

Jean-Christian Svenning

List of Publications by Citations

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495
papers

24,856
citations

81
h-index

138
g-index

527
ext. papers

31,362
ext. citations

6.2
avg. IF

7.47
L-index

#	Paper	IF	Citations
495	The role of biotic interactions in shaping distributions and realised assemblages of species: implications for species distribution modelling. <i>Biological Reviews</i> , 2013 , 88, 15-30	13.5	931
494	Limited filling of the potential range in European tree species. <i>Ecology Letters</i> , 2004 , 7, 565-573	10	514
493	The influence of Late Quaternary climate-change velocity on species endemism. <i>Science</i> , 2011 , 334, 660-663	33.3	511
492	Climate-related range shifts - a global multidimensional synthesis and new research directions. <i>Ecography</i> , 2015 , 38, 15-28	6.5	469
491	Extinction debt of high-mountain plants under twenty-first-century climate change. <i>Nature Climate Change</i> , 2012 , 2, 619-622	21.4	444
490	TRY plant trait database - enhanced coverage and open access. <i>Global Change Biology</i> , 2020 , 26, 119-188	11.4	399
489	Tree species distributions and local habitat variation in the Amazon: large forest plot in eastern Ecuador. <i>Journal of Ecology</i> , 2004 , 92, 214-229	6	364
488	Upper thermal limits of <i>Drosophila</i> are linked to species distributions and strongly constrained phylogenetically. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 16228-33	11.5	339
487	Accelerated increase in plant species richness on mountain summits is linked to warming. <i>Nature</i> , 2018 , 556, 231-234	50.4	329
486	Could the tree diversity pattern in Europe be generated by postglacial dispersal limitation?. <i>Ecology Letters</i> , 2007 , 10, 453-60	10	297
485	Disequilibrium vegetation dynamics under future climate change. <i>American Journal of Botany</i> , 2013 , 100, 1266-86	2.7	291
484	Towards novel approaches to modelling biotic interactions in multispecies assemblages at large spatial extents. <i>Journal of Biogeography</i> , 2012 , 39, 2163-2178	4.1	282
483	Science for a wilder Anthropocene: Synthesis and future directions for trophic rewilding research. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 898-906	11.5	279
482	A review of natural vegetation openness in north-western Europe. <i>Biological Conservation</i> , 2002 , 104, 133-148	6.2	266
481	Bundling ecosystem services in Denmark: Trade-offs and synergies in a cultural landscape. <i>Landscape and Urban Planning</i> , 2014 , 125, 89-104	7.7	248
480	Megafauna and ecosystem function from the Pleistocene to the Anthropocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 838-46	11.5	245
479	Residential green space in childhood is associated with lower risk of psychiatric disorders from adolescence into adulthood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 5188-5193	11.5	233

478	Global late Quaternary megafauna extinctions linked to humans, not climate change. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281,	4.4	232
477	Glacial refugia of temperate trees in Europe: insights from species distribution modelling. <i>Journal of Ecology</i> , 2008 , 96, 1117-1127	6	228
476	Specialization of mutualistic interaction networks decreases toward tropical latitudes. <i>Current Biology</i> , 2012 , 22, 1925-31	6.3	223
475	Functional trait space and the latitudinal diversity gradient. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 13745-50	11.5	220
474	Going against the flow: potential mechanisms for unexpected downslope range shifts in a warming climate. <i>Ecography</i> , 2010 , 33, 295	6.5	219
473	Ice age legacies in the geographical distribution of tree species richness in Europe. <i>Global Ecology and Biogeography</i> , 2007 , 16, 234-245	6.1	216
472	Global nutrient transport in a world of giants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 868-73	11.5	215
471	Deterministic Plio-Pleistocene extinctions in the European cool-temperate tree flora. <i>Ecology Letters</i> , 2003 , 6, 646-653	10	214
470	Microhabitat specialization in a species-rich palm community in Amazonian Ecuador. <i>Journal of Ecology</i> , 1999 , 87, 55-65	6	209
469	Global trait-environment relationships of plant communities. <i>Nature Ecology and Evolution</i> , 2018 , 2, 1906-1917	6.1	209
468	Climatic controls of decomposition drive the global biogeography of forest-tree symbioses. <i>Nature</i> , 2019 , 569, 404-408	50.4	203
467	Phylogenetic constraints in key functional traits behind species' climate niches: patterns of desiccation and cold resistance across 95 <i>Drosophila</i> species. <i>Evolution; International Journal of Organic Evolution</i> , 2012 , 66, 3377-89	3.8	194
466	Combining paleo-data and modern enclosure experiments to assess the impact of megafauna extinctions on woody vegetation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 847-55	11.5	192
465	Potential impact of climatic change on the distribution of forest herbs in Europe. <i>Ecography</i> , 2004 , 27, 366-380	6.5	185
464	Postglacial dispersal limitation of widespread forest plant species in nemoral Europe. <i>Ecography</i> , 2008 , 31, 316-326	6.5	182
463	A review of methods, data, and models to assess changes in the value of ecosystem services from land degradation and restoration. <i>Ecological Modelling</i> , 2016 , 319, 190-207	3	179
462	Applications of species distribution modeling to paleobiology. <i>Quaternary Science Reviews</i> , 2011 , 30, 2930-2947	3.9	179
461	Future of the human climate niche. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 11350-11355	11.5	175

