

# Vincent Savolainen

## List of Publications by Citations

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157  
papers

17,734  
citations

64  
h-index

132  
g-index

171  
ext. papers

19,740  
ext. citations

6.2  
avg, IF

6.26  
L-index

#	Paper	IF	Citations
157	A DNA barcode for land plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 12794-7	11.5	1667
156	Evolution of the angiosperms: calibrating the family tree. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2001</b> , 268, 2211-20	4.4	1183
155	Angiosperm phylogeny inferred from 18S rDNA, rbcL, and atpB sequences. <i>Botanical Journal of the Linnean Society</i> , <b>2000</b> , 133, 381-461	2.2	763
154	The earliest angiosperms: evidence from mitochondrial, plastid and nuclear genomes. <i>Nature</i> , <b>1999</b> , 402, 404-7	50.4	687
153	Preserving the evolutionary potential of floras in biodiversity hotspots. <i>Nature</i> , <b>2007</b> , 445, 757-60	50.4	637
152	DNA barcoding the floras of biodiversity hotspots. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 2923-8	11.5	608
151	Darwin's abominable mystery: Insights from a supertree of the angiosperms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 1904-9	11.5	489
150	Sympatric speciation in palms on an oceanic island. <i>Nature</i> , <b>2006</b> , 441, 210-3	50.4	467
149	Phylogenetics of flowering plants based on combined analysis of plastid atpB and rbcL gene sequences. <i>Systematic Biology</i> , <b>2000</b> , 49, 306-62	8.4	456
148	Molecular phylogenetics of Caryophyllales based on nuclear 18S rDNA and plastid rbcL, atpB, and matK DNA sequences. <i>American Journal of Botany</i> , <b>2002</b> , 89, 132-44	2.7	418
147	Towards writing the encyclopedia of life: an introduction to DNA barcoding. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2005</b> , 360, 1805-11	5.8	372
146	Land plants and DNA barcodes: short-term and long-term goals. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2005</b> , 360, 1889-95	5.8	363
145	Angiosperm phylogeny based on matK sequence information. <i>American Journal of Botany</i> , <b>2003</b> , 90, 1758-76		348
144	Temporal patterns of nucleotide misincorporations and DNA fragmentation in ancient DNA. <i>PLoS ONE</i> , <b>2012</b> , 7, e34131	3.7	325
143	Phylogeny of the Eudicots: A Nearly Complete Familial Analysis Based on rbcL Gene Sequences. <i>Kew Bulletin</i> , <b>2000</b> , 55, 257	0.5	279
142	Oligocene CO <sub>2</sub> decline promoted C <sub>4</sub> photosynthesis in grasses. <i>Current Biology</i> , <b>2008</b> , 18, 37-43	6.3	268
141	Molecular systematics, GISH and the origin of hybrid taxa in <i>Nicotiana</i> (Solanaceae). <i>Annals of Botany</i> , <b>2003</b> , 92, 107-27	4.1	236

