

Gerardo Aymard C

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

5,615
citations

394421

19
h-index

361022

35
g-index

40
all docs

40
docs citations

40
times ranked

8813
citing authors

#	ARTICLE	IF	CITATIONS
1	Drought Sensitivity of the Amazon Rainforest. <i>Science</i> , 2009, 323, 1344-1347.	12.6	1,443
2	Hyperdominance in the Amazonian Tree Flora. <i>Science</i> , 2013, 342, 1243092.	12.6	873
3	Plant diversity patterns in neotropical dry forests and their conservation implications. <i>Science</i> , 2016, 353, 1383-1387.	12.6	490
4	Drought-related mortality relationships for tropical forests. <i>New Phytologist</i> , 2010, 187, 631-646.	7.3	487
5	Persistent effects of pre-Columbian plant domestication on Amazonian forest composition. <i>Science</i> , 2017, 355, 925-931.	12.6	443
6	Tree height integrated into pantropical forest biomass estimates. <i>Biogeosciences</i> , 2012, 9, 3381-3403.	3.3	373
7	Diversity and carbon storage across the tropical forest biome. <i>Scientific Reports</i> , 2017, 7, 39102.	3.3	251
8	Markedly divergent estimates of Amazon forest carbon density from ground plots and satellites. <i>Global Ecology and Biogeography</i> , 2014, 23, 935-946.	5.8	248
9	Long-term thermal sensitivity of Earth's tropical forests. <i>Science</i> , 2020, 368, 869-874.	12.6	198
10	Phylogenetic classification of the world's tropical forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1837-1842.	7.1	144
11	Estimating the global conservation status of more than 15,000 Amazonian tree species. <i>Science Advances</i> , 2015, 1, e1500936.	10.3	122
12	Variation in stem mortality rates determines patterns of above-ground biomass in Amazonian forests: implications for dynamic global vegetation models. <i>Global Change Biology</i> , 2016, 22, 3996-4013.	9.5	116
13	Does the disturbance hypothesis explain the biomass increase in basin-wide Amazon forest plot data?. <i>Global Change Biology</i> , 2009, 15, 2418-2430.	9.5	74
14	Phylogenetic diversity of Amazonian tree communities. <i>Diversity and Distributions</i> , 2015, 21, 1295-1307.	4.1	72
15	Fast demographic traits promote high diversification rates of Amazonian trees. <i>Ecology Letters</i> , 2014, 17, 527-536.	6.4	63
16	Towards a dynamic list of Amazonian tree species. <i>Scientific Reports</i> , 2019, 9, 3501.	3.3	54
17	Evolutionary diversity is associated with wood productivity in Amazonian forests. <i>Nature Ecology and Evolution</i> , 2019, 3, 1754-1761.	7.8	32
18	Amazon tree dominance across forest strata. <i>Nature Ecology and Evolution</i> , 2021, 5, 757-767.	7.8	27

#	ARTICLE	IF	CITATIONS
19	Environmental drivers of forest structure and stem turnover across Venezuelan tropical forests. PLoS ONE, 2018, 13, e0198489.	2.5	22
20	Phytogeography of the vascular páramo flora of Ramal de Guaramacal (Andes, Venezuela) and its ties to other páramo floras. Anales Del Jardin Botanico De Madrid, 2010, 67, 177-193.	0.4	17
21	Flora and Vegetation of the Venezuelan Llanos: A Review. , 2006, , 95-120.		14
22	Novelty in the tropical forests of the 21st century. Advances in Ecological Research, 2020, , 53-116.	2.7	10
23	Breve reseña de los aspectos taxonómicos y nomenclaturales actuales del género Cinchona (Rubiaceae-Cinchoneae). Revista De La Academia Colombiana De Ciencias Exactas, Físicas Y Naturales, 0, , 234-241.	0.2	8
24	Two new species of Ophiocaryon (Sabiaceae) from South America. Brittonia, 2006, 58, 270.	0.2	6
25	A new species of Securidaca (Polygalaceae) from sandstone outcrops in the Venezuelan Andes. Brittonia, 2007, 59, 328-333.	0.2	5
26	A New Species of Doliocarpus and a New Species of Tetracera (Dilleniaceae) from Brazil. Novon, 2003, 13, 1.	0.3	4
27	Duranta neblinensis (Verbenaceae, Duranteae): A new species from Sierra de la Neblina, Amazonas state, Venezuela. Brittonia, 2012, 64, 246-251.	0.2	4
28	Davilla hirsuticarpa (Dilleniaceae), a new species from the Atlantic Forest of Brazil. Plant Ecology and Evolution, 2017, 150, 367-373.	0.7	3
29	A New Species of Rourea (Connaraceae) from the Venezuelan Guayana. Brittonia, 1996, 48, 580.	0.2	2
30	Dilleniaceae Novae Neotropicae VIII. Two New Species of Davilla from Brazil. Brittonia, 1998, 50, 51.	0.2	2
31	A New Species of Andira (Leguminosae, Papilionoideae) from the Venezuelan Guayana. Novon, 1997, 7, 72.	0.3	1
32	A New Species of Ruprechtia (Polygonaceae) from the Venezuelan Guayana. Novon, 1999, 9, 313.	0.3	1
33	Rudgea tayloriae (Rubiaceae), an Unusual New Species from the Eastern Slopes of the Venezuelan Andes. Novon, 1999, 9, 315.	0.3	1
34	Dilleniaceae Novae Neotropicae: XI. A New Subandean Species of Doliocarpus. Brittonia, 2000, 52, 196.	0.2	1
35	A new species of Tetracera (Dilleniaceae) from Guyana. Brittonia, 2002, 54, 275.	0.2	1
36	Novelties in Dilleniaceae from Ecuador. Harvard Papers in Botany, 2015, 20, 209-212.	0.2	1

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37	Reconsidering <i>Strychnos gubleri</i> (Loganiaceae). <i>Harvard Papers in Botany</i> , 2015, 20, 29-37.	0.2	1
38	A new species of <i>Canavalia</i> (Leguminosae, Papilionoideae) subgenus <i>Wenderothia</i> from the Colombian and Venezuelan Llanos. <i>Brittonia</i> , 2018, 70, 233-240.	0.2	1
39	Three New Species of <i>Biophytum</i> (Oxalidaceae) from the Venezuelan Guayana. <i>Novon</i> , 2003, 13, 174.	0.3	0
40	<i>Moutabea chartacea</i> (Polygalaceae), a new species from the north-central Amazon and Guayana Shield. <i>Revista De La Academia Colombiana De Ciencias Exactas, Fisicas Y Naturales</i> , 2018, 42, 232.	0.2	0