

Aaron P Davis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2018609/publications.pdf>

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	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
2	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
3	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
4	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
5	Resilience potential of the Ethiopian coffee sector under climate change. <i>Nature Plants</i> , 2017, 3, 17081.	9.3	145
6	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
7	Enset in Ethiopia: a poorly characterized but resilient starch staple. <i>Annals of Botany</i> , 2019, 123, 747-766.	2.9	119
8	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
9	High extinction risk for wild coffee species and implications for coffee sector sustainability. <i>Science Advances</i> , 2019, 5, eaav3473.	10.3	113
10	The use and misuse of herbarium specimens in evaluating plant extinction risks. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20170402.	4.0	77
11	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
12	Genotyping-by-sequencing provides the first well-resolved phylogeny for coffee (<i>Coffea</i>) and insights into the evolution of caffeine content in its species. <i>Molecular Phylogenetics and Evolution</i> , 2017, 109, 351-361.	2.7	59
13	Expression and Trans-Specific Polymorphism of Self-Incompatibility RNases in <i>Coffea</i> (Rubiaceae). <i>PLoS ONE</i> , 2011, 6, e21019.	2.5	57
14	16-O-methylcafesol is present in ground roast Arabica coffees: Implications for authenticity testing. <i>Food Chemistry</i> , 2018, 248, 52-60.	8.2	55
15	Least concern to endangered: Applying climate change projections profoundly influences the extinction risk assessment for wild Arabica coffee. <i>Global Change Biology</i> , 2019, 25, 390-403.	9.5	53
16	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
17	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
18	<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

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19	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
20	Settling a family feud: a high-level phylogenomic framework for the Gentianales based on 353 nuclear genes and partial plastomes. <i>American Journal of Botany</i> , 2021, 108, 1143-1165.	1.7	34
21	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
22	Six new species of coffee (<i>Coffea</i>) from northern Madagascar. <i>Kew Bulletin</i> , 2021, 76, 497-511.	0.9	31
23	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
24	Phylogenetic structure and clade circumscriptions in the <i>Gardenieae</i> complex (Rubiaceae). <i>Taxon</i> , 2014, 63, 801-818.	0.7	28
25	Arabica-like flavour in a heat-tolerant wild coffee species. <i>Nature Plants</i> , 2021, 7, 413-418.	9.3	26
26	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
27	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
28	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
29	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
30	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
31	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
32	Lost and Found: <i>Coffea stenophylla</i> and <i>C. affinis</i> , the Forgotten Coffee Crop Species of West Africa. <i>Frontiers in Plant Science</i> , 2020, 11, 616.	3.6	15
33	Hot Coffee: The Identity, Climate Profiles, Agronomy, and Beverage Characteristics of <i>Coffea racemosa</i> and <i>C. zanguebariae</i> . <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	3.9	13
34	The potential for income improvement and biodiversity conservation via specialty coffee in Ethiopia. <i>PeerJ</i> , 2021, 9, e10621.	2.0	12
35	<i>Coffea toshii</i> sp. nov. (Rubiaceae) from Madagascar. <i>Nordic Journal of Botany</i> , 2010, 28, 134-136.	0.5	11
36	Early growth phase and caffeine content response to recent and projected increases in atmospheric carbon dioxide in coffee (<i>Coffea arabica</i> and <i>C. canephora</i>). <i>Scientific Reports</i> , 2020, 10, 5875.	3.3	11

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37	Sequence Data from New Plastid and Nuclear COSII Regions Resolves Early Diverging Lineages in <i>Coffea</i> (Rubiaceae). <i>Systematic Botany</i> , 2012, 37, 995-1005.	0.5	10
38	<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
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	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
41	A Taxonomic Revision of the Genus <i>Amaracarpus</i> (Rubiaceae, Psychotriaceae). <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , 2004, 49, 25-68.	0.2	8
42	Elucidation of Hosts, Native Distribution, and Habitat of the Coffee Berry Borer (<i>Hypothenemus</i>) <i>Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50 5</i>	3.6	8
43	<i>Galanthus xvalentinei nothosubsp. subplicatus</i> (Amaryllidaceae): A New <i>Galanthus</i> Hybrid from North-Western Turkey. <i>Kew Bulletin</i> , 2001, 56, 639.	0.9	7
44	Using multiple plastid DNA regions to construct the first phylogenetic tree for Asian genera of Coffeaeae (Ixoroideae, Rubiaceae). <i>Botanical Journal of the Linnean Society</i> , 2018, 188, 132-143.	1.6	5
45	<i>Galanthus bursanus</i> (Amaryllidaceae): a new species of snowdrop from the Marmara Sea region, NW Turkey. <i>Kew Bulletin</i> , 2019, 74, 1.	0.9	3
46	Validating South Sudan as a Center of Origin for <i>Coffea arabica</i> : Implications for Conservation and Coffee Crop Improvement. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	3.9	3
47	956. <i>COFFEA PERRIERI</i> . <i>Curtis's Botanical Magazine</i> , 2020, 37, 341-350.	0.3	0