140	An extreme case of plant-insect codiversification: figs and fig-pollinating wasps. <i>Systematic Biology</i> , <b>2012</b> , 61, 1029-47	8.4	232
139	Rate heterogeneity among lineages of tracheophytes: integration of molecular and fossil data and evidence for molecular living fossils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 4430-5	11.5	207
138	Angiosperm phylogeny inferred from 18S rDNA, rbcL, and atpB sequences. <i>Botanical Journal of the Linnean Society</i> , <b>2000</b> , 133, 381-461	2.2	206
137	Large multi-gene phylogenetic trees of the grasses (Poaceae): progress towards complete tribal and generic level sampling. <i>Molecular Phylogenetics and Evolution</i> , <b>2008</b> , 47, 488-505	4.1	194
136	Phylogeny of Basal Angiosperms: Analyses of Five Genes from Three Genomes. <i>International Journal of Plant Sciences</i> , <b>2000</b> , 161, S3-S27	2.6	180
135	Contrasted patterns of hyperdiversification in Mediterranean hotspots. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 221-5	11.5	175
134	Inferring complex phylogenies using parsimony: an empirical approach using three large DNA data sets for angiosperms. <i>Systematic Biology</i> , <b>1998</b> , 47, 32-42	8.4	173
133	Origin and diversification of the Greater Cape flora: ancient species repository, hot-bed of recent radiation, or both?. <i>Molecular Phylogenetics and Evolution</i> , <b>2009</b> , 51, 44-53	4.1	168
132	Environmental energy and evolutionary rates in flowering plants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2004</b> , 271, 2195-200	4.4	168
131	Complete generic-level phylogenetic analyses of palms (Arecaceae) with comparisons of supertree and supermatrix approaches. <i>Systematic Biology</i> , <b>2009</b> , 58, 240-56	8.4	164
130	Unparalleled rates of species diversification in Europe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2010</b> , 277, 1489-96	4.4	162
129	60 million years of co-divergence in the fig-wasp symbiosis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2005</b> , 272, 2593-9	4.4	162
128	Next-generation museomics disentangles one of the largest primate radiations. <i>Systematic Biology</i> , <b>2013</b> , 62, 539-54	8.4	161
127	C4 Photosynthesis evolved in grasses via parallel adaptive genetic changes. <i>Current Biology</i> , <b>2007</b> , 17, 1241-7	6.3	159
126	Genome-scale data, angiosperm relationships, and "ending incongruence": a cautionary tale in phylogenetics. <i>Trends in Plant Science</i> , <b>2004</b> , 9, 477-83	13.1	159
125	Biogeography of the grasses (Poaceae): a phylogenetic approach to reveal evolutionary history in geographical space and geological time. <i>Botanical Journal of the Linnean Society</i> , <b>2010</b> , 162, 543-557	2.2	158
124	Speciation with gene flow on Lord Howe Island. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 13188-93	11.5	158
123	Causes of plant diversification in the Cape biodiversity hotspot of South Africa. <i>Systematic Biology</i> , <b>2011</b> , 60, 343-57	8.4	158

122	Evolutionary rates and species diversity in flowering plants. <i>Evolution; International Journal of Organic Evolution</i> , <b>2001</b> , 55, 677-83	3.8	157
121	Using functional traits and phylogenetic trees to examine the assembly of tropical tree communities. <i>Journal of Ecology</i> , <b>2012</b> , 100, 690-701	6	156
120	Phylogenies reveal predictive power of traditional medicine in bioprospecting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 15835-40	11.5	156
119	Phylogenetic Analyses of Basal Angiosperms Based on Nine Plastid, Mitochondrial, and Nuclear Genes. <i>International Journal of Plant Sciences</i> , <b>2005</b> , 166, 815-842	2.6	150
118	The effects of above- and belowground mutualisms on orchid speciation and coexistence. <i>American Naturalist</i> , <b>2011</b> , 177, E54-68	3.7	149
117	The complex history of the olive tree: from Late Quaternary diversification of Mediterranean lineages to primary domestication in the northern Levant. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2013</b> , 280, 20122833	4.4	144
116	300,000 species to identify: problems, progress, and prospects in DNA barcoding of land plants. <i>Taxon</i> , <b>2006</b> , 55, 611-616	0.8	112
115	Broad-scale amplification of matK for DNA barcoding plants, a technical note. <i>Botanical Journal of the Linnean Society</i> , <b>2010</b> , 164, 1-9	2.2	110
114	Systematics and evolution of tribe Sinningieae (Gesneriaceae): evidence from phylogenetic analyses of six plastid DNA regions and nuclear ncpGS. <i>American Journal of Botany</i> , <b>2003</b> , 90, 445-60	2.7	110
113	Radiation in the Cape flora and the phylogeny of peacock irises <i>Moraea</i> (Iridaceae) based on four plastid DNA regions. <i>Molecular Phylogenetics and Evolution</i> , <b>2002</b> , 25, 341-60	4.1	109
112	Testing Darwin's naturalization hypothesis in the Azores. <i>Ecology Letters</i> , <b>2011</b> , 14, 389-96	10	104
111	The use of herbarium specimens in DNA phylogenetics: Evaluation and improvement. <i>Plant Systematics and Evolution</i> , <b>1995</b> , 197, 87-98	1.3	99
110	Phylogeny and evolution of basils and allies (Ocimeae, Labiatae) based on three plastid DNA regions. <i>Molecular Phylogenetics and Evolution</i> , <b>2004</b> , 31, 277-99	4.1	96
109	Nectar Sugar Composition in Relation to Pollination Syndromes in Sinningieae (Gesneriaceae). <i>Annals of Botany</i> , <b>2001</b> , 87, 267-273	4.1	94
108	The mahogany family "out-of-Africa": divergence time estimation, global biogeographic patterns inferred from plastid rbcL DNA sequences, extant, and fossil distribution of diversity. <i>Molecular Phylogenetics and Evolution</i> , <b>2006</b> , 40, 236-50	4.1	92
107	Genomic profiling of plastid DNA variation in the Mediterranean olive tree. <i>BMC Plant Biology</i> , <b>2011</b> , 11, 80	5.3	86
106	The origins and diversification of C4 grasses and savanna-adapted ungulates. <i>Global Change Biology</i> , <b>2009</b> , 15, 2397-2417	11.4	86
105	The use of phylogeny to interpret cross-cultural patterns in plant use and guide medicinal plant discovery: an example from <i>Pterocarpus</i> (Leguminosae). <i>PLoS ONE</i> , <b>2011</b> , 6, e22275	3.7	85

