

Aaron P Davis

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,621
citations

279798

23
h-index

223800

46
g-index

47
all docs

47
docs citations

47
times ranked

2380
citing authors

#	ARTICLE	IF	CITATIONS
1	The potential for income improvement and biodiversity conservation via specialty coffee in Ethiopia. PeerJ, 2021, 9, e10621.	2.0	12
2	Arabica-like flavour in a heat-tolerant wild coffee species. Nature Plants, 2021, 7, 413-418.	9.3	26
3	Settling a family feud: a high-resolution phylogenomic framework for the Gentianales based on 353 nuclear genes and partial plastomes. American Journal of Botany, 2021, 108, 1143-1165.	1.7	34
4	Six new species of coffee (Coffea) from northern Madagascar. Kew Bulletin, 2021, 76, 497-511.	0.9	31
5	Hot Coffee: The Identity, Climate Profiles, Agronomy, and Beverage Characteristics of Coffea racemosa and C. zanguebariae. Frontiers in Sustainable Food Systems, 2021, 5, .	3.9	13
6	Validating South Sudan as a Center of Origin for Coffea arabica: Implications for Conservation and Coffee Crop Improvement. Frontiers in Sustainable Food Systems, 2021, 5, .	3.9	3
7	956. COFFEA PERRIERI. Curtis's Botanical Magazine, 2020, 37, 341-350.	0.3	0
8	Lost and Found: Coffea stenophylla and C. affinis, the Forgotten Coffee Crop Species of West Africa. Frontiers in Plant Science, 2020, 11, 616.	3.6	15
9	Early growth phase and caffeine content response to recent and projected increases in atmospheric carbon dioxide in coffee (Coffea arabica and C. canephora). Scientific Reports, 2020, 10, 5875.	3.3	11
10	Elucidation of Hosts, Native Distribution, and Habitat of the Coffee Berry Borer (Hypothenemus) Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 3	3.6	8
11	Enset in Ethiopia: a poorly characterized but resilient starch staple. Annals of Botany, 2019, 123, 747-766.	2.9	119
12	Galanthus bursanus (Amaryllidaceae): a new species of snowdrop from the Marmara Sea region, NW Turkey. Kew Bulletin, 2019, 74, 1.	0.9	3
13	The use and misuse of herbarium specimens in evaluating plant extinction risks. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20170402.	4.0	77
14	High extinction risk for wild coffee species and implications for coffee sector sustainability. Science Advances, 2019, 5, eaav3473.	10.3	113
15	Least concern to endangered: Applying climate change projections profoundly influences the extinction risk assessment for wild Arabica coffee. Global Change Biology, 2019, 25, 390-403.	9.5	53
16	16-O-methylcafestol is present in ground roast Arabica coffees: Implications for authenticity testing. Food Chemistry, 2018, 248, 52-60.	8.2	55
17	Using multiple plastid DNA regions to construct the first phylogenetic tree for Asian genera of Coffeae (Ixoroideae, Rubiaceae). Botanical Journal of the Linnean Society, 2018, 188, 132-143.	1.6	5
18	Genotyping-by-sequencing provides the first well-resolved phylogeny for coffee (Coffea) and insights into the evolution of caffeine content in its species. Molecular Phylogenetics and Evolution, 2017, 109, 351-361.	2.7	59

