evolution*, **2013**, 67, 1069-80	3.8	20
95	A plea for digital reference collections and other science-based digitization initiatives in taxonomy: Sepsidnet as exemplar. *Systematic Entomology*, **2013**, 38, 637-644	3.4	35
94	A phylogenetic analysis of Sciomyzidae (Diptera) and some related genera. *Cladistics*, **2013**, 29, 404-415	3.5	5
93	Using seemingly unnecessary illustrations to improve the diagnostic usefulness of descriptions in taxonomy-a case study on Perochaeta orientalis (Diptera, Sepsidae). *ZooKeys*, **2013**, 9-27	1.2	13
92	Rapid evolution of troglomorphic characters suggests selection rather than neutral mutation as a driver of eye reduction in cave crabs. *Biology Letters*, **2013**, 9, 20121098	3.6	34
91	On the inappropriate use of Kimura-2-parameter (K2P) divergences in the DNA-barcoding literature. *Cladistics*, **2012**, 28, 190-194	3.5	243
90	An update on DNA barcoding: low species coverage and numerous unidentified sequences. *Cladistics*, **2012**, 28, 639-644	3.5	48
89	Determining species boundaries in a world full of rarity: singletons, species delimitation methods. *Systematic Biology*, **2012**, 61, 165-9	8.4	169
88	Is the COI barcoding gene involved in speciation through intergenomic conflict?. *Molecular Phylogenetics and Evolution*, **2012**, 62, 1009-12	4.1	25

87	Barcoding and border biosecurity: identifying cyprinid fishes in the aquarium trade. *PLoS ONE*, **2012**, 7, e28381	3.7	104
86	The molecular clockwork of the fire ant Solenopsis invicta. *PLoS ONE*, **2012**, 7, e45715	3.7	43
85	SequenceMatrix: concatenation software for the fast assembly of multi-gene datasets with character set and codon information. *Cladistics*, **2011**, 27, 171-180	3.5	1157
84	Phylogenetic relationships within the genus Staurois (Anura, Ranidae) based on 16S rRNA sequences. *Zootaxa*, **2011**, 2744, 39	0.5	12
83	Morphological and molecular evidence converge upon a robust phylogeny of the megadiverse Holometabola. *Cladistics*, **2011**, 27, 341-355	3.5	101
82	High haplotype variability in established Asian populations of the invasive Caribbean bivalve Mytilopsis sallei (Dreissenidae). *Biological Invasions*, **2011**, 13, 341-348	2.7	15
81	New information on the evolution of mating behaviour in Sepsidae (Diptera) and the cost of male copulations in Saltella sphondylii. *Organisms Diversity and Evolution*, **2011**, 11, 253-261	1.7	12
80	Episodic radiations in the fly tree of life. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 5690-5	11.5	549
79	From □cryptic species□ to integrative taxonomy: an iterative process involving DNA sequences, morphology, and behaviour leads to the resurrection of Sepsis pyrrhosoma (Sepsidae: Diptera). *Zoologica Scripta*, **2010**, 39, 51-61	2.5	73
78	Five additions to the list of Sepsidae Diptera for Vietnam: Perochaeta cuirassa sp. n., Perochaeta lobo sp. n., Sepsis spura sp. n., Sepsis sepsi Ozerov, 2003 and Sepsis monostigma Thompson, 1869. *ZooKeys*, **2010**, 41-56	1.2	6
77	Cryptic genetic diversity in □widespread□ Southeast Asian bird species suggests that Philippine avian endemism is gravely underestimated. *Biological Conservation*, **2010**, 143, 1885-1890	6.2	100
76	Molecular Phylogenetics and Chronometrics of Tarsiidae Based on 12S mtDNA Haplotypes: Evidence for Miocene Origins of Crown Tarsiers and Numerous Species within the Sulawesian Clade. *International Journal of Primatology*, **2010**, 31, 1083-1106	2	71
75	Unlocking the "Black box": internal female genitalia in Sepsidae (Diptera) evolve fast and are species-specific. *BMC Evolutionary Biology*, **2010**, 10, 275	3	49
74	Mitochondrial and nuclear markers support the monophyly of Dolichopodidae and suggest a rapid origin of the subfamilies (Diptera: Empidoidea). *Systematic Entomology*, **2010**, 35, 59-70	3.4	12
