EurÃdice Honorio Coronado

List of Publications by Year
in descending order

87 papers	9,175 citations	71102 41 h-index	51608 86 g-index
90 all docs	90 docs citations	90 times ranked	11048 citing authors

#	Article	IF	Citations
1	Drought Sensitivity of the Amazon Rainforest. Science, 2009, 323, 1344-1347.	12.6	1,443
2	Hyperdominance in the Amazonian Tree Flora. Science, 2013, 342, 1243092.	12.6	873
3	Long-term decline of the Amazon carbon sink. Nature, 2015, 519, 344-348.	27.8	796
4	Droughtâ€“mortality relationships for tropical forests. New Phytologist, 2010, 187, 631-646.	7.3	487
5	Basin-wide variations in Amazon forest structure and function are mediated by both soils and climate. Biogeosciences, 2012, 9, 2203-2246.	3.3	487
6	Persistent effects of pre-Columbian plant domestication on Amazonian forest composition. Science, 2017, 355, 925-931.	12.6	443
7	Tree height integrated into pantropical forest biomass estimates. Biogeosciences, 2012, 9, 3381-3403.	3.3	373
8	Compositional response of Amazon forests to climate change. Global Change Biology, 2019, 25, 39-56.	9.5	265
9	Diversity and carbon storage across the tropical forest biome. Scientific Reports, 2017, 7, 39102.	3.3	251
10	Markedly divergent estimates of <scp>A</scp>mazon forest carbon density from ground plots and satellites. Global Ecology and Biogeography, 2014, 23, 935-946.	5.8	248
11	Hyperdominance in Amazonian forest carbon cycling. Nature Communications, 2015, 6, 6857.	12.8	214
12	Amazon forest response to repeated droughts. Global Biogeochemical Cycles, 2016, 30, 964-982.	4.9	201
13	Long-term thermal sensitivity of Earthâ€™s tropical forests. Science, 2020, 368, 869-874.	12.6	198
14	Introducing global peat-specific temperature and pH calibrations based on brGDGT bacterial lipids. Geochimica Et Cosmochimica Acta, 2017, 208, 285-301.	3.9	177
15	The distribution and amount of carbon in the largest peatland complex in Amazonia. Environmental Research Letters, 2014, 9, 124017.	5.2	155
16	Seasonal drought limits tree species across the Neotropics. Ecography, 2017, 40, 618-629.	4.5	143
17	Estimating the global conservation status of more than 15,000 Amazonian tree species. Science Advances, 2015, 1, e1500936.	10.3	122
18	Vegetation development in an Amazonian peatland. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 374, 242-255.	2.3	116

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19	Variation in stem mortality rates determines patterns of aboveâ€ground biomass in <scp>A</scp>mazonian forests: implications for dynamic global vegetation models. Global Change Biology, 2016, 22, 3996-4013.	9.5	116
20	Species Distribution Modelling: Contrasting presence-only models with plot abundance data. Scientific Reports, 2018, 8, 1003.	3.3	113
21	Low stocks of coarse woody debris in a southwest Amazonian forest. Oecologia, 2007, 152, 495-504.	2.0	87
22	Estimation of biomass and carbon stocks: the case of the Atlantic Forest. Biota Neotropica, 2008, 8, 21-29.	1.0	82
23	Panâ€tropical prediction of forest structure from the largest trees. Global Ecology and Biogeography, 2018, 27, 1366-1383.	5.8	78
24	Estimating aboveground net biomass change for tropical and subtropical forests: Refinement of IPCC default rates using forest plot data. Global Change Biology, 2019, 25, 3609-3624.	9.5	78
25	Does the disturbance hypothesis explain the biomass increase in basinâ€wide Amazon forest plot data?. Global Change Biology, 2009, 15, 2418-2430.	9.5	74
26	Phylogenetic diversity of Amazonian tree communities. Diversity and Distributions, 2015, 21, 1295-1307.	4.1	72
27	Threats to intact tropical peatlands and opportunities for their conservation. Conservation Biology, 2017, 31, 1283-1292.	4.7	70
28	Fast demographic traits promote high diversification rates of Amazonian trees. Ecology Letters, 2014, 17, 527-536.	6.4	63
29	Implications of collection patterns of botanical specimens on their usefulness for conservation planning: an example of two neotropical plant families (Moraceae and Myristicaceae) in Peru. Biodiversity and Conservation, 2007, 16, 659-677.	2.6	62
30	Tree mode of death and mortality risk factors across Amazon forests. Nature Communications, 2020, 11, 5515.	12.8	62
31	The global abundance of tree palms. Global Ecology and Biogeography, 2020, 29, 1495-1514.	5.8	62
32	Non-structural carbohydrates mediate seasonal water stress across Amazon forests. Nature Communications, 2021, 12, 2310.	12.8	59
33	Ecology of Testate Amoebae in an Amazonian Peatland and Development of a Transfer Function for Palaeohydrological Reconstruction. Microbial Ecology, 2014, 68, 284-298.	2.8	57
34	Biased-corrected richness estimates for the Amazonian tree flora. Scientific Reports, 2020, 10, 10130.	3.3	53
35	Low Phylogenetic Beta Diversity and Geographic Neoâ€endemism in Amazonian Whiteâ€sand Forests. Biotropica, 2016, 48, 34-46.	1.6	52
36	Maximising Synergy among Tropical Plant Systematists, Ecologists, and Evolutionary Biologists. Trends in Ecology and Evolution, 2017, 32, 258-267.	8.7	52

