

Kyle G Dexter

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

6,003
citations

101543

36
h-index

79698

73
g-index

91
all docs

91
docs citations

91
times ranked

8768
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of plant secondary metabolites in shaping regional and local plant community assembly. <i>Journal of Ecology</i> , 2022, 110, 34-45.	4.0	15
2	Climatic niche lability but growth form conservatism in the African woody flora. <i>Ecology Letters</i> , 2022, 25, 1164-1176.	6.4	5
3	A State-of-the-Art Vegetation Map for Jordan: A New Tool for Conservation in a Biodiverse Country. <i>Conservation</i> , 2022, 2, 174-194.	1.7	2
4	Dissecting the difference in tree species richness between Africa and South America. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2112336119.	7.1	14
5	Expanding tropical forest monitoring into Dry Forests: The DRYFLOR protocol for permanent plots. <i>Plants People Planet</i> , 2021, 3, 295-300.	3.3	12
6	Shade alters savanna grass layer structure and function along a gradient of canopy cover. <i>Journal of Vegetation Science</i> , 2021, 32, .	2.2	22
7	Evolutionary heritage shapes tree distributions along an Amazon-to-Andes elevation gradient. <i>Biotropica</i> , 2021, 53, 38-50.	1.6	15
8	Phylogenetic regionalization of tree assemblages reveals novel patterns of evolutionary affinities in the Atlantic Forest. <i>Journal of Biogeography</i> , 2021, 48, 798-810.	3.0	12
9	On the floristic identity of Amazonian vegetation types. <i>Biotropica</i> , 2021, 53, 767-777.	1.6	21
10	Reproductive character displacement and potential underlying drivers in a species-rich and florally diverse lineage of tropical angiosperms (<i>Ruellia</i> ; Acanthaceae). <i>Ecology and Evolution</i> , 2021, 11, 4719-4730.	1.9	4
11	Amazon tree dominance across forest strata. <i>Nature Ecology and Evolution</i> , 2021, 5, 757-767.	7.8	27
12	Genome Skimming Reveals Widespread Hybridization in a Neotropical Flowering Plant Radiation. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	15
13	Ecological co-benefits from sea cucumber farming: <i>Holothuria scabra</i> increases growth rate of seagrass. <i>Aquaculture Environment Interactions</i> , 2021, 13, 301-310.	1.8	6
14	Taking the pulse of Earth's tropical forests using networks of highly distributed plots. <i>Biological Conservation</i> , 2021, 260, 108849.	4.1	71
15	Evolutionary Diversity Peaks at Mid-Elevations Along an Amazon-to-Andes Elevation Gradient. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	8
16	Structural diversity and tree density drives variation in the biodiversity-ecosystem function relationship of woodlands and savannas. <i>New Phytologist</i> , 2021, 232, 579-594.	7.3	16
17	The interaction of land-use history and tree species diversity in driving variation in the aboveground biomass of urban versus non-urban tropical forests. <i>Ecological Indicators</i> , 2021, 129, 107915.	6.3	11
18	Delimiting floristic biogeographic districts in the Cerrado and assessing their conservation status. <i>Biodiversity and Conservation</i> , 2020, 29, 1477-1500.	2.6	44

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19	The strengths and weaknesses of species distribution models in biome delimitation. <i>Global Ecology and Biogeography</i> , 2020, 29, 1770-1784.	5.8	6
20	Floristic evidence for alternative biome states in tropical Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28183-28190.	7.1	41
21	Adaptation and coordinated evolution of plant hydraulic traits. <i>Ecology Letters</i> , 2020, 23, 1599-1610.	6.4	58
22	Freezing and water availability structure the evolutionary diversity of trees across the Americas. <i>Science Advances</i> , 2020, 6, eaaz5373.	10.3	50
23	Biased-corrected richness estimates for the Amazonian tree flora. <i>Scientific Reports</i> , 2020, 10, 10130.	3.3	53
24	Phylogenomic Study of <i>Monechma</i> Reveals Two Divergent Plant Lineages of Ecological Importance in the African Savanna and Succulent Biomes. <i>Diversity</i> , 2020, 12, 237.	1.7	10
25	The evolutionary diversity of urban forests depends on their land-use history. <i>Urban Ecosystems</i> , 2020, 23, 631-643.	2.4	15
26	Diversity and Structure of an Arid Woodland in Southwest Angola, with Comparison to the Wider Miombo Ecoregion. <i>Diversity</i> , 2020, 12, 140.	1.7	10
27	Early growth in a congeneric pair of savanna and seasonal forest trees under different nitrogen and phosphorus availability. <i>Theoretical and Experimental Plant Physiology</i> , 2020, 32, 19-30.	2.4	7
28	Evolutionary diversity in tropical tree communities peaks at intermediate precipitation. <i>Scientific Reports</i> , 2020, 10, 1188.	3.3	41
29	Exploring the Concept of Lineage Diversity across North American Forests. <i>Forests</i> , 2019, 10, 520.	2.1	6
30	Evolutionary diversity is associated with wood productivity in Amazonian forests. <i>Nature Ecology and Evolution</i> , 2019, 3, 1754-1761.	7.8	32
31	Rarity of monodominance in hyperdiverse Amazonian forests. <i>Scientific Reports</i> , 2019, 9, 13822.	3.3	28
32	Differential effects of soil waterlogging on herbaceous and woody plant communities in a Neotropical savanna. <i>Oecologia</i> , 2019, 190, 471-483.	2.0	15
33	Comparative phylogeography of five widespread tree species: Insights into the history of western Amazonia. <i>Ecology and Evolution</i> , 2019, 9, 7333-7345.	1.9	13
34	Drought-induced mortality in Scots pine: opening the metabolic black box. <i>Tree Physiology</i> , 2019, 39, 1358-1370.	3.1	10
35	Compositional response of Amazon forests to climate change. <i>Global Change Biology</i> , 2019, 25, 39-56.	9.5	265
36	Chemocoding as an identification tool where morphological and DNA-based methods fall short: <i>Inga</i> as a case study. <i>New Phytologist</i> , 2018, 218, 847-858.	7.3	25