73	Molecular phylogeny of the Calyptratae (Diptera: Cyclorrhapha) with an emphasis on the superfamily Oestroidea and the position of Mystacinobiidae and McAlpine's fly. *Systematic Entomology*, **2010**, 35, 614-635	3.4	116
72	New Guinea highland origin of a widespread arthropod supertramp. *Proceedings of the Royal Society B: Biological Sciences*, **2009**, 276, 2359-67	4.4	69
71	Primate home range and GRIN2A, a receptor gene involved in neuronal plasticity: implications for the evolution of spatial memory. *Genes, Brain and Behavior*, **2009**, 8, 435-41	3.6	6
70	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). *Journal of Evolutionary Biology*, **2009**, 22, 2146-56	2.3	44

69	Nonmicrobial aerobic methane emission from poplar shoot cultures under low-light conditions. *New Phytologist*, **2009**, 182, 912-918	9.8	57
68	More evidence for pervasive paraphyly in scleractinian corals: systematic study of Southeast Asian Faviidae (Cnidaria; Scleractinia) based on molecular and morphological data. *Molecular Phylogenetics and Evolution*, **2009**, 50, 102-16	4.1	48
67	Evolution of life history traits in Asian freshwater prawns of the genus Macrobrachium (Crustacea: Decapoda: Palaemonidae) based on multilocus molecular phylogenetic analysis. *Molecular Phylogenetics and Evolution*, **2009**, 52, 340-50	4.1	71
66	Conflict, convergent evolution, and the relative importance of immature and adult characters in endopterygote phylogenetics. *Annual Review of Entomology*, **2009**, 54, 85-104	21.8	70
65	Improved COI barcoding primers for Southeast Asian perching birds (Aves: Passeriformes). *Molecular Ecology Resources*, **2009**, 9, 37-40	8.4	35
64	Diptera Diversity: Status, Challenges and Tools **2009**,		14
63	Lack of morphological coevolution between male forelegs and female wings in Themira (Sepsidae: Diptera: Insecta). *Biological Journal of the Linnean Society*, **2008**, 93, 227-238	1.9	30
62	Morphology versus molecules: the phylogenetic relationships of Sepsidae (Diptera: Cyclorrhapha) based on morphology and DNA sequence data from ten genes. *Cladistics*, **2008**, 24, 902-916	3.5	49
61	Bending for love: losses and gains of sexual dimorphisms are strictly correlated with changes in the mounting position of sepsid flies (Sepsidae: Diptera). *BMC Evolutionary Biology*, **2008**, 8, 155	3	36
60	Phylogeography and genetic diversity of a widespread Old World butterfly, Lampides boeticus (Lepidoptera: Lycaenidae). *BMC Evolutionary Biology*, **2008**, 8, 301	3	45
59	Secondarily reduced foreleg armature in Perochaeta dikowi sp.n. (Diptera: Cyclorrhapha: Sepsidae) due to a novel mounting technique. *Systematic Entomology*, **2008**, 33, 552-559	3.4	18
58	The use of mean instead of smallest interspecific distances exaggerates the size of the "barcoding gap" and leads to misidentification. *Systematic Biology*, **2008**, 57, 809-13	8.4	361
57	Sepsid even-skipped enhancers are functionally conserved in Drosophila despite lack of sequence conservation. *PLoS Genetics*, **2008**, 4, e1000106	6	221
56	Positive selection in ASPM is correlated with cerebral cortex evolution across primates but not with whole-brain size. *Molecular Biology and Evolution*, **2008**, 25, 2247-50	8.3	30
55	Slow mitochondrial COI sequence evolution at the base of the metazoan tree and its implications for DNA barcoding. *Journal of Molecular Evolution*, **2008**, 66, 167-74	3.1	226
54	The need for specifying species concepts: How many species of silvered langurs (Trachypithecus cristatus group) should be recognized?. *Molecular Phylogenetics and Evolution*, **2008**, 49, 688-9	4.1	14
53	The Muscoidea (Diptera: Calyptratae) are paraphyletic: Evidence from four mitochondrial and four nuclear genes. *Molecular Phylogenetics and Evolution*, **2008**, 49, 639-52	4.1	63
