David Harris

List of Publications by Year
in descending order

74 papers	5,603 citations	136940 32 h-index	106340 65 g-index
74 all docs	74 docs citations	74 times ranked	8556 citing authors

#	Article	IF	Citations
1	The number of tree species on Earth. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	86
2	A taxonomic treatment of Drypetes calvescens and a new endangered species from the western Congolian swamp forest, D. palustris sp. nov. (Putranjivaceae). Anales Del Jardin Botanico De Madrid, 2022, 79, e120.	0.4	1
3	Tectonics, climate and the diversification of the tropical African terrestrial flora and fauna. Biological Reviews, 2021, 96, 16-51.	10.4	123
4	Large trees in tropical rain forests require big plots. Plants People Planet, 2021, 3, 282-294.	3.3	10
5	Detecting and predicting forest degradation: A comparison of ground surveys and remote sensing in Tanzanian forests. Plants People Planet, 2021, 3, 268-281.	3.3	20
6	Resistance of African tropical forests to an extreme climate anomaly. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	37
7	From town to national park: Understanding the long-term effects of hunting and logging on tree communities in Central Africa. Forest Ecology and Management, 2021, 499, 119571.	3.2	3
8	Using Model Analysis to Unveil Hidden Patterns in Tropical Forest Structures. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	0
9	Resource acquisition strategies facilitate Gilbertiodendron dewevrei monodominance in African lowland forests. Journal of Ecology, 2020, 108, 433-448.	4.0	19
10	Cradles and museums of generic plant diversity across tropical Africa. New Phytologist, 2020, 225, 2196-2213.	7.3	97
11	How long does it take to discover a species?. Systematics and Biodiversity, 2020, 18, 784-793.	1.2	10
12	Long-term thermal sensitivity of Earthâ€™s tropical forests. Science, 2020, 368, 869-874.	12.6	198
13	BELIZE AND THE RBGE: REFLECTING ON 16 YEARS OF COLLABORATIVE TRAINING. Edinburgh Journal of Botany, 2020, 77, 291-309.	0.4	0
14	Asynchronous carbon sink saturation in African and Amazonian tropical forests. Nature, 2020, 579, 80-87.	27.8	439
15	The global abundance of tree palms. Global Ecology and Biogeography, 2020, 29, 1495-1514.	5.8	62
16	The persistence of carbon in the African forest understory. Nature Plants, 2019, 5, 133-140.	9.3	41
17	Tropical monodominant forest resilience to climate change in Central Africa: A Gilbertiodendron dewevrei forest pollen record over the past 2,700Âyears. Journal of Vegetation Science, 2019, 30, 575-586.	2.2	13
18	A third of the tropical African flora is potentially threatened with extinction. Science Advances, 2019, 5, eaax9444.	10.3	80