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19	Resilience potential of the Ethiopian coffee sector under climate change. <i>Nature Plants</i> , 2017, 3, 17081.	9.3	145
20	Can Coffee Chemical Compounds and Insecticidal Plants Be Harnessed for Control of Major Coffee Pests?. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 9427-9434.	5.2	18
21	Phylogenetic structure and clade circumscriptions in the Gardenieae complex (Rubiaceae). <i>Taxon</i> , 2014, 63, 801-818.	0.7	28
22	New Caledonian lineages of <i>Psychotria</i> (Rubiaceae) reveal different evolutionary histories and the largest documented plant radiation for the archipelago. <i>Molecular Phylogenetics and Evolution</i> , 2014, 71, 15-35.	2.7	51
23	High genetic diversity of in situ and ex situ populations of Madagascan coffee species: further implications for the management of coffee genetic resources. <i>Tree Genetics and Genomes</i> , 2013, 9, 1295-1312.	1.6	9
24	Snowdrops falling slowly into place: An improved phylogeny for <i>Galanthus</i> (Amaryllidaceae). <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 205-217.	2.7	17
25	An assessment of the genetic integrity of ex situ germplasm collections of three endangered species of <i>Coffea</i> from Madagascar: implications for the management of field germplasm collections. <i>Genetic Resources and Crop Evolution</i> , 2013, 60, 1021-1036.	1.6	18
26	Genetic structure and diversity of coffee (<i>Coffea</i>) across Africa and the Indian Ocean islands revealed using microsatellites. <i>Annals of Botany</i> , 2013, 111, 229-248.	2.9	30
27	Sequence Data from New Plastid and Nuclear COII Regions Resolves Early Diverging Lineages in <i>Coffea</i> (Rubiaceae). <i>Systematic Botany</i> , 2012, 37, 995-1005.	0.5	10
28	Delimitation of the genus <i>Margaritopsis</i> (Rubiaceae) in the Asian, Australasian and Pacific region, based on molecular phylogenetic inference and morphology. <i>Taxon</i> , 2012, 61, 1251-1268.	0.7	23
29	From forest to plantation? Obscure articles reveal alternative host plants for the coffee berry borer, <i>Hypothenemus hampei</i> (Coleoptera: Curculionidae). <i>Biological Journal of the Linnean Society</i> , 2012, 107, 86-94.	1.6	19
30	The Impact of Climate Change on Indigenous Arabica Coffee (<i>Coffea arabica</i>): Predicting Future Trends and Identifying Priorities. <i>PLoS ONE</i> , 2012, 7, e47981.	2.5	279
31	<i>Psilanthus mannii</i> , the type species of <i>Psilanthus</i> , transferred to <i>Coffea</i> . <i>Nordic Journal of Botany</i> , 2011, 29, 471-472.	0.5	38
32	Expression and Trans-Specific Polymorphism of Self-Incompatibility RNases in <i>Coffea</i> (Rubiaceae). <i>PLoS ONE</i> , 2011, 6, e21019.	2.5	57
33	Some Like It Hot: The Influence and Implications of Climate Change on Coffee Berry Borer (<i>Hypothenemus hampei</i>) and Coffee Production in East Africa. <i>PLoS ONE</i> , 2011, 6, e24528.	2.5	235
34	Growing coffee: <i>Psilanthus</i> (Rubiaceae) subsumed on the basis of molecular and morphological data; implications for the size, morphology, distribution and evolutionary history of <i>Coffea</i> . <i>Botanical Journal of the Linnean Society</i> , 2011, 167, 357-377.	1.6	158
35	<i>Coffea toshii</i> sp. nov. (Rubiaceae) from Madagascar. <i>Nordic Journal of Botany</i> , 2010, 28, 134-136.	0.5	11
36	Phylogeny of <i>Tricalysia</i> (Rubiaceae) and its Relationships with Allied Genera Based on Plastid DNA Data: Resurrection of the Genus <i>Empogona</i> . <i>Annals of the Missouri Botanical Garden</i> , 2009, 96, 194-213.	1.3	36

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37	A Global Assessment of Distribution, Diversity, Endemism, and Taxonomic Effort in the Rubiaceae. <i>Annals of the Missouri Botanical Garden</i> , 2009, 96, 68-78.	1.3	141
38	A taxonomic revision of the baracoffea alliance: nine remarkable <i>Coffea</i> species from western Madagascar. <i>Botanical Journal of the Linnean Society</i> , 2008, 158, 355-390.	1.6	31
39	A checklist of the Rubiaceae (coffee family) of Bioko and Annobon (Equatorial Guinea, Gulf of Guinea). <i>Systematics and Biodiversity</i> , 2007, 5, 159-186.	1.2	9
40	Towards a Phylogeny for <i>Coffea</i> (Rubiaceae): Identifying Well-supported Lineages Based on Nuclear and Plastid DNA Sequences. <i>Annals of Botany</i> , 2007, 100, 1565-1583.	2.9	116
41	Searching for the relatives of <i>Coffea</i> (Rubiaceae, Ixoroideae): the circumscription and phylogeny of <i>Coffeae</i> based on plastid sequence data and morphology. <i>American Journal of Botany</i> , 2007, 94, 313-329.	1.7	71
42	An annotated taxonomic conspectus of the genus <i>Coffea</i> (Rubiaceae). <i>Botanical Journal of the Linnean Society</i> , 2006, 152, 465-512.	1.6	347
43	Two new and endangered species of <i>Coffea</i> (Rubiaceae) from the Eastern Arc Mountains (Tanzania) and notes on associated conservation issues. <i>Botanical Journal of the Linnean Society</i> , 2004, 146, 237-245.	1.6	18
44	A Taxonomic Revision of the Genus <i>Amaracarpus</i> (Rubiaceae, Psychotrieae). <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , 2004, 49, 25-68.	0.2	8
45	<i>Galanthus trojanus</i> : a new species of <i>Galanthus</i> (Amaryllidaceae) from north-western Turkey. <i>Botanical Journal of the Linnean Society</i> , 2001, 137, 409-412.	1.6	9
46	The typification and characterization of the genus <i>Psychotria</i> L. (Rubiaceae). <i>Botanical Journal of the Linnean Society</i> , 2001, 135, 35-42.	1.6	45
47	<i>Galanthus xvalentinei</i> nothosubsp. <i>subplicatus</i> (Amaryllidaceae): A New <i>Galanthus</i> Hybrid from North-Western Turkey. <i>Kew Bulletin</i> , 2001, 56, 639.	0.9	7