Alexandre Antonelli

List of Publications by Year
in descending order

207	14,821	38660 50	27345 106
papers	citations	h-index	g-index

253	253	253	14793
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Amazonia Through Time: Andean Uplift, Climate Change, Landscape Evolution, and Biodiversity. Science, 2010, 330, 927-931.	6.0	1,826
2	Tracing the impact of the Andean uplift on Neotropical plant evolution. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9749-9754.	3.3	550
3	<scp>CoordinateCleaner</scp>: Standardized cleaning of occurrence records from biological collection databases. Methods in Ecology and Evolution, 2019, 10, 744-751.	2.2	473
4	Biological evidence supports an early and complex emergence of the Isthmus of Panama. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6110-6115.	3.3	460
5	Why are there so many plant species in the Neotropics?. Taxon, 2011, 60, 403-414.	0.4	438
6	Building mountain biodiversity: Geological and evolutionary processes. Science, 2019, 365, 1114-1119.	6.0	415
7	raxmlGUI 2.0: A graphical interface and toolkit for phylogenetic analyses using RAxML. Methods in Ecology and Evolution, 2021, 12, 373-377.	2.2	394
8	Geological and climatic influences on mountain biodiversity. Nature Geoscience, 2018, 11, 718-725.	5.4	390
9	Amazonia is the primary source of Neotropical biodiversity. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6034-6039.	3.3	352
10	The abiotic and biotic drivers of rapid diversification in <scp>A</scp>ndean bellflowers (Campanulaceae). New Phytologist, 2016, 210, 1430-1442.	3.5	325
11	Ten golden rules for reforestation to optimize carbon sequestration, biodiversity recovery and livelihood benefits. Global Change Biology, 2021, 27, 1328-1348.	4.2	306
12	Estimating species diversity and distribution in the era of <scp>B</scp>ig <scp>D</scp>ata: to what extent can we trust public databases?. Global Ecology and Biogeography, 2015, 24, 973-984.	2.7	281
13	Evolution of multicellularity coincided with increased diversification of cyanobacteria and the Great Oxidation Event. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1791-1796.	3.3	273
14	Neotropical Plant Evolution: Assembling the Big Picture. Botanical Journal of the Linnean Society, 2013, 171, 1-18.	0.8	251
15	Extinction risk and threats to plants and fungi. Plants People Planet, 2020, 2, 389-408.	1.6	242
16	The origin of multicellularity in cyanobacteria. BMC Evolutionary Biology, 2011, 11, 45.	3.2	237
17	Why mountains matter for biodiversity. Journal of Biogeography, 2020, 47, 315-325.	1.4	200
18	Biodiversity from mountain building. Nature Geoscience, 2013, 6, 154-154.	5.4	195

#	Article	IF	Citations
19	<scp>PHYLACINE</scp> 1.2: The Phylogenetic Atlas of Mammal Macroecology. Ecology, 2018, 99, 2626-2626.	1.5	186
20	A network approach for identifying and delimiting biogeographical regions. Nature Communications, 2015, 6, 6848.	5.8	183
21	Recent origin and rapid speciation of Neotropical orchids in the world's richest plant biodiversity hotspot. New Phytologist, 2017, 215, 891-905.	3.5	170
22	Bayesian Estimation of Speciation and Extinction from Incomplete Fossil Occurrence Data. Systematic Biology, 2014, 63, 349-367.	2.7	157
23	The role of clade competition in the diversification of North American canids. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8684-8689.	3.3	148
24	Unlocking plant resources to support food security and promote sustainable agriculture. Plants People Planet, 2020, 2, 421-445.	1.6	130
25	Revisiting the origin and diversification of vascular plants through a comprehensive Bayesian analysis of the fossil record. New Phytologist, 2015, 207, 425-436.	3.5	128
26	Improving ITS sequence data for identification of plant pathogenic fungi. Fungal Diversity, 2014, 67, 11-19.	4.7	123
27	Embracing heterogeneity: coalescing the Tree of Life and the future of phylogenomics. PeerJ, 2019, 7, e6399.	0.9	111