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19	A taxonomic monograph of Ipomoea integrated across phylogenetic scales. Nature Plants, 2019, 5, 1136-1144.	9.3	67
20	A taxonomic revision of the African genus Desplatsia Bocq. (MalvaceaeÂâ€“ Grewioideae). European Journal of Taxonomy, 2019, , .	0.6	0
21	Beyond trees: Biogeographical regionalization of tropical Africa. Journal of Biogeography, 2018, 45, 1153-1167.	3.0	78
22	Phylogenetic classification of the worldâ€™s tropical forests. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1837-1842.	7.1	144
23	Panâ€tropical prediction of forest structure from the largest trees. Global Ecology and Biogeography, 2018, 27, 1366-1383.	5.8	78
24	FICUS SPECIES IN THE SANGHA TRINATIONAL, CENTRAL AFRICA. Edinburgh Journal of Botany, 2018, 75, 377-420.	0.4	2
25	Diversity and carbon storage across the tropical forest biome. Scientific Reports, 2017, 7, 39102.	3.3	251
26	Comparative analysis of spatial genetic structure in an antâ€“plant symbiosis reveals a tension zone and highlights speciation processes in tropical Africa. Journal of Biogeography, 2017, 44, 1856-1868.	3.0	9
27	A molecular-dated phylogeny and biogeography of the monotypic legume genus Haplormosia, a missing African branch of the otherwise American-Australian Brongniartieae clade. Molecular Phylogenetics and Evolution, 2017, 107, 431-442.	2.7	23
28	Exploring the floristic diversity of tropical Africa. BMC Biology, 2017, 15, 15.	3.8	109
29	A BOTANICAL INVENTORY OF FOREST ON KARSTIC LIMESTONE AND METAMORPHIC SUBSTRATE IN THE CHIQUIBUL FOREST, BELIZE, WITH FOCUS ON WOODY TAXA. Edinburgh Journal of Botany, 2016, 73, 39-81.	0.4	3
30	A new species of Aframomum (Zingiberaceae) from Central Africa . Phytotaxa, 2016, 28, 31.	0.3	2
31	How the temperate world was colonised by bindweeds: biogeography of the Convolvuleae (Convolvulaceae). BMC Evolutionary Biology, 2016, 16, 16.	3.2	13
32	RAINBIO: a mega-database of tropical African vascular plants distributions. PhytoKeys, 2016, 74, 1-18.	1.0	92
33	<p class="HeadingRunIn">Stable citations for herbarium specimens on the internet: an illustration from a taxonomic revision of Duboscia (Malvaceae)</p>. Phytotaxa, 2015, 73, 17.	0.3	15
34	Hemi-epiphytic Ficus (Moraceae) in a Congolese forest. Plant Ecology and Evolution, 2015, 148, 377-386.	0.7	2
35	A foundation monograph of Convolvulus L. (Convolvulaceae). PhytoKeys, 2015, 51, 1-282.	1.0	36
36	An estimate of the number of tropical tree species. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7472-7477.	7.1	335

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37	Widespread mistaken identity in tropical plant collections. Current Biology, 2015, 25, R1066-R1067.	3.9	183
38	The historical origins of palaeotropical intercontinental disjunctions in the pantropical flowering plant family Annonaceae. Perspectives in Plant Ecology, Evolution and Systematics, 2015, 17, 1-16.	2.7	58
39	Flower morphological diversity in Aframomum (Zingiberaceae) from Africa â€“ the importance of distinct floral types with presumably specific pollinator associations, differential habitat adaptations and allopatry in speciation and species maintenance. Plant Ecology and Evolution, 2014, 147, 33-48.	0.7	0
40	Integrating DNA barcode data in a monographic study of Convolvulus. Taxon, 2014, 63, 1287-1306.	0.7	19
41	Influence of 1100 years of burning on the central African rainforest. Ecography, 2014, 37, 1139-1148.	4.5	18
42	Large trees drive forest aboveground biomass variation in moist lowland forests across the tropics. Global Ecology and Biogeography, 2013, 22, 1261-1271.	5.8	365
43	Multi-locus phylogenies of the genus Barteria (Passifloraceae) portray complex patterns in the evolution of myrmecophytism. Molecular Phylogenetics and Evolution, 2013, 66, 824-832.	2.7	12
44	Above-ground biomass and structure of 260 African tropical forests. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120295.	4.0	264
45	A checklist of the vascular plants of the lowland savannas of Belize, Central America. Phytotaxa, 2013, 101, 1.	0.3	19
46	Developing integrated workflows for the digitisation of herbarium specimens using a modular and scalable approach. ZooKeys, 2012, 209, 93-102.	1.1	27
47	Data concepts and their relevance for data capture in large scale digitisation of biological collections. International Journal of Humanities and Arts Computing, 2012, 6, 111-119.	0.4	4
48	Big hitting collectors make massive and disproportionate contribution to the discovery of plant species. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2269-2274.	2.6	35
49	Averting biodiversity collapse in tropical forest protected areas. Nature, 2012, 489, 290-294.	27.8	909
50	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 December 2011 â€“ 31 January 2012. Molecular Ecology Resources, 2012, 12, 570-572.	4.8	23
51	Distribution of Selected Timber Species of a Central African Rain Forest in Relation to Topography and Soil Heterogeneity: Implications for Forest Management. Journal of Sustainable Forestry, 2011, 30, 343-359.	1.4	6
52	A FLORISTIC DESCRIPTION OF THE SAN PASTOR SAVANNA, BELIZE, CENTRAL AMERICA. Edinburgh Journal of Botany, 2011, 68, 273-296.	0.4	3
53	Testing Putative African Tropical Forest Refugia Using Chloroplast and Nuclear DNA Phylogeography. Tropical Plant Biology, 2010, 3, 50-58.	1.9	40
54	THREE NEW SPECIES OF CHASSALIA AND PSYCHOTRIA (RUBIACEAE) FROM CENTRAL AFRICA. Edinburgh Journal of Botany, 2010, 67, 219-233.	0.4	6