460	Postglacial migration supplements climate in determining plant species ranges in Europe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011 , 278, 3644-53	4.4	174
459	New trends in species distribution modelling. <i>Ecography</i> , 2010 , 33, 985-989	6.5	172
458	Geographical ecology of the palms (Arecaceae): determinants of diversity and distributions across spatial scales. <i>Annals of Botany</i> , 2011 , 108, 1391-416	4.1	171
457	On the role of microenvironmental heterogeneity in the ecology and diversification of neotropical rain-forest palms (Arecaceae). <i>Botanical Review, The</i> , 2001 , 67, 1-53	3.8	168
456	Cenozoic imprints on the phylogenetic structure of palm species assemblages worldwide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 7379-84	11.5	163
455	Importance of abiotic stress as a range-limit determinant for European plants: insights from species responses to climatic gradients. <i>Global Ecology and Biogeography</i> , 2009 , 18, 437-449	6.1	163
454	European Vegetation Archive (EVA): an integrated database of European vegetation plots. <i>Applied Vegetation Science</i> , 2016 , 19, 173-180	3.3	162
453	Strong upslope shifts in Chimborazo's vegetation over two centuries since Humboldt. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 12741-5	11.5	157
452	The Influence of Paleoclimate on Present-Day Patterns in Biodiversity and Ecosystems. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2015 , 46, 551-572	13.5	157
451	Biotic and abiotic variables show little redundancy in explaining tree species distributions. <i>Ecography</i> , 2010 , 33, 1038-1048	6.5	156
450	Topography-driven isolation, speciation and a global increase of endemism with elevation. <i>Global Ecology and Biogeography</i> , 2016 , 25, 1097-1107	6.1	156
449	Rewilding complex ecosystems. <i>Science</i> , 2019 , 364,	33.3	155
448	The influence of interspecific interactions on species range expansion rates. <i>Ecography</i> , 2014 , 37, 1198-1209	12.9	154
447	Local temperatures inferred from plant communities suggest strong spatial buffering of climate warming across Northern Europe. <i>Global Change Biology</i> , 2013 , 19, 1470-81	11.4	152
446	The relative roles of environment and history as controls of tree species composition and richness in Europe. <i>Journal of Biogeography</i> , 2005 , 32, 1019-1033	4.1	147
445	The bien r package: A tool to access the Botanical Information and Ecology Network (BIEN) database. <i>Methods in Ecology and Evolution</i> , 2018 , 9, 373-379	7.7	131
444	Historic and prehistoric human-driven extinctions have reshaped global mammal diversity patterns. <i>Diversity and Distributions</i> , 2015 , 21, 1155-1166	5	131
443	Ecology. Beta diversity in tropical forests. <i>Science</i> , 2002 , 295, 636-7	33.3	131