28	The discovery of the Amazonian tree flora with an updated checklist of all known tree taxa. Scientific Reports, 2016, 6, 29549.	1.6	107
29	Conceptual and empirical advances in Neotropical biodiversity research. PeerJ, 2018, 6, e5644.	0.9	107
30	Reassessing the temporal evolution of orchids with new fossils and a Bayesian relaxed clock, with implications for the diversification of the rare South American genus Hoffmannseggella(Orchidaceae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.3	100
31	Mass Extinction, Gradual Cooling, or Rapid Radiation? Reconstructing the Spatiotemporal Evolution of the Ancient Angiosperm Genus Hedyosmum (Chloranthaceae) Using Empirical and Simulated Approaches. Systematic Biology, 2011, 60, 596-615.	2.7	99
32	Climate cooling promoted the expansion and radiation of a threatened group of South American orchids (Epidendroideae: Laeliinae). Biological Journal of the Linnean Society, 0, 100, 597-607.	0.7	93
33	Environmentally driven extinction and opportunistic origination explain fern diversification patterns. Scientific Reports, 2017, 7, 4831.	1.6	92
34	The past and future human impact on mammalian diversity. Science Advances, 2020, 6, .	4.7	91
35	Comment (1) on â€œFormation of the Isthmus of Panamaâ€•by Oâ€™Dea et al .. Science Advances, 2017, 3, e1602321.	4.7	88
36	A taxonomic, genetic and ecological data resource for the vascular plants of Britain and Ireland. Scientific Data, 2022, 9, 1.	2.4	86

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37	Estimating the age of fire in the Cape flora of South Africa from an orchid phylogeny. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 188-195.	1.2	85
38	Infomap Bioregions: Interactive Mapping of Biogeographical Regions from Species Distributions. Systematic Biology, 2017, 66, syw087.	2.7	84
39	Vicariance or long-distance dispersal: historical biogeography of the pantropical subfamily Chrysophylloideae (Sapotaceae). Journal of Biogeography, 2011, 38, 177-190.	1.4	82
40	The Global Museum: natural history collections and the future of evolutionary science and public education. PeerJ, 2020, 8, e8225.	0.9	81
41	The rise of angiosperms pushed conifers to decline during global cooling. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28867-28875.	3.3	79
42	An engine for global plant diversity: highest evolutionary turnover and emigration in the American tropics. Frontiers in Genetics, 2015, 6, 130.	1.1	77
43	A Guide to Carrying Out a Phylogenomic Target Sequence Capture Project. Frontiers in Genetics, 2019, 10, 1407.	1.1	76
44	Allele Phasing Greatly Improves the Phylogenetic Utility of Ultraconserved Elements. Systematic Biology, 2019, 68, 32-46.	2.7	74
45	No one-size-fits-all solution to clean GBIF. PeerJ, 2020, 8, e9916.	0.9	73
46	The Impact of Mutualisms on Species Richness. Trends in Ecology and Evolution, 2019, 34, 698-711.	4.2	71
47	Improved estimation of macroevolutionary rates from fossil data using a Bayesian framework. Paleobiology, 2019, 45, 546-570.	1.3	70
48	The Andes through time: evolution and distribution of Andean floras. Trends in Plant Science, 2022, 27, 364-378.	4.3	67
49	Higher level phylogeny and evolutionary trends in Campanulaceae subfam. Lobelioideae: Molecular signal overshadows morphology. Molecular Phylogenetics and Evolution, 2008, 46, 1-18.	1.2	66
50	Biogeography: Drivers of bioregionalization. Nature Ecology and Evolution, 2017, 1, 114.	3.4	66
51	Patterns, biases and prospects in the distribution and diversity of Neotropical snakes. Global Ecology and Biogeography, 2018, 27, 14-21.	2.7	63
52	sampbias, a method for quantifying geographic sampling biases in species distribution data. Ecography, 2021, 44, 25-32.	2.1	63
53	Fossil data support a pre-Cretaceous origin of flowering plants. Nature Ecology and Evolution, 2021, 5, 449-457.	3.4	59
