Hans Peter Linder

List of Publications by Year
in descending order

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Version: 2024-02-01

104 papers	9,551 citations	61857 43 h-index	40881 93 g-index

107 all docs	107 docs citations	107 times ranked	12260 citing authors

#	Article	IF	Citations
1	Climatologies at high resolution for the earthâ€™s land surface areas. Scientific Data, 2017, 4, 170122.	2.4	2,247
2	Phylogeny and Subfamilial Classification of the Grasses (Poaceae). Annals of the Missouri Botanical Garden, 2001, 88, 373.	1.3	630
3	Phylogenetic biome conservatism on a global scale. Nature, 2009, 458, 754-756.	13.7	588
4	Geological and climatic influences on mountain biodiversity. Nature Geoscience, 2018, 11, 718-725.	5.4	390
5	The partitioning of Africa: statistically defined biogeographical regions in subâ€Saharan Africa. Journal of Biogeography, 2012, 39, 1189-1205.	1.4	276
6	How to understand speciesâ€™ niches and range dynamics: a demographic research agenda for biogeography. Journal of Biogeography, 2012, 39, 2146-2162.	1.4	249
7	Taxon sampling effects in molecular clock dating: An example from the African Restionaceae. Molecular Phylogenetics and Evolution, 2005, 35, 569-582.	1.2	238
8	Rapid and recent origin of species richness in the Cape flora of South Africa. Nature, 2001, 412, 181-183.	13.7	226
9	Plant species radiations: where, when, why?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 3097-3105.	1.8	220
10	Origin and diversification of the Greater Cape flora: Ancient species repository, hot-bed of recent radiation, or both?. Molecular Phylogenetics and Evolution, 2009, 51, 44-53.	1.2	198
11	Evolution of diversity: the Cape flora. Trends in Plant Science, 2005, 10, 536-541.	4.3	191
12	A fundamental, ecoâ€hydrological basis for niche segregation in plant communities. New Phytologist, 2011, 189, 253-258.	3.5	171
13	Evolutionary History of Poales. Annual Review of Ecology, Evolution, and Systematics, 2005, 36, 107-124.	3.8	170
14	As old as the mountains: the radiations of the Ericaceae. New Phytologist, 2015, 207, 355-367.	3.5	150
15	Hotspots within a global biodiversity hotspot - areas of endemism are associated with high mountain ranges. Scientific Reports, 2018, 8, 10345.	1.6	147
16	Species delimitation and relationships: The dance of the seven veils. Taxon, 2015, 64, 3-16.	0.4	146
17	The evolution of African plant diversity. Frontiers in Ecology and Evolution, 2014, 2, .	1.1	139
18	A revised evolutionary history of Poales: origins and diversification. Botanical Journal of the Linnean Society, 2014, 175, 4-16.	0.8	128