104	A rapid diversification of rainforest trees (Gutteria; Annonaceae) following dispersal from Central into South America. <i>Molecular Phylogenetics and Evolution</i> , <b>2007</b> , 44, 399-411	4.1	84
103	Extinction risk and diversification are linked in a plant biodiversity hotspot. <i>PLoS Biology</i> , <b>2011</b> , 9, e1000620	9.7	83
102	Diversification of land plants: insights from a family-level phylogenetic analysis. <i>BMC Evolutionary Biology</i> , <b>2011</b> , 11, 341	3	82
101	Building supertrees: an empirical assessment using the grass family (Poaceae). <i>Systematic Biology</i> , <b>2002</b> , 51, 136-50	8.4	82
100	Iridaceae 'Out of Australasia'? Phylogeny, Biogeography, and Divergence Time Based on Plastid DNA Sequences. <i>Systematic Botany</i> , <b>2008</b> , 33, 495-508	0.7	77
99	Phylogeny of the Celastraceae inferred from 26S nuclear ribosomal DNA, phytochrome B, rbcL, atpB, and morphology. <i>Molecular Phylogenetics and Evolution</i> , <b>2001</b> , 19, 353-66	4.1	77
98	Flower colours along an alpine altitude gradient, seen through the eyes of fly and bee pollinators. <i>Arthropod-Plant Interactions</i> , <b>2009</b> , 3, 27-43	2.2	75
97	Phylogenetic relationships among arecoid palms (Arecaceae: Arecoideae). <i>Annals of Botany</i> , <b>2011</b> , 108, 1417-32	4.1	73
96	Molecular phylogeny of families related to Celastrales based on rbcL 5' flanking sequences. <i>Molecular Phylogenetics and Evolution</i> , <b>1994</b> , 3, 27-37	4.1	73
95	A decade of progress in plant molecular phylogenetics. <i>Trends in Genetics</i> , <b>2003</b> , 19, 717-24	8.5	69
94	The geographical pattern of speciation and floral diversification in the neotropics: the tribe sinningieae (gesneriaceae) as a case study. <i>Evolution; International Journal of Organic Evolution</i> , <b>2007</b> , 61, 1641-60	3.8	65
93	FReD: the floral reflectance database--a web portal for analyses of flower colour. <i>PLoS ONE</i> , <b>2010</b> , 5, e14287	3.7	64
92	Assessing internal support with large phylogenetic DNA matrices. <i>Molecular Phylogenetics and Evolution</i> , <b>2003</b> , 27, 528-39	4.1	61
91	DNA barcoding of a large genus, <i>Aspalathus</i> L. (Fabaceae). <i>Taxon</i> , <b>2008</b> , 57, 1317-4E	0.8	60
90	Phylogeny of the Celastraceae inferred from phytochrome B gene sequence and morphology. <i>American Journal of Botany</i> , <b>2001</b> , 88, 313-325	2.7	59
89	Higher-level classification in the angiosperms: new insights from the perspective of DNA sequence data. <i>Taxon</i> , <b>2000</b> , 49, 685-704	0.8	59
88	The evolution of traditional knowledge: environment shapes medicinal plant use in Nepal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20132768	4.4	56
87	Apomixis and reticulate evolution in the <i>Asplenium monanthes</i> fern complex. <i>Annals of Botany</i> , <b>2012</b> , 110, 1515-29	4.1	55