54	SpeciesGeoCoder: Fast Categorization of Species Occurrences for Analyses of Biodiversity, Biogeography, Ecology, and Evolution. Systematic Biology, 2017, 66, syw064.	2.7	58

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55	Environmental impact assessment in Brazilian Amazonia: Challenges and prospects to assess biodiversity. Biological Conservation, 2017, 206, 161-168.	1.9	58
56	Quaternary glaciation and the Great American Biotic Interchange. Geology, 2016, 44, 375-378.	2.0	57
57	Widespread homogenization of plant communities in the Anthropocene. Nature Communications, 2021, 12, 6983.	5.8	57
58	Chilean Pitavia more closely related to Oceania and Old World Rutaceae than to Neotropical groups: evidence from two cpDNA non-coding regions, withÂaÂnew subfamilial classification of the family. PhytoKeys, 2012, 19, 9-29.	0.4	56
59	Endemism patterns are scale dependent. Nature Communications, 2020, 11, 2115.	5.8	56
60	Towards a dynamic list of Amazonian tree species. Scientific Reports, 2019, 9, 3501.	1.6	54
61	SECAPRâ€"a bioinformatics pipeline for the rapid and user-friendly processing of targeted enriched Illumina sequences, from raw reads to alignments. PeerJ, 2018, 6, e5175.	0.9	52
62	Past Climate Change and Plant Evolution in Western North America: A Case Study in Rosaceae. PLoS ONE, 2012, 7, e50358.	1.1	51
63	Fossil biogeography: a new model to infer dispersal, extinction and sampling from palaeontological data. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150225.	1.8	51
64	Early Arrival and Climatically-Linked Geographic Expansion of New World Monkeys from Tiny African Ancestors. Systematic Biology, 2019, 68, 78-92.	2.7	50
65	The impact of early Quaternary climate change on the diversification and population dynamics of a South American cactus species. Journal of Biogeography, 2018, 45, 76-88.	1.4	49
66	Make EU trade with Brazil sustainable. Science, 2019, 364, 341-341.	6.0	49
67	Multiple origins of mountain life. Nature, 2015, 524, 300-301.	13.7	47
68	Human activity is altering the worldâ€™s zoogeographical regions. Ecology Letters, 2019, 22, 1297-1305.	3.0	47
69	Toward Unifying Global Hotspots of Wild and Domesticated Biodiversity. Plants, 2020, 9, 1128.	1.6	47
70	Evolutionary persistence inGunneraand the contribution of southern plant groups to the tropical Andes biodiversity hotspot. PeerJ, 2018, 6, e4388.	0.9	47
71	Have giant lobelias evolved several times independently? Life form shifts and historical biogeography of the cosmopolitan and highly diverse subfamily Lobelioideae (Campanulaceae). BMC Biology, 2009, 7, 82.	1.7	46
72	Tectonic blocks and molecular clocks. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20160098.	1.8	46

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73	Tradeâ€off between seed dispersal in space and time. Ecology Letters, 2020, 23, 1635-1642.	3.0	46
74	The Origin and Diversification of the Hyperdiverse Flora in the ChocÃ³ Biogeographic Region. Frontiers in Plant Science, 2019, 10, 1328.	1.7	45
75	What determines biogeographical ranges? Historical wanderings and ecological constraints in the danthonioid grasses. Journal of Biogeography, 2013, 40, 821-834.	1.4	43
76	Toward a Self-Updating Platform for Estimating Rates of Speciation and Migration, Ages, and Relationships of Taxa. Systematic Biology, 2017, 66, syw066.	2.7	42
77	An introduction to plant phylogenomics with a focus on palms. Botanical Journal of the Linnean Society, 2016, 182, 234-255.	0.8	42
78	The Global Soil Mycobiome consortium dataset for boosting fungal diversity research. Fungal Diversity, 2021, 111, 573-588.	4.7	42
79	Disproportionate extinction of South American mammals drove the asymmetry of the Great American Biotic Interchange. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26281-26287.	3.3	41
80	Phylogeny of the Tribe Cinchoneae (Rubiaceae), Its Position in Cinchonoideae, and Description of a New Genus, Ciliosemina. Taxon, 2005, 54, 17.	0.4	39