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37	Species Distribution Modelling: Contrasting presence-only models with plot abundance data. <i>Scientific Reports</i> , 2018, 8, 1003.	3.3	113
38	The environmental triangle of the Cerrado Domain: Ecological factors driving shifts in tree species composition between forests and savannas. <i>Journal of Ecology</i> , 2018, 106, 2109-2120.	4.0	96
39	Lack of floristic identity in campos rupestres – A hyperdiverse mosaic of rocky montane savannas in South America. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2018, 238, 24-31.	1.2	43
40	Aboveground Carbon Storage and Its Links to Stand Structure, Tree Diversity and Floristic Composition in South-Eastern Tanzania. <i>Ecosystems</i> , 2018, 21, 740-754.	3.4	33
41	The long-term ecology and evolution of marine reptiles in a Jurassic seaway. <i>Nature Ecology and Evolution</i> , 2018, 2, 1548-1555.	7.8	48
42	Inserting Tropical Dry Forests Into the Discussion on Biome Transitions in the Tropics. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	2.2	101
43	Using tree species inventories to map biomes and assess their climatic overlaps in lowland tropical South America. <i>Global Ecology and Biogeography</i> , 2018, 27, 899-912.	5.8	69
44	Tracking of Host Defenses and Phylogeny During the Radiation of Neotropical Inga-Feeding Sawflies (Hymenoptera; Argidae). <i>Frontiers in Plant Science</i> , 2018, 9, 1237.	3.6	19
45	Seasonal drought limits tree species across the Neotropics. <i>Ecography</i> , 2017, 40, 618-629.	4.5	143
46	Effects of Quaternary climatic fluctuations on the distribution of Neotropical savanna tree species. <i>Ecography</i> , 2017, 40, 403-414.	4.5	83
47	Forest conservation: Humans' handprints – Response. <i>Science</i> , 2017, 355, 467-467.	12.6	0
48	Forest conservation: Remember Gran Chaco – Response. <i>Science</i> , 2017, 355, 465-466.	12.6	7
49	A new subfamily classification of the Leguminosae based on a taxonomically comprehensive phylogeny: The Legume Phylogeny Working Group (LPWG). <i>Taxon</i> , 2017, 66, 44-77.	0.7	803
50	Maximising Synergy among Tropical Plant Systematists, Ecologists, and Evolutionary Biologists. <i>Trends in Ecology and Evolution</i> , 2017, 32, 258-267.	8.7	52
51	Dispersal assembly of rain forest tree communities across the Amazon basin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2645-2650.	7.1	103
52	Geographical variation in the evolutionary diversity of tree communities across southern South America. <i>Journal of Biogeography</i> , 2017, 44, 2365-2375.	3.0	32
53	Dissecting a biodiversity hotspot: The importance of environmentally marginal habitats in the Atlantic Forest Domain of South America. <i>Diversity and Distributions</i> , 2017, 23, 898-909.	4.1	99
54	Is the <i>Peltogyne gracilipes</i> monodominant forest characterised by distinct soils?. <i>Acta Oecologica</i> , 2017, 85, 104-107.	1.1	12