86	Cross-cultural comparison of three medicinal floras and implications for bioprospecting strategies. <i>Journal of Ethnopharmacology</i> , <b>2011</b> , 135, 476-87	5	55
85	Biogeography of Sulawesian shrews: testing for their origin with a parametric bootstrap on molecular data. <i>Molecular Phylogenetics and Evolution</i> , <b>1998</b> , 9, 567-71	4.1	52
84	NEUTRAL THEORY, PHYLOGENIES, AND THE RELATIONSHIP BETWEEN PHENOTYPIC CHANGE AND EVOLUTIONARY RATES. <i>Evolution; International Journal of Organic Evolution</i> , <b>2006</b> , 60, 476-483	3.8	50
83	Phylogenetic selection of Narcissus species for drug discovery. <i>Biochemical Systematics and Ecology</i> , <b>2008</b> , 36, 417-422	1.4	48
82	Teasing Apart Molecular- Versus Fossil-based Error Estimates when Dating Phylogenetic Trees: A Case Study in the Birch Family (Betulaceae). <i>Systematic Botany</i> , <b>2005</b> , 30, 118-133	0.7	47
81	Viviparity stimulates diversification in an order of fish. <i>Nature Communications</i> , <b>2016</b> , 7, 11271	17.4	47
80	Development of a complex floral trait: The pollinator-attracting petal spots of the beetle daisy, <i>Gorteria diffusa</i> (Asteraceae). <i>American Journal of Botany</i> , <b>2009</b> , 96, 2184-96	2.7	45
79	Using fossils and molecular data to reveal the origins of the Cape proteas (subfamily Proteoideae). <i>Molecular Phylogenetics and Evolution</i> , <b>2009</b> , 51, 31-43	4.1	45
78	Convergent evolution of floral signals underlies the success of Neotropical orchids. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2013</b> , 280, 20130960	4.4	43
77	Environment, area, and diversification in the species-rich flowering plant family Iridaceae. <i>American Naturalist</i> , <b>2005</b> , 166, 418-25	3.7	40
76	Behavior and season affect crayfish detection and density inference using environmental DNA. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 7777-7785	2.8	38
75	Support for an expanded family concept of Malvaceae within a recircumscribed order Malvales: a combined analysis of plastid atpB and rbcL DNA sequences. <i>Botanical Journal of the Linnean Society</i> , <b>1999</b> , 129, 267-303	2.2	38
74	Dissecting the plant-insect diversity relationship in the Cape. <i>Molecular Phylogenetics and Evolution</i> , <b>2009</b> , 51, 94-9	4.1	37
73	Environmental causes for plant biodiversity gradients. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2004</b> , 359, 1645-56	5.8	37
72	Polyphyletism of Celastrales deduced from a chloroplast noncoding DNA region. <i>Molecular Phylogenetics and Evolution</i> , <b>1997</b> , 7, 145-57	4.1	36
71	The Genome of the "Great Speciator" Provides Insights into Bird Diversification. <i>Genome Biology and Evolution</i> , <b>2015</b> , 7, 2680-91	3.9	34
70	Phylogeny, biogeography, and ecology of <i>Ficus</i> section Malvanthera (Moraceae). <i>Molecular Phylogenetics and Evolution</i> , <b>2008</b> , 48, 12-22	4.1	34
69	Evidence of recent and continuous speciation in a biodiversity hotspot: a population genetic approach in southern African gladioli ( <i>Gladiolus</i> ; Iridaceae). <i>Molecular Ecology</i> , <b>2010</b> , 19, 4765-82	5.7	33