442	Potential impacts of climate change on the distributions and diversity patterns of European mammals. <i>Biodiversity and Conservation</i> , 2007 , 16, 3803-3816	3.4	130
441	Diversity and dominance in palm (Arecaceae) communities in terra firme forests in the western Amazon basin. <i>Journal of Ecology</i> , 2004 , 92, 577-588	6	129
440	Ecological, historical and evolutionary determinants of modularity in weighted seed-dispersal networks. <i>Ecology Letters</i> , 2014 , 17, 454-63	10	125
439	Specialization in plant-hummingbird networks is associated with species richness, contemporary precipitation and quaternary climate-change velocity. <i>PLoS ONE</i> , 2011 , 6, e25891	3.7	115
438	Ecological and evolutionary legacy of megafauna extinctions. <i>Biological Reviews</i> , 2018 , 93, 845-862	13.5	114
437	Day length unlikely to constrain climate-driven shifts in leaf-out times of northern woody plants. <i>Nature Climate Change</i> , 2016 , 6, 1120-1123	21.4	114
436	Environmental and historical imprints on beta diversity: insights from variation in rates of species turnover along gradients. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20131201	4.4	109
435	Light converts endosymbiotic fungus to pathogen, influencing seedling survival and niche-space filling of a common tropical tree, <i>Iriarteia deltoidea</i> . <i>PLoS ONE</i> , 2011 , 6, e16386	3.7	108
434	Topography as a driver of local terrestrial vascular plant diversity patterns. <i>Nordic Journal of Botany</i> , 2013 , 31, 129-144	1.1	107
433	ECOLOGICAL DETERMINISM IN PLANT COMMUNITY STRUCTURE ACROSS A TROPICAL FOREST LANDSCAPE. <i>Ecology</i> , 2004 , 85, 2526-2538	4.6	105
432	The database of the PREDICTS (Projecting Responses of Ecological Diversity In Changing Terrestrial Systems) project. <i>Ecology and Evolution</i> , 2017 , 7, 145-188	2.8	101
431	Topographically controlled soil moisture drives plant diversity patterns within grasslands. <i>Biodiversity and Conservation</i> , 2013 , 22, 2151-2166	3.4	98
430	Climate, history and neutrality as drivers of mammal beta diversity in Europe: insights from multiscale deconstruction. <i>Journal of Animal Ecology</i> , 2011 , 80, 393-402	4.7	98
429	High herbivore density associated with vegetation diversity in interglacial ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 4162-7	11.5	97
428	sPlot: A new tool for global vegetation analyses. <i>Journal of Vegetation Science</i> , 2019 , 30, 161-186	3.1	96
427	People have shaped most of terrestrial nature for at least 12,000 years. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	96
426	Impact of model complexity on cross-temporal transferability in Maxent species distribution models: An assessment using paleobotanical data. <i>Ecological Modelling</i> , 2015 , 312, 308-317	3	95
425	A species-level phylogeny of all extant and late Quaternary extinct mammals using a novel heuristic-hierarchical Bayesian approach. <i>Molecular Phylogenetics and Evolution</i> , 2015 , 84, 14-26	4.1	95