81	Historical Biogeography of endemic seed plant genera in the Caribbean: Did <scp>GAAR</scp>landia play a role?. Ecology and Evolution, 2017, 7, 10158-10174.	0.8	39
82	Improving biodiversity protection through artificial intelligence. Nature Sustainability, 2022, 5, 415-424.	11.5	39
83	Phylogeny Predicts the Quantity of Antimalarial Alkaloids within the Iconic Yellow Cinchona Bark (Rubiaceae: Cinchona calisaya). Frontiers in Plant Science, 2017, 8, 391.	1.7	38
84	A roadmap for global synthesis of the plant tree of life. American Journal of Botany, 2018, 105, 614-622.	0.8	38
85	Plant and fungal collections: Current status, future perspectives. Plants People Planet, 2020, 2, 499-514.	1.6	38
86	Phylogeny, classification, and fruit evolution of the species-rich Neotropical bellflowers (Campanulaceae: Lobelioideae). American Journal of Botany, 2014, 101, 2097-2112.	0.8	36
87	Finding needles in the haystack: where to look for rare species in the American tropics. Ecography, 2018, 41, 321-330.	2.1	36
88	Model uncertainty in ancestral area reconstruction: A parsimonious solution?. Taxon, 2012, 61, 652-664.	0.4	35
89	Allele phasing is critical to revealing a shared allopolyploid origin of Medicago arborea and M. strasseri (Fabaceae). BMC Evolutionary Biology, 2018, 18, 9.	3.2	34
90	Museums and cradles of diversity are geographically coincident for narrowly distributed Neotropical snakes. Ecography, 2020, 43, 328-339.	2.1	34

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91	Settling a family feud: a highâ€level phylogenomic framework for the Gentianales based on 353 nuclear genes and partial plastomes. American Journal of Botany, 2021, 108, 1143-1165.	0.8	34
92	Reply to Lessios and Marko et al.: Early and progressive migration across the Isthmus of Panama is robust to missing data and biases. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5767-8.	3.3	33
93	Ancient islands acted as refugia and pumps for conifer diversity. Cladistics, 2017, 33, 69-92.	1.5	33
94	Mining threatens Colombian ecosystems. Science, 2018, 359, 1475-1475.	6.0	33
95	Biodiversity assessments in the 21st century: the potential of insect traps to complement environmental samples for estimating eukaryotic and prokaryotic diversity using high-throughput DNA metabarcoding. Genome, 2019, 62, 147-159.	0.9	33
96	Anthropogenic extinctions conceal widespread evolution of flightlessness in birds. Science Advances, 2020, 6, .	4.7	33
97	Estimating Age-Dependent Extinction: Contrasting Evidence from Fossils and Phylogenies. Systematic Biology, 2018, 67, 458-474.	2.7	32
98	Locality or habitat? Exploring predictors of biodiversity in Amazonia. Ecography, 2019, 42, 321-333.	2.1	32
99	Unlocking the properties of plants and fungi for sustainable development. Nature Plants, 2019, 5, 1100-1102.	4.7	32
100	On the Young Savannas in the Land of Ancient Forests. Fascinating Life Sciences, 2020, , 271-298.	0.5	32
101	Loss of functional diversity through anthropogenic extinctions of island birds is not offset by biotic invasions. Science Advances, 2021, 7, eabj5790.	4.7	32
102	The roles of dispersal and mass extinction in shaping palm diversity across the Caribbean. Journal of Biogeography, 2018, 45, 1432-1443.	1.4	31
103	Iriarteeae palms tracked the uplift of Andean Cordilleras. Journal of Biogeography, 2018, 45, 1653-1663.	1.4	31
104	The Peniophorella praetermissa species complex (Basidiomycota). Mycological Research, 2007, 111, 1366-1376.	2.5	30
105	Disentangling the influence of climatic and geological changes on species radiations. Journal of Biogeography, 2014, 41, 1313-1325.	1.4	30
106	Plastid phylogenomics resolves ambiguous relationships within the orchid family and provides a solid timeframe for biogeography and macroevolution. Scientific Reports, 2021, 11, 6858.	1.6	30
