

Santiago Madrid

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,400
citations

257357

24
h-index

214721

47
g-index

53
all docs

53
docs citations

53
times ranked

3157
citing authors

#	ARTICLE	IF	CITATIONS
1	A proposal for a standardised protocol to barcode all land plants. <i>Taxon</i> , 2007, 56, 295-299.	0.4	457
2	Páramo is the world's fastest evolving and coolest biodiversity hotspot. <i>Frontiers in Genetics</i> , 2013, 4, 192.	1.1	341
3	Drought Tolerance in Wild Plant Populations: The Case of Common Beans (<i>Phaseolus vulgaris</i> L.). <i>PLoS ONE</i> , 2013, 8, e62898.	1.1	137
4	Nucleotide diversity patterns at the drought-related DREB2 encoding genes in wild and cultivated common bean (<i>Phaseolus vulgaris</i> L.). <i>Theoretical and Applied Genetics</i> , 2012, 125, 1069-1085.	1.8	114
5	The Great American Biotic Interchange in frogs: Multiple and early colonization of Central America by the South American genus <i>Pristimantis</i> (Anura: Craugastoridae). <i>Molecular Phylogenetics and Evolution</i> , 2012, 62, 954-972.	1.2	103
6	Molecular ecology and selection in the drought-related <i>Asr</i> gene polymorphisms in wild and cultivated common bean (<i>Phaseolus vulgaris</i> L.). <i>BMC Genetics</i> , 2012, 13, 58.	2.7	100
7	Molecular phylogenetics and morphological evolution of St. John's wort (<i>Hypericum</i> ; Hypericaceae). <i>Molecular Phylogenetics and Evolution</i> , 2013, 66, 1-16.	1.2	86
8	Explosive radiation in high Andean <i>Hypericum</i> rates of diversification among New World lineages. <i>Frontiers in Genetics</i> , 2013, 4, 175.	1.1	83
9	Temperate radiations and dying embers of a tropical past: the diversification of <i>Viburnum</i> . <i>New Phytologist</i> , 2015, 207, 340-354.	3.5	80
10	On the Causes of Rapid Diversification in the Páramos: Isolation by Ecology and Genomic Divergence in Espeletia. <i>Frontiers in Plant Science</i> , 2018, 9, 1700.	1.7	58
11	Phylogenetic relationships of Cranichidinae and Prescottiinae (Orchidaceae, Cranichideae) inferred from plastid and nuclear DNA sequences. <i>Annals of Botany</i> , 2009, 104, 403-416.	1.4	57
12	Molecular phylogenetics of <i>Oreobolus</i> (Cyperaceae) and the origin and diversification of the American species. <i>Taxon</i> , 2006, 55, 359-366.	0.4	55
13	Angiosperm flora and biogeography of the páramo region of Colombia, Northern Andes. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2014, 209, 81-87.	0.6	54
14	Turbo-taxonomy to assemble a megadiverse lichen genus: seventy new species of <i>Cora</i> (Basidiomycota). <i>Journal of Diversity</i> , 2017, 84, 139-207.	4.7	54
15	The age of chocolate: a diversification history of <i>Theobroma</i> and Malvaceae. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	1.1	48
16	Convergent evolution of high elevation plant growth forms and geographically structured variation in Andean <i>Lupinus</i> (Fabaceae). <i>Botanical Journal of the Linnean Society</i> , 2018, 187, 118-136.	0.8	48
17	Climate Vulnerability Assessment of the Espeletia Complex on Páramo Sky Islands in the Northern Andes. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	48
18	Lost crops of the Incas: Origins of domestication of the Andean pulse crop tarwi, <i>Lupinus mutabilis</i> . <i>American Journal of Botany</i> , 2016, 103, 1592-1606.	0.8	47