424	The commonness of rarity: Global and future distribution of rarity across land plants. <i>Science Advances</i> , 2019 , 5, eaaz0414	14.3	94
423	Habitat area and climate stability determine geographical variation in plant species range sizes. <i>Ecology Letters</i> , 2013 , 16, 1446-54	10	93
422	PHYLACINE 1.2: The Phylogenetic Atlas of Mammal Macroecology. <i>Ecology</i> , 2018 , 99, 2626	4.6	91
421	Historical climate-change influences modularity and nestedness of pollination networks. <i>Ecography</i> , 2013 , 36, 1331-1340	6.5	90
420	Climate change risks and conservation implications for a threatened small-range mammal species. <i>PLoS ONE</i> , 2010 , 5, e10360	3.7	90
419	Stay or go [How topographic complexity influences alpine plant population and community responses to climate change. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2018 , 30, 41-50	3	88
418	High tropical net diversification drives the New World latitudinal gradient in palm (Arecaceae) species richness. <i>Journal of Biogeography</i> , 2008 , 35, 394-406	4.1	87
417	Historical contingency in the evolution of primate color vision. <i>Journal of Human Evolution</i> , 2003 , 44, 25-45	3.1	83
416	Eutrophication effects on greenhouse gas fluxes from shallow-lake mesocosms override those of climate warming. <i>Global Change Biology</i> , 2015 , 21, 4449-63	11.4	82
415	Remotely sensed temperature and precipitation data improve species distribution modelling in the tropics. <i>Global Ecology and Biogeography</i> , 2016 , 25, 443-454	6.1	81
414	Exploring the floristic diversity of tropical Africa. <i>BMC Biology</i> , 2017 , 15, 15	7.3	77
413	Environmental and spatial controls of palm (Arecaceae) species richness across the Americas. <i>Global Ecology and Biogeography</i> , 2005 , 14, 423-429	6.1	76
412	Shifts in trait means and variances in North American tree assemblages: species richness patterns are loosely related to the functional space. <i>Ecography</i> , 2015 , 38, 649-658	6.5	75
411	Quaternary and pre-Quaternary historical legacies in the global distribution of a major tropical plant lineage. <i>Global Ecology and Biogeography</i> , 2012 , 21, 909-921	6.1	74
410	Establishing macroecological trait datasets: digitalization, extrapolation, and validation of diet preferences in terrestrial mammals worldwide. <i>Ecology and Evolution</i> , 2014 , 4, 2913-30	2.8	74
409	Mammal diversity will take millions of years to recover from the current biodiversity crisis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 11262-11267	11.5	73
408	Climate-driven extinctions shape the phylogenetic structure of temperate tree floras. <i>Ecology Letters</i> , 2015 , 18, 263-72	10	70
407	Ice age distributions of European small mammals: insights from species distribution modelling. <i>Journal of Biogeography</i> , 2009 , 36, 1152-1163	4.1	70

406	Global patterns and drivers of phylogenetic structure in island floras. <i>Scientific Reports</i> , 2015 , 5, 12213	4.9	68
405	Seed limitation in a Panamanian forest. <i>Journal of Ecology</i> , 2005 , 93, 853-862	6	68
404	Vegetation classification and biogeography of European floodplain forests and alder carrs. <i>Applied Vegetation Science</i> , 2016 , 19, 147-163	3.3	68
403	Limited sampling hampers "big data" estimation of species richness in a tropical biodiversity hotspot. <i>Ecology and Evolution</i> , 2015 , 5, 807-20	2.8	67
402	Oligarchic dominance in western Amazonian plant communities. <i>Journal of Tropical Ecology</i> , 2005 , 21, 613-626	1.3	67
401	A network approach for inferring species associations from co-occurrence data. <i>Ecography</i> , 2016 , 39, 1139-1150	6.5	66
400	Mammal predator and prey species richness are strongly linked at macroscales. <i>Ecology</i> , 2013 , 94, 1112-226	4.26	66
399	Geographical and environmental controls of palm beta diversity in paleo-riverine terrace forests in Amazonian Peru. <i>Plant Ecology</i> , 2006 , 186, 161-176	1.7	66
398	Environmental heterogeneity, recruitment limitation and the mesoscale distribution of palms in a tropical montane rain forest (Maquipucuna, Ecuador). <i>Journal of Tropical Ecology</i> , 2001 , 17, 97-113	1.3	66
397	Human impacts drive a global topographic signature in tree cover. <i>Nature Communications</i> , 2013 , 4, 2474	7.4	65
396	Evaluating the combined effects of climate and land-use change on tree species distributions. <i>Journal of Applied Ecology</i> , 2015 , 52, 902-912	5.8	64
395	Alien plant invasions in European woodlands. <i>Diversity and Distributions</i> , 2017 , 23, 969-981	5	64
394	Small Canopy Gaps Influence Plant Distributions in the Rain Forest Understory1. <i>Biotropica</i> , 2000 , 32, 252-261	2.3	64
393	Megafauna extinction, tree species range reduction, and carbon storage in Amazonian forests. <i>Ecography</i> , 2016 , 39, 194-203	6.5	64
392	Refugia within refugia patterns in endemism and genetic divergence are linked to Late Quaternary climate stability in the Iberian Peninsula. <i>Biological Journal of the Linnean Society</i> , 2014 , 113, 13-28	1.9	63
391	Historical legacies in the geographical diversity patterns of New World palm (Arecaceae) subfamilies. <i>Botanical Journal of the Linnean Society</i> , 2006 , 151, 113-125	2.2	63
390	Population ecology and conservation status of the last natural population of English yew <i>Taxus baccata</i> in Denmark. <i>Biological Conservation</i> , 1999 , 88, 173-182	6.2	62
389	Topographically controlled soil moisture is the primary driver of local vegetation patterns across a lowland region. <i>Ecosphere</i> , 2013 , 4, art91	3.1	61