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55	Herbaria are a major frontier for species discovery. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 22169-22171.	7.1	279
56	Fire and climate change impacts on lowland forest composition in northern Congo during the last 2580 years from palaeoecological analyses of a seasonally flooded swamp. Holocene, 2009, 19, 79-89.	1.7	59
57	The origin of a mega-diverse genus: datingBegonia(Begoniaceae) using alternative datasets, calibrations and relaxed clock methods. Botanical Journal of the Linnean Society, 2009, 159, 363-380.	1.6	33
58	The Linear Angiosperm Phylogeny Group (LAPG) III: a linear sequence of the families in APG III. Botanical Journal of the Linnean Society, 2009, 161, 128-131.	1.6	159
59	Culture or climate? The relative influences of past processes on the composition of the lowland Congo rainforest. Philosophical Transactions of the Royal Society B: Biological Sciences, 2007, 362, 229-242.	4.0	93
60	On the Taxonomy and Phylogenetic Position of <I>Thomandersia</I>. Systematic Botany, 2007, 32, 415-444.	0.5	18
61	Recent oceanic long-distance dispersal and divergence in the amphi-Atlantic rain forest genus Renealmia L.f. (Zingiberaceae). Molecular Phylogenetics and Evolution, 2007, 44, 968-980.	2.7	49
62	A NEW SPECIES OF DRYPETES (PUTRANJIVACEAE) FROM THE CENTRAL AFRICAN REPUBLIC. Edinburgh Journal of Botany, 2006, 63, 253-256.	0.4	1
63	A PRELIMINARY CHECKLIST OF THE VASCULAR PLANTS OF THE CHIQUIBUL FOREST, BELIZE. Edinburgh Journal of Botany, 2006, 63, 269-321.	0.4	20
64	A SYNOPSIS OF THE GENUS BERLINIA (LEGUMINOSAE â€“ CAESALPINIOIDEAE). Edinburgh Journal of Botany, 2006, 63, 161-182.	0.4	8
65	THE MACAL RIVER: A FLORISTIC AND PHYTOSOCIOLOGICAL STUDY OF A THREATENED RIVERINE VEGETATION COMMUNITY IN BELIZE. Edinburgh Journal of Botany, 2006, 63, 95-118.	0.4	4
66	Pleistocene and pre-Pleistocene Begonia speciation in Africa. Molecular Phylogenetics and Evolution, 2004, 31, 449-461.	2.7	85
67	The phylogenetic position of Aulotandra (Zingiberaceae). Nordic Journal of Botany, 2003, 23, 725-734.	0.5	7
68	Detecting floristic structure and pattern across topographic and moisture gradients in a mixed species Central African forest using IKONOS and Landsat-7 ETM+ images. International Journal of Applied Earth Observation and Geoinformation, 2003, 4, 255-270.	2.8	33
69	The effects of selective logging on forest structure and tree species composition in a Central African forest: implications for management of conservation areas. Forest Ecology and Management, 2003, 183, 249-264.	3.2	155
70	RAPID RADIATION IN AFRAMOMUM (ZINGIBERACEAE): EVIDENCE FROM NUCLEAR RIBOSOMAL DNA INTERNAL TRANSCRIBED SPACER (ITS) SEQUENCES. Edinburgh Journal of Botany, 2000, 57, 377-395.	0.4	40
71	A Revision of the Irvingiaceae in Africa. Bulletin Du Jardin Botanique National De Belgique, 1996, 65, 143.	0.1	45
72	Training in tropical plant identification. , 0, , 160-170.		1

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73	Sangha trees: an identification and training guide to the trees of the northern Republic of Congo. , 0, , 127-145.		1
74	The early evolution of the mega-diverse genus Begonia (Begoniaceae) inferred from organelle DNA phylogenies. Biological Journal of the Linnean Society, 0, 101, 243-250.	1.6	24