107	Pollination of the Lady's slipper orchid (Cypripedium calceolus) in Scandinavia â€“ taxonomic and conservational aspects. Nordic Journal of Botany, 2009, 27, 266-273.	0.2	29
108	Global variation in diversification rate and species richness are unlinked in plants. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	29

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109	Absence of mammals and the evolution of New Zealand grasses. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 695-701.	1.2	28
110	Unexpectedly High Beta-Diversity of Root-Associated Fungal Communities in the Bolivian Andes. Frontiers in Microbiology, 2016, 7, 1377.	1.5	28
111	ECOLOGY AND EVOLUTION OF THE DIASPORE â€œBURIAL SYNDROMEâ€• Evolution; International Journal of Organic Evolution, 2011, 65, 1163-1180.	1.1	27
112	Evolution of cyanobacterial morphotypes. Communicative and Integrative Biology, 2011, 4, 424-427.	0.6	27
113	Large-scale phylogenetic analysis of Amorphophallus (Araceae) derived from nuclear and plastid sequences reveals new subgeneric delineation. Botanical Journal of the Linnean Society, 2017, 184, 32-45.	0.8	27
114	The rise and fall of Neotropical biodiversity. Botanical Journal of the Linnean Society, 2022, 199, 8-24.	0.8	27
115	phylotaR: An Automated Pipeline for Retrieving Orthologous DNA Sequences from GenBank in R. Life, 2018, 8, 20.	1.1	26
116	Could coastal plants in western Amazonia be relicts of past marine incursions?. Journal of Biogeography, 2019, 46, 1749-1759.	1.4	26
117	Transitions between biomes are common and directional in Bombacoideae (Malvaceae). Journal of Biogeography, 2020, 47, 1310-1321.	1.4	26
118	Advancing biodiversity assessments with environmental DNA: Longâ€•read technologies help reveal the drivers of Amazonian fungal diversity. Ecology and Evolution, 2020, 10, 7509-7524.	0.8	26
119	Brain expansion in early hominins predicts carnivore extinctions in East Africa. Ecology Letters, 2020, 23, 537-544.	3.0	26
120	Revisiting taxonomy, morphological evolution, and fossil calibration strategies in Chloranthaceae. Journal of Systematics and Evolution, 2011, 49, 315-329.	1.6	25
121	Ancient Polyploidy and Genome Evolution in Palms. Genome Biology and Evolution, 2019, 11, 1501-1511.	1.1	25
122	A novel phylogenetic infrageneric classification of Baccharis (Asteraceae: Astereae), a highly diversified American genus. Taxon, 2019, 68, 1048-1081.	0.4	25
123	Linking democracy and biodiversity conservation: Empirical evidence and research gaps. Ambio, 2020, 49, 419-433.	2.8	25
124	International collaboration between collectionsâ€•based institutes for halting biodiversity loss and unlocking the useful properties of plants and fungi. Plants People Planet, 2020, 2, 515-534.	1.6	25
125	A novel approach to study the morphology and chemistry of pollen in a phylogenetic context, applied to the halophytic taxon Nitraria L.(Nitrariaceae). PeerJ, 2018, 6, e5055.	0.9	25
126	Endemic palm species shed light on habitat shifts and the assembly of the Cerrado and Restinga floras. Molecular Phylogenetics and Evolution, 2017, 110, 127-133.	1.2	24

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127	Evidence for mtDNA capture in the jacamar Galbula leucogastra/chalcothorax species-complex and insights on the evolution of white-sand ecosystems in the Amazon basin. Molecular Phylogenetics and Evolution, 2018, 129, 149-157.	1.2	24
128	Advanced understanding of phylogenetic relationships, morphological evolution and biogeographic history of the mega-diverse plant genus Myrcia and its relatives (Myrtaceae: Myrteae). Molecular Phylogenetics and Evolution, 2019, 138, 65-88.	1.2	24
129	Mesoamerica is a cradle and the Atlantic Forest is a museum of Neotropical butterfly diversity: insights from the evolution and biogeography of Brassolini (Lepidoptera: Nymphalidae). Biological Journal of the Linnean Society, 2021, 133, 704-724.	0.7	24
130	Origins of Biodiversityâ€"Response. Science, 2011, 331, 399-400.	6.0	23
