

David Harris

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

5,603
citations

156536

32
h-index

120465

65
g-index

74
all docs

74
docs citations

74
times ranked

9514
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, .	3.3	86
2	A taxonomic treatment of <i>Drypetes calvescens</i> and a new endangered species from the western Congolian swamp forest, <i>D. palustris</i> sp. nov. (Putranjivaceae). Anales Del Jardin Botanico De Madrid, 2022, 79, e120.	0.2	1
3	Tectonics, climate and the diversification of the tropical African terrestrial flora and fauna. Biological Reviews, 2021, 96, 16-51.	4.7	123
4	Large trees in tropical rain forests require big plots. Plants People Planet, 2021, 3, 282-294.	1.6	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.	1.6	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, .	3.3	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.	1.4	3
8	Using Model Analysis to Unveil Hidden Patterns in Tropical Forest Structures. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	0
9	Resource acquisition strategies facilitate <i>Gilbertiodendron dewevrei</i> monodominance in African lowland forests. Journal of Ecology, 2020, 108, 433-448.	1.9	19
10	Cradles and museums of generic plant diversity across tropical Africa. New Phytologist, 2020, 225, 2196-2213.	3.5	97
11	How long does it take to discover a species?. Systematics and Biodiversity, 2020, 18, 784-793.	0.5	10
12	Long-term thermal sensitivity of Earth's tropical forests. Science, 2020, 368, 869-874.	6.0	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.	13.7	439
15	The global abundance of tree palms. Global Ecology and Biogeography, 2020, 29, 1495-1514.	2.7	62
16	The persistence of carbon in the African forest understory. Nature Plants, 2019, 5, 133-140.	4.7	41
17	Tropical monodominant forest resilience to climate change in Central Africa: A <i>Gilbertiodendron dewevrei</i> forest pollen record over the past 2,700 years. Journal of Vegetation Science, 2019, 30, 575-586.	1.1	13
18	A third of the tropical African flora is potentially threatened with extinction. Science Advances, 2019, 5, eaax9444.	4.7	80

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19	A taxonomic monograph of Ipomoea integrated across phylogenetic scales. Nature Plants, 2019, 5, 1136-1144.	4.7	67
20	A taxonomic revision of the African genus Desplatsia Bocq. (Malvaceae " Grewioideae). European Journal of Taxonomy, 2019, , .	0.6	0
21	Beyond trees: Biogeographical regionalization of tropical Africa. Journal of Biogeography, 2018, 45, 1153-1167.	1.4	78
22	Phylogenetic classification of the world's tropical forests. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1837-1842.	3.3	144
23	Pan-tropical prediction of forest structure from the largest trees. Global Ecology and Biogeography, 2018, 27, 1366-1383.	2.7	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.	1.6	251
26	Comparative analysis of spatial genetic structure in an ant-plant symbiosis reveals a tension zone and highlights speciation processes in tropical Africa. Journal of Biogeography, 2017, 44, 1856-1868.	1.4	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.	1.2	23
28	Exploring the floristic diversity of tropical Africa. BMC Biology, 2017, 15, 15.	1.7	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	<p class="HeadingRunIn">A new species of <i>Aframomum</i> (Zingiberaceae) from Central Africa</p> . Phytotaxa, 2016, 28, 31.	0.1	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.	0.4	92
33	<p class="HeadingRunIn">Stable citations for herbarium specimens on the internet: an illustration from a taxonomic revision of <i>Duboscia</i> (Malvaceae)</p> . Phytotaxa, 2015, 73, 17.	0.1	15
34	Hemi-epiphytic Ficus (Moraceae) in a Congolese forest. Plant Ecology and Evolution, 2015, 148, 377-386.	0.3	2
35	A foundation monograph of Convolvulus L. (Convolvulaceae). PhytoKeys, 2015, 51, 1-282.	0.4	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.	3.3	335