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19	Molecular evidence for bicontinental hybridogenous genomic constitution in Lepidium sensu stricto (Brassicaceae) species from Australia and New Zealand. American Journal of Botany, 2004, 91, 254-261.	0.8	122
20	New Guinea has the worldâ€™s richest island flora. Nature, 2020, 584, 579-583.	13.7	108
21	NOTHOFAGUS AND PACIFIC BIOGEOGRAPHY. Cladistics, 1995, 11, 5-32.	1.5	106
22	The Cape element in the Afrotemperate flora: from Cape to Cairo?. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 535-543.	1.2	106
23	On the complexity of triggering evolutionary radiations. New Phytologist, 2015, 207, 313-326.	3.5	104
24	Madagascar's grasses and grasslands: anthropogenic or natural?. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152262.	1.2	83
25	Climate-driven rampant speciation of the Cape flora. Journal of Biogeography, 2011, 38, 1059-1068.	1.4	80
26	The scramble for Africa: pan-temperate elements on the African high mountains. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 2657-2665.	1.2	79
27	Break zones in the distributions of alleles and species in alpine plants. Journal of Biogeography, 2011, 38, 772-782.	1.4	77
28	Biotic diversity in the Southern African winter-rainfall region. Current Opinion in Environmental Sustainability, 2010, 2, 109-116.	3.1	73
29	CONTRASTING PATTERNS OF RADIATION IN AFRICAN AND AUSTRALIAN RESTIONACEAE. Evolution; International Journal of Organic Evolution, 2003, 57, 2688-2702.	1.1	72
30	Biogeography of Mediterranean Hotspot Biodiversity: Re-Evaluating the 'Tertiary Relict' Hypothesis of Macaronesian Laurel Forests. PLoS ONE, 2015, 10, e0132091.	1.1	71
31	FOSSILS AND A LARGE MOLECULAR PHYLOGENY SHOW THAT THE EVOLUTION OF SPECIES RICHNESS, GENERIC DIVERSITY, AND TURNOVER RATES ARE DISCONNECTED. Evolution; International Journal of Organic Evolution, 2014, 68, 2821-2832.	1.1	70
32	Reticulation, Data Combination, and Inferring Evolutionary History: An Example from Danthonioideae (Poaceae). Systematic Biology, 2009, 58, 612-628.	2.7	66
33	Climatic niche evolution and species diversification in the <scp>C</scp>ape flora, <scp>S</scp>outh <scp>A</scp>frica. Journal of Biogeography, 2012, 39, 2201-2211.	1.4	65
34	A novel supermatrix approach improves resolution of phylogenetic relationships in a comprehensive sample of danthonioid grasses. Molecular Phylogenetics and Evolution, 2008, 48, 1106-1119.	1.2	64
35	MACROEVOLUTIONARY DATA SUGGEST A ROLE FOR REINFORCEMENT IN POLLINATION SYSTEM SHIFTS. Evolution; International Journal of Organic Evolution, 2006, 60, 1596.	1.1	63
36	MACROEVOLUTIONARY DATA SUGGEST A ROLE FOR REINFORCEMENT IN POLLINATION SYSTEM SHIFTS. Evolution; International Journal of Organic Evolution, 2006, 60, 1596-1601.	1.1	61

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37	Does polyploidy facilitate long-distance dispersal?. Annals of Botany, 2014, 113, 1175-1183.	1.4	58
38	Climate change effects on animal and plant phylogenetic diversity in southern Africa. Global Change Biology, 2014, 20, 1538-1549.	4.2	56
39	A Generic Classification of the Danthonioideae (Poaceae)¹. Annals of the Missouri Botanical Garden, 2010, 97, 306-364.	1.3	53
40	The genetics of evolutionary radiations. Biological Reviews, 2020, 95, 1055-1072.	4.7	50
41	The historical biogeography of Scabiosa (Dipsacaceae): implications for Old World plant disjunctions. Journal of Biogeography, 2012, 39, 1086-1100.	1.4	49
42	Do Mediterranean-type ecosystems have a common history?-Insights from the Buckthorn family (Rhamnaceae). Evolution; International Journal of Organic Evolution, 2015, 69, 756-771.	1.1	49
43	Old-New World and trans-African disjunctions of Thamnosma (Rutaceae): Intercontinental long-distance dispersal and local differentiation in the succulent biome. American Journal of Botany, 2011, 98, 76-87.	0.8	48
44	Biotic modifiers, environmental modulation and species distribution models. Journal of Biogeography, 2012, 39, 2179-2190.	1.4	48
45	Are the radiations of temperate lineages in tropical alpine ecosystems preâ€adapted?. Global Ecology and Biogeography, 2018, 27, 334-345.	2.7	46
46	Phylogenetic analysis of Phylica L. (Rhamnaceae) with an emphasis on island species: evidence from plastid trnLâ€F and nuclear internal transcribed spacer (ribosomal) DNA sequences. Taxon, 2001, 50, 405-427.	0.4	44
47	What determines biogeographical ranges? Historical wanderings and ecological constraints in the danthonioid grasses. Journal of Biogeography, 2013, 40, 821-834.	1.4	43
48	Diversification in evolutionary arenasâ€"Assessment and synthesis. Ecology and Evolution, 2020, 10, 6163-6182.	0.8	43
49	Evidence for a vicariant origin of Macaronesianâ€"Eritreo/Arabian disjunctions in Campylanthus Roth (Plantaginaceae). Molecular Phylogenetics and Evolution, 2010, 54, 607-616.	1.2	40
50	Centropodieae and Ellisochloa, a new tribe and genus in Chloridoideae (Poaceae). Taxon, 2011, 60, 1113-1122.	0.4	40
51	EFFECTS OF A FIRE RESPONSE TRAIT ON DIVERSIFICATION IN REPLICATED RADIATIONS. Evolution; International Journal of Organic Evolution, 2014, 68, 453-465.	1.1	40
52	Beyond climate: convergence in fast evolving sclerophylls in Cape and Australian Rhamnaceae predates the mediterranean climate. Journal of Ecology, 2016, 104, 665-677.	1.9	38
53	Evolutionary radiations of Proteaceae are triggered by the interaction between traits and climates in open habitats. Global Ecology and Biogeography, 2016, 25, 1239-1251.	2.7	37
54	Evidence for recent evolution of cold tolerance in grasses suggests current distribution is not limited by (low) temperature. New Phytologist, 2013, 198, 1261-1273.	3.5	36