131	Assessing the impact of phylogenetic incongruence on taxonomy, floral evolution, biogeographical history, and phylogenetic diversity. American Journal of Botany, 2015, 102, 566-580.	0.8	23
132	Soil fertility and flood regime are correlated with phylogenetic structure of Amazonian palm communities. Annals of Botany, 2019, 123, 641-655.	1.4	23
133	Species limits in butterflies (Lepidoptera: Nymphalidae): reconciling classical taxonomy with the multispecies coalescent. Systematic Entomology, 2019, 44, 745-756.	1.7	23
134	The pitfalls of biodiversity proxies: Differences in richness patterns of birds, trees and understudied diversity across Amazonia. Scientific Reports, 2019, 9, 19205.	1.6	23
135	Botanical Monography in the Anthropocene. Trends in Plant Science, 2021, 26, 433-441.	4.3	23
136	Phylogeny of the tribe Cinchoneae (Rubiaceae), its position in Cinchonoideae, and description of a new genus, Ciliosemina. Taxon, 2005, 54, 17-28.	0.4	21
137	Available Climate Regimes Drive Niche Diversification during Range Expansion. American Naturalist, 2015, 185, 640-652.	1.0	20
138	Biodiversity seen through the perspective of insects: 10 simple rules on methodological choices and experimental design for genomic studies. PeerJ, 2019, 7, e6727.	0.9	20
139	The Origin of Oranges: A Multi-locus Phylogeny of Rutaceae Subfamily Aurantioideae. Systematic Botany, 2016, 40, 1053-1062.	0.2	19
140	Selective extinction against redundant species buffers functional diversity. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201162.	1.2	19
141	On the Origin of Amazonian Landscapes and Biodiversity: A Synthesis. , 2011, , 419-431.		18
142	Phylogenetics of Iriarteeae (Arecaceae), cross-Andean disjunctions and convergence of clustered infructescence morphology inWettinia. Botanical Journal of the Linnean Society, 2016, 182, 272-286.	0.8	18
143	Historical chemical annotations of Cinchona bark collections are comparable to results from current day high-pressure liquid chromatography technologies. Journal of Ethnopharmacology, 2020, 249, 112375.	2.0	18
144	Conservation Policy: Helping or hindering science to unlock properties of plants and fungi. Plants People Planet, 2020, 2, 535-545.	1.6	18

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145	Mapping Africaâ€™s Biodiversity: More of the Same Is Just Not Good Enough. Systematic Biology, 2021, 70, 623-633.	2.7	18
146	High-throughput metabarcoding reveals the effect of physicochemical soil properties on soil and litter biodiversity and community turnover across Amazonia. PeerJ, 2018, 6, e5661.	0.9	18
147	Estimating Alpha, Beta, and Gamma Diversity Through Deep Learning. Frontiers in Plant Science, 2022, 13, 839407.	1.7	18
148	iucn_sim: a new program to simulate future extinctions based on IUCN threat status. Ecography, 2021, 44, 162-176.	2.1	17
149	Phylogenomics and biogeography of the world's thrushes (Aves,Turdus): new evidence for a more parsimonious evolutionary history. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20192400.	1.2	16
150	Unraveling the Phylogenomic Relationships of the Most Diverse African Palm Genus Raphia (Calamoideae, Arecaceae). Plants, 2020, 9, 549.	1.6	16
151	Annotating public fungal ITS sequences from the built environment according to the MIxS-Built Environment standard â€“ a report from a May 23-24, 2016 workshop (Gothenburg, Sweden). MycoKeys, 0, 16, 1-15.	0.8	16
152	Phylogenetic and functional clustering illustrate the roles of adaptive radiation and dispersal filtering in jointly shaping lateâ€Quaternary mammal assemblages on oceanic islands. Ecology Letters, 2022, 25, 1250-1262.	3.0	16
153	A phylogenetic approach to detect selection on the target site of the antifouling compound irgarol in tolerant periphyton communities. Environmental Microbiology, 2009, 11, 2065-2077.	1.8	15