68	Evaluation of genetic isolation within an island flora reveals unusually widespread local adaptation and supports sympatric speciation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 369,	5.8	32
67	Comparative phylogeography in rainforest trees from Lower Guinea, Africa. <i>PLoS ONE</i> , <b>2014</b> , 9, e84307	3.7	32
66	Correlates of hyperdiversity in southern African ice plants (Aizoaceae). <i>Botanical Journal of the Linnean Society</i> , <b>2014</b> , 174, 110-129	2.2	31
65	Explaining disparities in species richness between Mediterranean floristic regions: a case study in <i>Gladiolus</i> (Iridaceae). <i>Global Ecology and Biogeography</i> , <b>2011</b> , 20, 881-892	6.1	31
64	Systematic Position of the Anomalous Genus <i>Cadia</i> and the Phylogeny of the Tribe Podalyrieae (Fabaceae). <i>Systematic Botany</i> , <b>2008</b> , 33, 133-147	0.7	31
63	Biogeographical and phylogenetic origins of African fig species ( <i>Ficus</i> section Galoglychia). <i>Molecular Phylogenetics and Evolution</i> , <b>2007</b> , 43, 190-201	4.1	31
62	Arbuscular mycorrhizal fungi promote coexistence and niche divergence of sympatric palm species on a remote oceanic island. <i>New Phytologist</i> , <b>2018</b> , 217, 1254-1266	9.8	29
61	Towards the completion of speciation: the evolution of reproductive isolation beyond the first barriers. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2020</b> , 375, 20190528	5.8	29
60	How sympatric is speciation in the <i>Howea</i> palms of Lord Howe Island?. <i>Molecular Ecology</i> , <b>2009</b> , 18, 3629-3638	5.3	27
59	Pollinators underestimated: a molecular phylogeny reveals widespread floral convergence in oil-secreting orchids (sub-tribe Coryciinae) of the Cape of South Africa. <i>Molecular Phylogenetics and Evolution</i> , <b>2009</b> , 51, 100-10	4.1	27
58	The <i>atpB</i> and <i>rbcl</i> promoters in plastid DNAs of a wide dicot range. <i>Journal of Molecular Evolution</i> , <b>1994</b> , 38, 577-82	3.1	26
57	A comparative analysis of the mechanisms underlying speciation on Lord Howe Island. <i>Journal of Evolutionary Biology</i> , <b>2013</b> , 26, 733-45	2.3	25
56	Large herbivores favour species diversity but have mixed impacts on phylogenetic community structure in an African savanna ecosystem. <i>Journal of Ecology</i> , <b>2013</b> , 101, 614-625	6	25
55	Is cladogenesis heritable?. <i>Systematic Biology</i> , <b>2002</b> , 51, 835-43	8.4	25
54	A comparative analysis of island floras challenges taxonomy-based biogeographical models of speciation. <i>Evolution; International Journal of Organic Evolution</i> , <b>2015</b> , 69, 482-91	3.8	24
53	Towards building the tree of life: a simulation study for all angiosperm genera. <i>Systematic Biology</i> , <b>2005</b> , 54, 183-96	8.4	24
52	Chloroplast DNA variation and parentage analysis in 55 apples. <i>Theoretical and Applied Genetics</i> , <b>1995</b> , 90, 1138-41	6	21
51	Genome size expansion and the relationship between nuclear DNA content and spore size in the <i>Asplenium monanthes</i> fern complex (Aspleniaceae). <i>BMC Plant Biology</i> , <b>2013</b> , 13, 219	5.3	20