- 388 Resurrection of the Island Rule: Human-Driven Extinctions Have Obscured a Basic Evolutionary Pattern. *American Naturalist*, **2016**, 187, 812-20 3.7 59
- 387 Biogeographical modules and island roles: a comparison of Wallacea and the West Indies. *Journal of Biogeography*, **2012**, 39, 739-749 4.1 59
- 386 Dispersal ability modulates the strength of the latitudinal richness gradient in European beetles. *Global Ecology and Biogeography*, **2012**, 21, 1106-1113 6.1 59
- 385 Socioecologically informed use of remote sensing data to predict rural household poverty. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 1213-1218 11.5 59
- 384 Diversity of palm uses in the western Amazon. *Biodiversity and Conservation*, **2007**, 16, 2771-2787 3.4 58
- 383 Spatial patterns and climate relationships of major plant traits in the New World differ between woody and herbaceous species. *Journal of Biogeography*, **2018**, 45, 895-916 4.1 57
- 382 Deconstructing the mammal species richness pattern in Europe [Towards an understanding of the relative importance of climate, biogeographic history, habitat heterogeneity and humans. *Global Ecology and Biogeography*, **2011**, 20, 218-230 6.1 57
- 381 Seedling interactions in a tropical forest in Panama. *Oecologia*, **2008**, 155, 143-50 2.9 57
- 380 RAINBIO: a mega-database of tropical African vascular plants distributions. *PhytoKeys*, **2016**, 1-18 0.9 57
- 379 High plant endemism in China is partially linked to reduced glacial-interglacial climate change. *Journal of Biogeography*, **2016**, 43, 145-154 4.1 55
- 378 Ecological traits influence the phylogenetic structure of bird species co-occurrences worldwide. *Ecology Letters*, **2014**, 17, 811-20 10 54
- 377 Less favourable climates constrain demographic strategies in plants. *Ecology Letters*, **2017**, 20, 969-980 10 53
- 376 Beyond trees: Biogeographical regionalization of tropical Africa. *Journal of Biogeography*, **2018**, 45, 1153-1167 4.1 53
- 375 Forest plant community changes during 1989-2007 in response to climate warming in the Jura Mountains (France and Switzerland). *Journal of Vegetation Science*, **2010**, 21, 949-964 3.1 53
- 374 Environment versus dispersal in the assembly of western Amazonian palm communities. *Journal of Biogeography*, **2012**, 39, 1318-1332 4.1 52
- 373 Mesoscale distribution of understorey plants in temperate forest (Kalø, Denmark): the importance of environment and dispersal. *Plant Ecology*, **2002**, 160, 169-185 1.7 52
- 372 Fencing bodes a rapid collapse of the unique Greater Mara ecosystem. *Scientific Reports*, **2017**, 7, 41450 4.9 51
- 371 Scale decisions can reverse conclusions on community assembly processes. *Global Ecology and Biogeography*, **2014**, 23, 620-632 6.1 51