52	Morphology and DNA sequences confirm the first Neotropical record for the Holarctic sepsid species Themira leachi (Meigen) (Diptera: Sepsidae). *Zootaxa*, **2008**, 1933, 63-65	0.5	2

51	Dna Sequences In Taxonomy. *Systematics Association Special Volume*, **2008**, 95-127		48
50	Proximate causes of Rensch's rule: does sexual size dimorphism in arthropods result from sex differences in development time?. *American Naturalist*, **2007**, 169, 245-57	3.7	192
49	Phylogeny and systematics of Diptera: Two decades of progress and prospects*. *Zootaxa*, **2007**, 1668, 565-590	0.5	83
48	The phylogeny and evolution of host choice in the Hippoboscoidea (Diptera) as reconstructed using four molecular markers. *Molecular Phylogenetics and Evolution*, **2007**, 45, 111-22	4.1	103
47	Sensitivity analysis, molecular systematics and natural history evolution of Scathophagidae (Diptera: Cyclorrhapha: Calyptratae).. *Cladistics*, **2007**, 23, 64-83	3.5	38
46	Convergent evolution of eye ultrastructure and divergent evolution of vision-mediated predatory behaviour in jumping spiders. *Journal of Evolutionary Biology*, **2007**, 20, 1478-89	2.3	36
45	Phylogeny and biogeography of the freshwater crab genus Johora (Crustacea: Brachyura: Potamidae) from the Malay Peninsula, and the origins of its insular fauna. *Zoologica Scripta*, **2007**, 36, 255-269	2.5	24
44	Ovoviviparity and viviparity in the Diptera. *Biological Reviews*, **2007**, 74, 199-258	13.5	8
43	When "not extinct" is not good news: conservation in the Sangihe Islands. *Conservation Biology*, **2007**, 21, 4-5	6	4
42	THEMIRA BILOBA ANDERSSON 1975 (DIPTERA: SEPSIDAE), A SPECIES FROM MANHATTAN'S CENTRAL PARK THAT IS NEW TO THE NEARCTIC REGION. *Journal of the New York Entomological Society*, **2007**, 114, 176-177		1
41	Rensch's rule in insects: patterns among and within species **2007**, 60-70		47
40	Cryptic species as a window on diversity and conservation. *Trends in Ecology and Evolution*, **2007**, 22, 148-55	10.9	2158
39	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. *Systematic Entomology*, **2006**, 31, 703-710	3.4	21
38	DNA barcoding and taxonomy in Diptera: a tale of high intraspecific variability and low identification success. *Systematic Biology*, **2006**, 55, 715-28	8.4	961
37	Importance of reservoirs for the conservation of freshwater molluscs in a tropical urban landscape. *Biological Conservation*, **2006**, 128, 136-146	6.2	41
36	Phylogenetic analysis of Themira (Sepsidae: Diptera): sensitivity analysis, alignment, and indel treatment in a multigene study. *Cladistics*, **2005**, 21, 258-271	3.5	19
35	Combining molecular and morphological analyses of water strider phylogeny (HemipteraHeteroptera, Gerromorpha): effects of alignment and taxon sampling. *Systematic Entomology*, **2005**, 30, 289-309	3.4	31
34	Significance of Specimen Databases from Taxonomic Revisions for Estimating and Mapping the Global Species Diversity of Invertebrates and Repatriating Reliable Specimen Data. *Conservation Biology*, **2004**, 18, 478-488	6	88

33	Testing species richness estimation methods using museum label data on the Danish Asilidae. *Biodiversity and Conservation*, **2003**, 12, 687-701	3.4	42
32	Testing species-richness estimation methods on single-sample collection data using the Danish Diptera. *Biodiversity and Conservation*, **2003**, 12, 667-686	3.4	36
31	Kelp flies and species concepts the case of Coelopa frigida (Fabricius, 1805) and C. nebularum Aldrich, 1929 (Diptera: Coelopidae). *Journal of Zoological Systematics and Evolutionary Research*, **2003**, 41, 127-136	1.9	18
30	A phylogenetic analysis of Coelopidae (Diptera) based on morphological and DNA sequence data. *Molecular Phylogenetics and Evolution*, **2002**, 25, 393-407	4.1	22
29	What cell lineages tell us about the evolution of spiralia remains to be seen. *Evolution; International Journal of Organic Evolution*, **2002**, 56, 2554-7; discussion 2558-60	3.8	4