50	EVOLUTIONARY RATES AND SPECIES DIVERSITY IN FLOWERING PLANTS. <i>Evolution; International Journal of Organic Evolution</i> , <b>2007</b> , 55, 677-683	3.8	20
49	Ecological speciation in sympatric palms: 2. Pre- and post-zygotic isolation. <i>Journal of Evolutionary Biology</i> , <b>2016</b> , 29, 2143-2156	2.3	19
48	Pollinator behaviour and plant speciation: can assortative mating and disruptive selection maintain distinct floral morphs in sympatry?. <i>New Phytologist</i> , <b>2010</b> , 188, 426-36	9.8	19
47	Ecological speciation in sympatric palms: 1. Gene expression, selection and pleiotropy. <i>Journal of Evolutionary Biology</i> , <b>2016</b> , 29, 1472-87	2.3	19
46	A phylogenetic approach towards understanding the drivers of plant invasiveness on Robben Island, South Africa. <i>Botanical Journal of the Linnean Society</i> , <b>2013</b> , 172, 142-152	2.2	16
45	Rate of gene sequence evolution and species diversification in flowering plants: a reevaluation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>1998</b> , 265, 603-607	4.4	16
44	A phylogenetic analysis of the British flora sheds light on the evolutionary and ecological factors driving plant invasions. <i>Ecology and Evolution</i> , <b>2014</b> , 4, 4258-69	2.8	15
43	A plea for DNA banking. <i>Science</i> , <b>2004</b> , 304, 1445	33.3	15
42	Phylogeny reconstruction and functional constraints in organellar genomes: plastid atpB and rbcL sequences versus animal mitochondrion. <i>Systematic Biology</i> , <b>2002</b> , 51, 638-47	8.4	15
41	Effects of ingested phytoecdysteroids in the female soft tick <i>Ornithodoros moubata</i> . <i>Experientia</i> , <b>1995</b> , 51, 596-600		15
40	Meta-analysis shows that environmental DNA outperforms traditional surveys, but warrants better reporting standards. <i>Ecology and Evolution</i> , <b>2021</b> , 11, 4803-4815	2.8	15
39	Consistent phenological shifts in the making of a biodiversity hotspot: the Cape flora. <i>BMC Evolutionary Biology</i> , <b>2011</b> , 11, 39	3	14
38	Phylogenetic relationships of <i>Biebersteinia Stephan</i> (Geraniaceae) inferred from rbcL and atpB sequence comparisons. <i>Botanical Journal of the Linnean Society</i> , <b>1998</b> , 127, 149-158	2.2	13
37	Joining forces in Ochnaceae phylogenomics: a tale of two targeted sequencing probe kits. <i>American Journal of Botany</i> , <b>2021</b> , 108, 1201-1216	2.7	12
36	Evidence of positive selection associated with placental loss in tiger sharks. <i>BMC Evolutionary Biology</i> , <b>2016</b> , 16, 126	3	12
35	Sympatric plant speciation in islands? (Reply). <i>Nature</i> , <b>2006</b> , 443, E12-E13	50.4	11
34	Advances in metabarcoding techniques bring us closer to reliable monitoring of the marine benthos. <i>Journal of Applied Ecology</i> , <b>2020</b> , 57, 2234-2245	5.8	11
33	Phylotranscriptomic Insights into the Diversification of Endothermic <i>Thunnus Tunas</i> . <i>Molecular Biology and Evolution</i> , <b>2019</b> , 36, 84-96	8.3	11