370	Global patterns in the shape of species geographical ranges reveal range determinants. <i>Journal of Biogeography</i> , 2012 , 39, 760-771	4.1	51
369	Linking environmental filtering and disequilibrium to biogeography with a community climate framework. <i>Ecology</i> , 2015 , 96, 972-85	4.6	50
368	Mapping climatic mechanisms likely to favour the emergence of novel communities. <i>Nature Climate Change</i> , 2016 , 6, 1104-1109	21.4	50
367	Patterns and drivers of plant functional group dominance across the Western Hemisphere: a macroecological re-assessment based on a massive botanical dataset. <i>Botanical Journal of the Linnean Society</i> , 2016 , 180, 141-160	2.2	50
366	An all-evidence species-level supertree for the palms (Arecaceae). <i>Molecular Phylogenetics and Evolution</i> , 2016 , 100, 57-69	4.1	50
365	Spatial application of Random Forest models for fine-scale coastal vegetation classification using object based analysis of aerial orthophoto and DEM data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2015 , 42, 106-114	7.3	49
364	Dispersal and niche evolution jointly shape the geographic turnover of phylogenetic clades across continents. <i>Scientific Reports</i> , 2013 , 3, 1164	4.9	49
363	A matter of scale: apparent niche differentiation of diploid and tetraploid plants may depend on extent and grain of analysis. <i>Journal of Biogeography</i> , 2016 , 43, 716-726	4.1	49
362	Species Diversity and Growth Forms in Tropical American Palm Communities. <i>Botanical Review, The</i> , 2011 , 77, 381-425	3.8	48
361	Functional diversity of marine megafauna in the Anthropocene. <i>Science Advances</i> , 2020 , 6, eaay7650	14.3	48
360	Extinction risk of North American seed plants elevated by climate and land-use change. <i>Journal of Applied Ecology</i> , 2017 , 54, 303-312	5.8	47
359	Predictability in community dynamics. <i>Ecology Letters</i> , 2017 , 20, 293-306	10	47
358	A greener Greenland? Climatic potential and long-term constraints on future expansions of trees and shrubs. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013 , 368, 20120479	5.8	47
357	Delineating probabilistic species pools in ecology and biogeography. <i>Global Ecology and Biogeography</i> , 2016 , 25, 489-501	6.1	47
356	30% land conservation and climate action reduces tropical extinction risk by more than 50%. <i>Ecography</i> , 2020 , 43, 943-953	6.5	46
355	History and environment shape species pools and community diversity in European beech forests. <i>Nature Ecology and Evolution</i> , 2018 , 2, 483-490	12.3	46
354	Global distribution and drivers of language extinction risk. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281,	4.4	45
353	Environmental and anthropogenic determinants of vegetation distribution across Africa. <i>Global Ecology and Biogeography</i> , 2011 , 20, 661-674	6.1	45

352	Governing trade-offs in ecosystem services and disservices to achieve human-wildlife coexistence. <i>Conservation Biology</i> , 2019 , 33, 543-553	6	45
351	Late-spring frost risk between 1959 and 2017 decreased in North America but increased in Europe and Asia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 12192-12200	11.5	44
350	Tectonics, climate and the diversification of the tropical African terrestrial flora and fauna. <i>Biological Reviews</i> , 2021 , 96, 16-51	13.5	44
349	Geography, topography, and history affect realized-to-potential tree species richness patterns in Europe. <i>Ecography</i> , 2010 , 33, 1070-1080	6.5	43
348	Cross-scale analysis of the region effect on vascular plant species diversity in southern and northern European mountain ranges. <i>PLoS ONE</i> , 2010 , 5, e15734	3.7	43
347	Disturbance drives phylogenetic community structure in coastal dune vegetation. <i>Journal of Vegetation Science</i> , 2012 , 23, 1082-1094	3.1	42
346	Latitudinal and Elevational Range Shifts under Contemporary Climate Change 2013 , 599-611		42
345	Crown illumination limits the population growth rate of a neotropical understorey palm (<i>Geonoma macrostachys</i> , <i>Arecaceae</i>). <i>Plant Ecology</i> , 2002 , 159, 185-199	1.7	42
344	The macroecology of animal versus wind pollination: ecological factors are more important than historical climate stability. <i>Plant Ecology and Diversity</i> , 2016 , 9, 253-262	2.2	42
343	The impact of the megafauna extinctions on savanna woody cover in South America. <i>Ecography</i> , 2016 , 39, 213-222	6.5	42
342	Overstorey Control of Understorey Species Composition in a Near-natural Temperate Broadleaved Forest in Denmark. <i>Plant Ecology</i> , 2005 , 181, 113-126	1.7	41
341	Frugivory-related traits promote speciation of tropical palms. <i>Nature Ecology and Evolution</i> , 2017 , 1, 1903-1914	11.4	40
340	Plio-Pleistocene climate change and geographic heterogeneity in plant diversity-environment relationships. <i>Ecography</i> , 2009 , 32, 13-21	6.5	40
339	Spring predictability explains different leaf-out strategies in the woody florals of North America, Europe and East Asia. <i>Ecology Letters</i> , 2017 , 20, 452-460	10	39
338	Monocot leaves are eaten less than dicot leaves in tropical lowland rain forests: correlations with toughness and leaf presentation. <i>Annals of Botany</i> , 2008 , 101, 1379-89	4.1	39
337	Geographic patterns in functional diversity deficits are linked to glacial-interglacial climate stability and accessibility. <i>Global Ecology and Biogeography</i> , 2015 , 24, 826-837	6.1	38
336	Seasonality drives global-scale diversity patterns in waterfowl (Anseriformes) via temporal niche exploitation. <i>Global Ecology and Biogeography</i> , 2014 , 23, 550-562	6.1	38
335	Palaeo-precipitation is a major determinant of palm species richness patterns across Madagascar: a tropical biodiversity hotspot. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20123048	4.4	38