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55	Coevolutionary arms race versus host defense chase in a tropical herbivore–plant system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7499-E7505.	7.1	123
56	Biogeographic distributions of neotropical trees reflect their directly measured drought tolerances. <i>Scientific Reports</i> , 2017, 7, 8334.	3.3	51
57	<sc>RAD</sc>seq dataset with 90% missing data fully resolves recent radiation of <i>Petalidium</i> (Acanthaceae) in the ultra-arid deserts of Namibia. <i>Ecology and Evolution</i> , 2017, 7, 7920-7936.	1.9	91
58	Plant DNA barcodes and assessment of phylogenetic community structure of a tropical mixed dipterocarp forest in Brunei Darussalam (Borneo). <i>PLoS ONE</i> , 2017, 12, e0185861.	2.5	15
59	Phylogenetic Structure of Foliar Spectral Traits in Tropical Forest Canopies. <i>Remote Sensing</i> , 2016, 8, 196.	4.0	40
60	Evolutionary heritage influences Amazon tree ecology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161587.	2.6	43
61	Plant diversity patterns in neotropical dry forests and their conservation implications. <i>Science</i> , 2016, 353, 1383-1387.	12.6	490
62	Amazonian White-Sand Forests Show Strong Floristic Links with Surrounding Oligotrophic Habitats and the Guiana Shield. <i>Biotropica</i> , 2016, 48, 47-57.	1.6	34
63	Evolutionary patterns of volatile terpene emissions across 202 tropical tree species. <i>Ecology and Evolution</i> , 2016, 6, 2854-2864.	1.9	32
64	Evolutionary patterns of range size, abundance and species richness in Amazonian angiosperm trees. <i>PeerJ</i> , 2016, 4, e2402.	2.0	31
65	Phylogenetic diversity of Amazonian tree communities. <i>Diversity and Distributions</i> , 2015, 21, 1295-1307.	4.1	72
66	Environmental and historical controls of floristic composition across the South American Dry Diagonal. <i>Journal of Biogeography</i> , 2015, 42, 1566-1576.	3.0	75
67	Using targeted enrichment of nuclear genes to increase phylogenetic resolution in the neotropical rain forest genus <i>Inga</i> (Leguminosae: Mimosoideae). <i>Frontiers in Plant Science</i> , 2015, 6, 710.	3.6	147
68	Fast demographic traits promote high diversification rates of Amazonian trees. <i>Ecology Letters</i> , 2014, 17, 527-536.	6.4	63
69	<i>Ficus insipida</i> subsp. <i>insipida</i> (Moraceae) reveals the role of ecology in the phylogeography of widespread Neotropical rain forest tree species. <i>Journal of Biogeography</i> , 2014, 41, 1697-1709.	3.0	25
70	Hyperdominance in the Amazonian Tree Flora. <i>Science</i> , 2013, 342, 1243092.	12.6	873
71	Origin and evolution of Chrysobalanaceae: insights into the evolution of plants in the Neotropics. <i>Botanical Journal of the Linnean Society</i> , 2013, 171, 19-37.	1.6	41
72	Historical effects on beta diversity and community assembly in Amazonian trees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7787-7792.	7.1	62

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73	A new species and a revised record in Namibian <i>Barleria</i> (Acanthaceae). <i>Kew Bulletin</i> , 2012, 67, 759-766.	0.9	8
74	Taxonomic Novelties in Namibian <i>Ruellia</i> (Acanthaceae). <i>Systematic Botany</i> , 2012, 37, 1023-1030.	0.5	8
75	Phylogenetic density dependence and environmental filtering predict seedling mortality in a tropical forest. <i>Ecology Letters</i> , 2012, 15, 34-41.	6.4	106
76	Using functional traits and phylogenetic trees to examine the assembly of tropical tree communities. <i>Journal of Ecology</i> , 2012, 100, 690-701.	4.0	191
77	<i>Inga pitmanii</i> (Fabaceae), a New Species from Madre de Dios, Peru. <i>Novon</i> , 2011, 21, 322-325.	0.3	2
78	Are all seeds equal? Spatially explicit comparisons of seed fall and sapling recruitment in a tropical forest. <i>Ecology Letters</i> , 2011, 14, 195-201.	6.4	82
79	Decomposing dispersal limitation: limits on fecundity or seed distribution?. <i>Journal of Ecology</i> , 2011, 99, 935-944.	4.0	49
80	The influence of dispersal on macroecological patterns of Lesser Antillean birds. <i>Journal of Biogeography</i> , 2010, 37, 2137-2147.	3.0	15
81	Using DNA to assess errors in tropical tree identifications: How often are ecologists wrong and when does it matter?. <i>Ecological Monographs</i> , 2010, 80, 267-286.	5.4	77
82	The evolution of antiherbivore defenses and their contribution to species coexistence in the tropical tree genus <i>Inga</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 18073-18078.	7.1	277
83	<i>Sabal minor</i> (Arecaceae): a New Northern Record of Palms in Eastern North America. <i>Castanea</i> , 2006, 71, 172-177.	0.1	11