32	Speciation in <i>Howea</i> Palms Occurred in Sympatry, Was Preceded by Ancestral Admixture, and Was Associated with Edaphic and Phenological Adaptation. <i>Molecular Biology and Evolution</i> , <b>2019</b> , 36, 2682-2697	8.3	10
31	Ecological speciation in sympatric palms: 4. Demographic analyses support speciation of <i>Howea</i> in the face of high gene flow. <i>Evolution; International Journal of Organic Evolution</i> , <b>2019</b> , 73, 1996-2002	3.8	10
30	A phylogenetic study of <i>Pimelea</i> and <i>Thecanthes</i> (Thymelaeaceae): evidence from plastid and nuclear ribosomal DNA sequence data. <i>Australian Systematic Botany</i> , <b>2010</b> , 23, 270	1	10
29	The genetic basis and evolution of red blood cell sickling in deer. <i>Nature Ecology and Evolution</i> , <b>2018</b> , 2, 367-376	12.3	9
28	Do global diversity patterns of vertebrates reflect those of monocots?. <i>PLoS ONE</i> , <b>2013</b> , 8, e56979	3.7	9
27	Understanding the origins and evolution of the world's biodiversity hotspots: the biota of the African 'Cape Floristic Region' as a case study. <i>Molecular Phylogenetics and Evolution</i> , <b>2009</b> , 51, 1-4	4.1	8
26	Substitutions in the Glycogenin-1 Gene Are Associated with the Evolution of Endothermy in Sharks and Tunas. <i>Genome Biology and Evolution</i> , <b>2016</b> , 8, 3011-3021	3.9	8
25	Ecological speciation in sympatric palms: 3. Genetic map reveals genomic islands underlying species divergence in <i>Howea</i> . <i>Evolution; International Journal of Organic Evolution</i> , <b>2019</b> , 73, 1986-1995	3.8	6
24	A comparative analysis of the factors promoting deer invasion. <i>Biological Invasions</i> , <b>2012</b> , 14, 2271-2281	2.7	6
23	Systems thinking creates opportunities for a circular economy and sustainable palm agriculture in Africa. <i>Current Research in Environmental Sustainability</i> , <b>2020</b> , 1, 31-34	5	6
22	Phylogeny of the Celastraceae inferred from phytochrome B gene sequence and morphology. <i>American Journal of Botany</i> , <b>2001</b> , 88, 313-25	2.7	6
21	Ecology rather than people restrict gene flow in Okavango-Kalahari lions. <i>Animal Conservation</i> , <b>2020</b> , 23, 502-515	3.2	5
20	A reassessment of <i>Hemizygia</i> and <i>Syncolostemon</i> (Ocimeae/Flamiaceae). <i>Taxon</i> , <b>2006</b> , 55, 941-958	0.8	5
19	Complete mitochondrial genome of the gray reef shark, (Carcharhiniformes: Carcharhinidae). <i>Mitochondrial DNA Part B: Resources</i> , <b>2020</b> , 5, 2080-2082	0.5	5
18	Sympatric speciation in mountain roses () on an oceanic island. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2020</b> , 375, 20190542	5.8	5
17	The orchid flora of Cocos Island National Park, Puntarenas, Costa Rica. <i>Botanical Journal of the Linnean Society</i> , <b>2011</b> , 166, 20-39	2.2	4
16	Conservation genetics of native and European-introduced Chinese water deer ( <i>Hydropotes inermis</i> ). <i>Zoological Journal of the Linnean Society</i> , <b>2021</b> , 191, 1181-1191	2.4	4
15	Global monocot diversification: geography explains variation in species richness better than environment or biology. <i>Botanical Journal of the Linnean Society</i> , <b>2016</b> ,	2.2	3

14	Simple phylogenetic tree searches easily succeed with large matrices of single genes. <i>Taxon</i> , <b>2006</b> , 55, 573-578	0.8	3
13	Fig wasp mutualism: the fall of the strict cospeciation paradigm? 68-102		3
12	Mitochondrial genome of the Silvertip shark, from the British Indian Ocean Territory. <i>Mitochondrial DNA Part B: Resources</i> , <b>2020</b> , 5, 2085-2086	0.5	3
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