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19	Plastid Genomes of Five Species of Riverweeds (Podostemaceae): Structural Organization and Comparative Analysis in Malpighiales. <i>Frontiers in Plant Science</i> , 2019, 10, 1035.	1.7	43
20	Relationships between the litter colonization by saprotrophic and arbuscular mycorrhizal fungi with depth in a tropical forest. <i>Fungal Biology</i> , 2012, 116, 747-755.	1.1	36
21	Mining threatens Colombian ecosystems. <i>Science</i> , 2018, 359, 1475-1475.	6.0	33
22	Phylogenetic patterns in the genus <i>Manihot</i> (Euphorbiaceae) inferred from analyses of nuclear and chloroplast DNA regions. <i>Molecular Phylogenetics and Evolution</i> , 2008, 49, 260-267.	1.2	30
23	Growth pattern and age determination for <i>Cecropia sciadophylla</i> (Urticaceae). <i>American Journal of Botany</i> , 2008, 95, 263-271.	0.8	29
24	Genetic diversity in the Andes: variation within and between the South American species of <i>Oreobolus</i> R. Br. (Cyperaceae). <i>Alpine Botany</i> , 2017, 127, 155-170.	1.1	29
25	Phenolic profile, chemical relationship and antifungal activity of Andean <i>Hypericum</i> species. <i>Industrial Crops and Products</i> , 2018, 112, 32-37.	2.5	26
26	Phylogeny of the Cecropieae (Urticaceae) and the Evolution of an Ant-Plant Mutualism. <i>Systematic Botany</i> , 2016, 41, 56-66.	0.2	22
27	Tracing the fossil pollen record of <i>Hedyosmum</i> (Chloranthaceae), an old lineage with recent Neotropical diversification. <i>Grana</i> , 2013, 52, 161-180.	0.4	20
28	A Late Cretaceous <i>Piper</i> (Piperaceae) from Colombia and diversification patterns for the genus. <i>American Journal of Botany</i> , 2015, 102, 273-289.	0.8	19
29	Phylogeny and biogeography of <i>Caryodaphnopsis</i> (Lauraceae) inferred from low-copy nuclear gene and ITS sequences. <i>Taxon</i> , 2016, 65, 433-443.	0.4	17
30	Paleogene <i>Salvinia</i> (Salviniaceae) from Colombia and their paleobiogeographic implications. <i>Review of Palaeobotany and Palynology</i> , 2017, 246, 85-108.	0.8	15
31	Age structure of male <i>Euglossa imperialis</i> (Hymenoptera: Apidae: Euglossini) at nectar and chemical sources in Panama. <i>Journal of Tropical Ecology</i> , 1988, 4, 303-306.	0.5	14
32	Using dated molecular phylogenies to help reconstruct geological, climatic, and biological history: Examples from Colombia. <i>Geological Journal</i> , 2018, 53, 2935-2943.	0.6	13
33	Transcriptome mining for phylogenetic markers in a recently radiated genus of tropical plants (<i>Renealmia</i> L.f., Zingiberaceae). <i>Molecular Phylogenetics and Evolution</i> , 2018, 119, 13-24.	1.2	13
34	The Origins of Coca: Museum Genomics Reveals Multiple Independent Domestications from Progenitor <i>Erythroxylum gracilipes</i> . <i>Systematic Biology</i> , 2021, 70, 1-13.	2.7	10
35	NUEVOS REGISTROS DE HELECHOS Y CONÁFERAS DEL CRETÁCICO INFERIOR EN LA CUENCA DEL VALLE SUPERIOR DEL MAGDALENA, COLOMBIA. <i>Boletín De Geología</i> , 2016, 38, 29-42.	0.1	9
36	Chemical Composition and Antibacterial Activity of the Essential Oil of <i>Drimys granadensis</i> L. Leaves from Colombia. <i>Chemistry and Biodiversity</i> , 2011, 8, 532-539.	1.0	8

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37	Evolution of the aquatic habit in <i>Ludwigia</i> (Onagraceae): Morpho-anatomical adaptive strategies in the Neotropics. <i>Aquatic Botany</i> , 2015, 120, 352-362.	0.8	8
38	Character Evolution and Recircumscription of the Northern Andean <i>Begonia</i> Section <i>Casparya</i> (Begoniaceae). <i>Systematic Botany</i> , 2019, 44, 52-65.	0.2	4
39	Potent Antifungal Properties of Dimeric Acylphloroglucinols from <i>Hypericum mexicanum</i> and Mechanism of Action of a Highly Active 3-Prenyl Uliginosin B. <i>Metabolites</i> , 2020, 10, 459.	1.3	4
40	Caracterización biológica en la zona de transición bosque-páramo del Complejo de Páramos Chingaza, Colombia. <i>Biota Colombiana</i> , 2019, 20, 132-145.	0.1	4
41	Morphology and Anatomy of <i>Guacamaya superba</i> (Rapateaceae) and <i>Schoenocephalieae</i> with Notes on the Natural History of the Flor de Árida. <i>Harvard Papers in Botany</i> , 2016, 21, 105-123.	0.1	3
42	A new species of <i>Begonia</i> section <i>Casparya</i> from the Colombian Eastern Cordillera and a key to the Colombian <i>Casparya</i> . <i>Phytotaxa</i> , 2017, 321, 208.	0.1	3
43	Andean orogeny and the diversification of lowland neotropical rain forest trees: A case study in Sapotaceae. <i>Global and Planetary Change</i> , 2021, 201, 103481.	1.6	3
44	Anatomía foliar de ocho especies de orquídeas epífitas. <i>Lankesteriana</i> , 2015, 11, .	0.2	3
45	The origin of Humboldt and Bonpland's holotype of <i>Oncidium ornithorhynchum</i> , clarified using +200-year-old DNA. <i>Taxon</i> , 2019, 68, 471-480.	0.4	2
46	Vegetación leñosa de un remanente de bosque seco tropical en el Caribe colombiano. <i>Colombia Forestal</i> , 2022, 25, 51-66.	0.5	2
47	New Species of <i>Rhodostemonodaphne</i> (Lauraceae) from Northeastern South America. <i>Brittonia</i> , 1996, 48, 45.	0.8	1
48	Una nueva especie de <i>Puya</i> (Bromeliaceae) de los páramos cercanos a Bogotá, Colombia. <i>Revista De La Academia Colombiana De Ciencias Exactas, Físicas Y Naturales</i> , 2015, 39, 389.	0.0	1
49	Composición y estructura vegetal de una parcela de vegetación en un relicto de bosque seco tropical en el Caribe colombiano. <i>Biota Colombiana</i> , 2022, 23, e954.	0.1	1
50	Molecular Systematics, Species Concepts, and Myrmecophytism in <i>Cecropia</i> (Cecropiaceae). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.2	0