334	To what extent does Tobler's 1st law of geography apply to macroecology? A case study using American palms (Arecaceae). <i>BMC Ecology</i> , 2008 , 8, 11	2.7	38
333	Harvesting of <i>Geonoma macrostachys</i> Mart. leaves for thatch: an exploration of sustainability. <i>Forest Ecology and Management</i> , 2002 , 167, 251-262	3.9	38
332	Introduced herbivores restore Late Pleistocene ecological functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 7871-7878	11.5	37
331	Phenological mismatch with abiotic conditions implications for flowering in Arctic plants. <i>Ecology</i> , 2015 , 96, 775-87	4.6	37
330	Megafauna in the Earth system. <i>Ecography</i> , 2016 , 39, 99-108	6.5	37
329	Classification of European beech forests: a Gordian Knot?. <i>Applied Vegetation Science</i> , 2017 , 20, 494-512	3.3	36
328	Airborne laser scanner (LiDAR) proxies for understory light conditions. <i>Remote Sensing of Environment</i> , 2013 , 134, 152-161	13.2	36
327	Disturbance in dry coastal dunes in Denmark promotes diversity of plants and arthropods. <i>Biological Conservation</i> , 2015 , 182, 243-253	6.2	36
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46	LIDAR explains diversity of plants, fungi, lichens and bryophytes across multiple habitats and large geographic extent		2
45	Alien plant invasion hotspots and invasion debt in European woodlands. <i>Journal of Vegetation Science</i> , 2021 , 32, e13014	3.1	2
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33	Relative roles of local disturbance, current climate and palaeoclimate in determining phylogenetic and functional diversity in Chinese forests		1
32	A life course approach to understanding associations between natural environments and mental well-being for the Danish blood donor cohort. <i>Health and Place</i> , 2021 , 72, 102678	4.6	1
31	Exploring a natural baseline for large herbivore biomass		1
30	Functionally unique, specialised, and endangered (FUSE) species: towards integrated metrics for the conservation prioritisation toolbox		1
29	Widespread latitudinal asymmetry in marginal population performance		1

28	Anthropocene refugia: integrating history and predictive modelling to assess the space available for biodiversity in a human-dominated world		1
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18	Extreme drought reduces climatic disequilibrium in dryland plant communities. <i>Oikos</i> , 2021 , 130, 680-690		1
17	Site-specific modulators control how geophysical and socio-technical drivers shape land use and land cover. <i>Geo: Geography and Environment</i> , 2018 , 5, e00060	0.7	1
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14	Assessment of the wild plants in the Egyptian botanic gardens; Nile region. <i>African Journal of Ecology</i> , 2020 , 58, 874-878	0.8	0
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9	Elephant rewilding indirectly affects the abundance of an arboreal but not generalist savanna lizard. <i>Biodiversity and Conservation</i> , 2021 , 30, 1277-1291	3.4	0
8	A review of the heterogeneous landscape of biodiversity databases: Opportunities and challenges for a synthesized biodiversity knowledge base. <i>Global Ecology and Biogeography</i> ,	6.1	0
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