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55	The Evolution of Regional Species Richness: The History of the Southern African Flora. Annual Review of Ecology, Evolution, and Systematics, 2015, 46, 393-412.	3.8	36
56	Model uncertainty in ancestral area reconstruction: A parsimonious solution?. Taxon, 2012, 61, 652-664.	0.4	35
57	Evolution of Asparagus L. (Asparagaceae): Out-of-South-Africa and multiple origins of sexual dimorphism. Molecular Phylogenetics and Evolution, 2015, 92, 25-44.	1.2	35
58	Anemophilous plants select pollen from their own species from the air. Oecologia, 1996, 108, 85-87.	0.9	31
59	Disentangling the influence of climatic and geological changes on species radiations. Journal of Biogeography, 2014, 41, 1313-1325.	1.4	30
60	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
61	Speciesâ€rich and polyploidâ€poor: Insights into the evolutionary role of wholeâ€genome duplication from the Cape flora biodiversity hotspot. American Journal of Botany, 2016, 103, 1336-1347.	0.8	28
62	East African Cenozoic vegetation history. Evolutionary Anthropology, 2017, 26, 300-312.	1.7	28
63	Beta diversity of herbivorous insects is coupled to high species and phylogenetic turnover of plant communities across short spatial scales in the Cape Floristic Region. Journal of Biogeography, 2017, 44, 1813-1823.	1.4	27
64	Cenozoic assembly of the Greater Cape flora. , 2014, , 93-118.		27
65	The evolutionary history of Melianthus (Melianthaceae). American Journal of Botany, 2006, 93, 1052-1064.	0.8	26
66	Diversification of Chionochloa (Poaceae) and biogeography of the New Zealand Southern Alps. Journal of Biogeography, 2010, 37, 379-392.	1.4	22
67	The embryology and systematic relationships of Prionium serratum (Juncaceae: Juncales). American Journal of Botany, 1997, 84, 850-860.	0.8	21
68	Eritreo-Arabian Affinities of the Socotran Flora as Revealed from the Molecular Phylogeny of Aerva (Amaranthaceae). Systematic Botany, 2006, 31, 560-570.	0.2	21
69	Optimising Regionalisation Techniques: Identifying Centres of Endemism in the Extraordinarily Endemic-Rich Cape Floristic Region. PLoS ONE, 2015, 10, e0132538.	1.1	21
70	Nuclear genes, matK and the phylogeny of the Poales. Taxon, 2018, 67, 521-536.	0.4	20
71	A new subfamilial and tribal classification of Restionaceae (Poales). Telopea, 2009, 12, 333-345.	0.4	20
72	The <scp>C</scp>enozoic biogeographical evolution of woody angiosperms inferred from fossil distributions. Global Ecology and Biogeography, 2015, 24, 1290-1301.	2.7	19