154	Mountains of diversity. Nature, 2018, 555, 173-174.	13.7	15
155	B<scp>io</scp>â€Ð<scp>em</scp>, a tool to explore the relationship between biodiversity data availability and socioâ€political conditions in time and space. Journal of Biogeography, 2021, 48, 2715-2726.	1.4	15
156	The use of chloroplast genome sequences to solve phylogenetic incongruences inPolystachyaHook (Orchidaceae Juss). PeerJ, 2018, 6, e4916.	0.9	14
157	Molecular Clocks and Archeogenomics of a Late Period Egyptian Date Palm Leaf Reveal Introgression from Wild Relatives and Add Timestamps on the Domestication. Molecular Biology and Evolution, 2021, 38, 4475-4492.	3.5	14
158	Evolution of cyanobacterial morphotypes: Taxa required for improved phylogenomic approaches. Communicative and Integrative Biology, 2011, 4, 424-7.	0.6	14
159	Intra and interspecific sequence variation in closely related species of Cereus (CACTACEAE). Biochemical Systematics and Ecology, 2016, 65, 137-142.	0.6	13
160	Evolutionary and ecological success is decoupled in mammals. Journal of Biogeography, 2018, 45, 2227-2237.	1.4	12
161	WEGE: A new metric for ranking locations for biodiversity conservation. Diversity and Distributions, 2020, 26, 1456-1466.	1.9	12
162	Society for the Study of Systematic Biology symposium: Frontiers in Parametric Biogeography. Systematic Biology, 2017, 66, 125-127.	2.7	11

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163	Plant Power: Opportunities and challenges for meeting sustainable energy needs from the plant and fungal kingdoms. Plants People Planet, 2020, 2, 446-462.	1.6	11
164	Pollinators drive floral evolution in an Atlantic Forest genus. AoB PLANTS, 2020, 12, plaa046.	1.2	10
165	Decreased soil moisture due to warming drives phylogenetic diversity and community transitions in the tundra. Environmental Research Letters, 2021, 16, 064031.	2.2	10
166	Uses and benefits of digital sequence information from plant genetic resources: Lessons learnt from botanical collections. Plants People Planet, 2022, 4, 33-43.	1.6	10
167	A bioinformatic platform to integrate target capture and whole genome sequences of various read depths for phylogenomics. Molecular Ecology, 2021, 30, 6021-6035.	2.0	10
168	Species limits, geographical distribution and genetic diversity inJohannesteijsmannia(Arecaceae). Botanical Journal of the Linnean Society, 2016, 182, 318-347.	0.8	9
169	Untapped resources for medical research. Science, 2020, 369, 781-782.	6.0	9
170	Diversity, Endemism, and Evolutionary History of Montane Biotas Outside the Andean Region. Fascinating Life Sciences, 2020, , 299-328.	0.5	9
171	Rapid evolution of post-zygotic reproductive isolation is widespread in Arctic plant lineages. Annals of Botany, 2022, 129, 171-184.	1.4	9
172	Target sequence capture of Barnadesioideae (Compositae) demonstrates the utility of low coverage loci in phylogenomic analyses. Molecular Phylogenetics and Evolution, 2022, 169, 107432.	1.2	9
173	Revised Species Delimitation in the Giant Water Lily Genus Victoria (Nymphaeaceae) Confirms a New Species and Has Implications for Its Conservation. Frontiers in Plant Science, 0, 13, .	1.7	9
174	Assessing Biotic and Abiotic Interactions of Microorganisms in Amazonia through Co-Occurrence Networks and DNA Metabarcoding. Microbial Ecology, 2021, 82, 746-760.	1.4	8
175	Genomic and niche divergence in an Amazonian palm species complex. Botanical Journal of the Linnean Society, 2021, 197, 498-512.	0.8	8
176	The ecological drivers of growth form evolution in flowering plants. Journal of Ecology, 2022, 110, 1525-1536.	1.9	8
177	Increased resolution in the face of conflict: phylogenomics of the Neotropical bellflowers (Campanulaceae: Lobelioideae), a rapid plant radiation. Annals of Botany, 2022, 129, 723-736.	1.4	8
178	Brazil Should Facilitate Research Permits. Conservation Biology, 2009, 23, 1068-1069.	2.4	7
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