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37	Widespread mistaken identity in tropical plant collections. <i>Current Biology</i> , 2015, 25, R1066-R1067.	1.8	183
38	The historical origins of palaeotropical intercontinental disjunctions in the pantropical flowering plant family Annonaceae. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2015, 17, 1-16.	1.1	58
39	Flower morphological diversity in <i>Aframomum</i> (Zingiberaceae) from Africa – the importance of distinct floral types with presumably specific pollinator associations, differential habitat adaptations and allopatry in speciation and species maintenance. <i>Plant Ecology and Evolution</i> , 2014, 147, 33-48.	0.3	0
40	Integrating DNA barcode data in a monographic study of <i>Convolvulus</i> . <i>Taxon</i> , 2014, 63, 1287-1306.	0.4	19
41	Influence of 1100 years of burning on the central African rainforest. <i>Ecography</i> , 2014, 37, 1139-1148.	2.1	18
42	Large trees drive forest aboveground biomass variation in moist lowland forests across the tropics. <i>Global Ecology and Biogeography</i> , 2013, 22, 1261-1271.	2.7	365
43	Multi-locus phylogenies of the genus <i>Barteria</i> (Passifloraceae) portray complex patterns in the evolution of myrmecophytism. <i>Molecular Phylogenetics and Evolution</i> , 2013, 66, 824-832.	1.2	12
44	Above-ground biomass and structure of 260 African tropical forests. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120295.	1.8	264
45	A checklist of the vascular plants of the lowland savannas of Belize, Central America. <i>Phytotaxa</i> , 2013, 101, 1.	0.1	19
46	Developing integrated workflows for the digitisation of herbarium specimens using a modular and scalable approach. <i>ZooKeys</i> , 2012, 209, 93-102.	0.5	27
47	Data concepts and their relevance for data capture in large scale digitisation of biological collections. <i>International Journal of Humanities and Arts Computing</i> , 2012, 6, 111-119.	0.3	4
48	Big hitting collectors make massive and disproportionate contribution to the discovery of plant species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2269-2274.	1.2	35
49	Averting biodiversity collapse in tropical forest protected areas. <i>Nature</i> , 2012, 489, 290-294.	13.7	909
50	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 December 2011 – 31 January 2012. <i>Molecular Ecology Resources</i> , 2012, 12, 570-572.	2.2	23
51	Distribution of Selected Timber Species of a Central African Rain Forest in Relation to Topography and Soil Heterogeneity: Implications for Forest Management. <i>Journal of Sustainable Forestry</i> , 2011, 30, 343-359.	0.6	6
52	A FLORISTIC DESCRIPTION OF THE SAN PASTOR SAVANNA, BELIZE, CENTRAL AMERICA. <i>Edinburgh Journal of Botany</i> , 2011, 68, 273-296.	0.4	3
53	Testing Putative African Tropical Forest Refugia Using Chloroplast and Nuclear DNA Phylogeography. <i>Tropical Plant Biology</i> , 2010, 3, 50-58.	1.0	40
54	THREE NEW SPECIES OF CHASSALIA AND PSYCHOTRIA (RUBIACEAE) FROM CENTRAL AFRICA. <i>Edinburgh Journal of Botany</i> , 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.	3.3	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.	0.9	59
57	The origin of a mega-diverse genus: dating <i>Begonia</i> (Begoniaceae) using alternative datasets, calibrations and relaxed clock methods. Botanical Journal of the Linnean Society, 2009, 159, 363-380.	0.8	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.	0.8	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.	1.8	93
60	On the Taxonomy and Phylogenetic Position of <i>Thomandersia</i> . Systematic Botany, 2007, 32, 415-444.	0.2	18
61	Recent oceanic long-distance dispersal and divergence in the amphi-Atlantic rain forest genus <i>Renealmia</i> L.f. (Zingiberaceae). Molecular Phylogenetics and Evolution, 2007, 44, 968-980.	1.2	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 " 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 <i>Begonia</i> speciation in Africa. Molecular Phylogenetics and Evolution, 2004, 31, 449-461.	1.2	85
67	The phylogenetic position of <i>Aulotandra</i> (Zingiberaceae). Nordic Journal of Botany, 2003, 23, 725-734.	0.2	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.	1.4	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.	1.4	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.	0.7	24