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73	The Future of Botanical Monography: Report from an international workshop, 12â€“16 March 2012, Smolenice, Slovak Republic. Taxon, 2013, 62, 4-20.	0.4	16
74	H<scp>austorial synergids: an important character in the systematics of danthonioid grasses</scp> (A<scp>rundinoideae</scp>: P<scp>oaceae</scp>)?. American Journal of Botany, 1994, 81, 1601-1610.	0.8	14
75	Variation in Î´¹³C among species and sexes in the family Restionaceae along a fineâ€scale hydrological gradient. Austral Ecology, 2010, 35, 818-824.	0.7	14
76	Frequent and parallel habitat transitions as driver of unbounded radiations in the Cape flora. Evolution; International Journal of Organic Evolution, 2017, 71, 2548-2561.	1.1	14
77	To What Extent Are Swiss Springs Refugial Habitats for Sensitive and Endangered Diatom Taxa?. Water (Switzerland), 2017, 9, 967.	1.2	14
78	The assembly of the Cape flora is consistent with an edaphic rather than climatic filter. Molecular Phylogenetics and Evolution, 2020, 142, 106645.	1.2	14
79	Haustorial synergids: an important character in the systematics of danthonioid grasses (Arundinoideae: Poaceae)?. , 1994, 81, 1601.		13
80	The megaherbivore gap after the non-avian dinosaur extinctions modified trait evolution and diversification of tropical palms. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20212633.	1.2	12
81	The causes of southern African spatial patterns in species richness: speciation, extinction and dispersal in the Danthonioideae (Poaceae). Journal of Biogeography, 2015, 42, 914-924.	1.4	11
82	Bridging the divide between intuitive social-ecological value and sustainability in the Manica Highlands of southern Africa (Zimbabwe-Mozambique). Ecosystem Services, 2019, 39, 100999.	2.3	11
83	Ecophysiological strategy switch through development in heteroblastic species of mediterranean ecosystems â€“ an example in the African Restionaceae. Annals of Botany, 2019, 123, 611-623.	1.4	11
84	Experimental investigation of the origin of fynbos plant community structure after fire. Annals of Botany, 2012, 110, 1377-1383.	1.4	10
85	A reâ€evaluation of species limits in Chaetobromus (Danthonieae: Poaceae). Nordic Journal of Botany, 1998, 18, 57-77.	0.2	9
86	Resprouter fraction in Cape Restionaceae assemblages varies with climate and soil type. Functional Ecology, 2016, 30, 1583-1592.	1.7	9
87	Adaptive radiations should not be simplified: The case of the danthonioid grasses. Molecular Phylogenetics and Evolution, 2017, 117, 179-190.	1.2	8
88	Rare species, Restionaceae, and the Cape flora. Journal of Biogeography, 2019, 46, 2637-2650.	1.4	7
89	Male and female separation event trapped in a species tree. Taxon, 2009, 58, 172-180.	0.4	6
90	Dissecting biodiversity in a global hotspot: Uneven dynamics of immigration and diversification within the Cape Floristic Region of South Africa. Journal of Biogeography, 2019, 46, 1936-1947.	1.4	6

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91	Patterns, causes and consequences of genome size variation in Restionaceae of the Cape flora. Botanical Journal of the Linnean Society, 2017, 183, 515-531.	0.8	5
92	Synoptic taxonomy of Cortaderia Stapf (Danthonioideae, Poaceae). PhytoKeys, 2017, 76, 39-69.	0.4	5
93	Phylogeny and Historical Ecology of Rhodocoma (Restionaceae) from the Cape Floristic Region. Aliso, 2007, 23, 213-226.	0.4	5
94	The fate of Acacia. Taxon, 2011, 60, 570-571.	0.4	4
95	Water availability, fundamental niches and realized niches: A case study from the Cape flora. Austral Ecology, 2018, 43, 696-705.	0.7	4
96	Phylogeographical Pattern in the Southern African Grass <I>Tenaxia disticha</I> (Poaceae). Systematic Botany, 2014, 39, 428-440.	0.2	3
97	Arable weed seed bank of grassland on former arable fields in mountain regions. Folia Geobotanica, 2018, 53, 49-61.	0.4	3
98	Phylogeny of the South African species of restioid leafhoppers, tribe Cephalelini (Homoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	0.2	2
99	Gradual speciation in a global hotspot of plant diversity. Molecular Ecology, 2010, 19, 4583-4585.	2.0	2
100	Phylogeography. Journal of Biogeography, 2017, 44, 243-244.	1.4	2
101	The surprising anatomical diversity in the roots of African Restionaceae. Perspectives in Plant Ecology, Evolution and Systematics, 2018, 34, 77-93.	1.1	2
102	Disentangling the drivers of local species richness using probabilistic species pools. Journal of Biogeography, 2020, 47, 879-889.	1.4	2
103	Unexpected diversity and evolutionary lability in root architectural ecomorphs in the rushes of the hyperdiverse Cape flora. New Phytologist, 2020, 227, 216-231.	3.5	2
104	The evolution of flowering phenology: an example from the wind-pollinated African Restionaceae. Annals of Botany, 2020, 126, 1141-1153.	1.4	2