28	A cladistic analysis of Diopsidae (Diptera) based on morphological and DNA sequence data. *Insect Systematics and Evolution*, **2002**, 33, 325-336	0.6	28
27	WHAT CELL LINEAGES TELL US ABOUT THE EVOLUTION OF SPIRALIA REMAINS TO BE SEEN. *Evolution; International Journal of Organic Evolution*, **2002**, 56, 2554	3.8	1
26	The immature stages of Katacamilla cavernicola Papp, the first described for the Camillidae (Diptera: Schizophora), with comparison to other known Ephydroidea larvae, and notes on biology. *Journal of Natural History*, **2002**, 36, 1105-1128	0.5	5
25	The Sepsidae (Diptera) of Europe **2002**,		15
24	On the egg morphology and phylogenetic relationships of Diopsidae (Diptera: Schizophora). *Journal of Zoological Systematics and Evolutionary Research*, **2000**, 38, 1-36	1.9	26
23	Oviviparity and viviparity in the Diptera. *Biological Reviews*, **1999**, 74, 199-258	13.5	107
22	Phylogeny of fungus-growing ants (Tribe Attini) based on mtDNA sequence and morphology. *Molecular Phylogenetics and Evolution*, **1998**, 9, 42-7	4.1	91
21	A Test and Review of the Empirical Performance of the Ontogenetic Criterion. *Systematic Biology*, **1997**, 46, 699-721	8.4	22
20	A comparative SEM study of the eggs of the Sepsidae (Diptera) with a cladistic analysis based on egg, larval and adult characters. *Insect Systematics and Evolution*, **1995**, 26, 425-438	0.6	10
19	Cladistic analysis of the Sepsidae (Cyclorrhapha: Diptera) based on a comparative scanning electron microscopic study of larvae. *Systematic Entomology*, **1995**, 20, 99-128	3.4	28
18	A phylogenetic analysis of the fungus-growing ants (Hymenoptera: Formicidae: Attini) based on morphological characters of the larvae. *Systematic Entomology*, **1995**, 20, 337-370	3.4	131
17	The Development of Phylogenetic Concepts in Hennig's Early Theoretical Publications (1947-1966). *Systematic Biology*, **1994**, 43, 212	8.4	1
16	The Development of Phylogenetic Concepts in Hennig's Early Theoretical Publications (1947-1966). *Systematic Biology*, **1994**, 43, 212-221	8.4	24

15	The Insects of Australia: A Textbook for Students and Research Workers, 2nd Edition.. *Systematic Biology*, **1993**, 42, 588	8.4	3
14	Suggestions for a more precise usage of proper names of taxa Ambiguities related to the stem lineage concept. *Journal of Zoological Systematics and Evolutionary Research*, **1992**, 30, 81-88	1.9	9
13	HENNIG86 and PAUP are reliable. *Journal of Zoological Systematics and Evolutionary Research*, **1992**, 30, 239-243	1.9	2
12	Homoplasy Slope Ratio: A Better Measurement of Observed Homoplasy in Cladistic Analyses. *Systematic Zoology*, **1991**, 40, 74		42
11	Homoplasy Slope Ratio: A Better Measurement of Observed Homoplasy in Cladistic Analyses. *Systematic Biology*, **1991**, 40, 74-88	8.4	6
10	A Test and Review of the Empirical Performance of the Ontogenetic Criterion		4
9	MinION sequencing of seafood in Singapore reveals creatively labelled flatfishes, confused roe, pig DNA in squid balls, and phantom crustaceans		1
8	Mangroves are an overlooked hotspot of insect diversity despite low plant diversity		1
7	A MinION-based pipeline for fast and cost-effective DNA barcoding		3
6	Mini-barcodes are equally useful for species identification and more suitable for large-scale species discovery in Metazoa than full-length barcodes		3
5	Rapid, large-scale species discovery in hyperdiverse taxa using 1D MinION sequencing		5
4	MinION barcodes: biodiversity discovery and identification by everyone, for everyone		9
3	Large-scale Integrative Taxonomy (LIT): resolving the data conundrum for dark taxa		6
2	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
1	DiversityScanner: Robotic discovery of small invertebrates with machine learning methods		2