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37	Multi-scale comparisons of tree composition in Amazonian terra firme forests. Biogeosciences, 2009, 6, 2719-2731.	3.3	49
38	Can timber provision from Amazonian production forests be sustainable?. Environmental Research Letters, 2019, 14, 064014.	5.2	47
39	Soil physical conditions limit palm and tree basal area in Amazonian forests. Plant Ecology and Diversity, 2014, 7, 215-229.	2.4	45
40	Carbon recovery dynamics following disturbance by selective logging in Amazonian forests. ELife, 2016, 5, .	6.0	45
41	The Forest Observation System, building a global reference dataset for remote sensing of forest biomass. Scientific Data, 2019, 6, 198.	5.3	44
42	The high hydraulic conductivity of three wooded tropical peat swamps in northeast Peru: measurements and implications for hydrological function. Hydrological Processes, 2014, 28, 3373-3387.	2.6	43
43	Evolutionary heritage influences Amazon tree ecology. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161587.	2.6	43
44	Peatland forests are the least diverse tree communities documented in Amazonia, but contribute to high regional betaâ€diversity. Ecography, 2018, 41, 1256-1269.	4.5	35
45	Evolutionary diversity is associated with wood productivity in Amazonian forests. Nature Ecology and Evolution, 2019, 3, 1754-1761.	7.8	32
46	Rarity of monodominance in hyperdiverse Amazonian forests. Scientific Reports, 2019, 9, 13822.	3.3	28
47	Amazon tree dominance across forest strata. Nature Ecology and Evolution, 2021, 5, 757-767.	7.8	27
48	<i>Ficus insipida</i> subsp. <i>insipida</i> (Moraceae) reveals the role of ecology in the phylogeography of widespread Neotropical rain forest tree species. Journal of Biogeography, 2014, 41, 1697-1709.	3.0	25
49	Imaging spectroscopy predicts variable distance decay across contrasting Amazonian tree communities. Journal of Ecology, 2019, 107, 696-710.	4.0	25
50	Risks to carbon storage from land-use change revealed by peat thickness maps of Peru. Nature Geoscience, 2022, 15, 369-374.	12.9	25
51	Identifying and Quantifying the Abundance of Economically Important Palms in Tropical Moist Forest Using UAV Imagery. Remote Sensing, 2020, 12, 9.	4.0	24
52	The Geochemistry of Amazonian Peats. Wetlands, 2014, 34, 905-915.	1.5	23
53	Dominant tree species drive beta diversity patterns in western Amazonia. Ecology, 2019, 100, e02636.	3.2	23
54	Continuous human presence without extensive reductions in forest cover over the past 2500 years in an aseasonal Amazonian rainforest. Journal of Quaternary Science, 2018, 33, 369-379.	2.1	21

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55	Aboveground forest biomass varies across continents, ecological zones and successional stages: refined IPCC default values for tropical and subtropical forests. Environmental Research Letters, 2022, 17, 014047.	5.2	21
56	Impacts of Mauritia flexuosa degradation on the carbon stocks of freshwater peatlands in the Pastaza-MaraÃ±Ã³n river basin of the Peruvian Amazon. Mitigation and Adaptation Strategies for Global Change, 2019, 24, 645-668.	2.1	20
57	Individual-Based Modeling of Amazon Forests Suggests That Climate Controls Productivity While Traits Control Demography. Frontiers in Earth Science, 2019, 7, .	1.8	19
58	Making forest data fair and open. Nature Ecology and Evolution, 2022, 6, 656-658.	7.8	18
59	Water table depth modulates productivity and biomass across Amazonian forests. Global Ecology and Biogeography, 2022, 31, 1571-1588.	5.8	17
60	Intensive field sampling increases the known extent of carbon-rich Amazonian peatland pole forests. Environmental Research Letters, 2021, 16, 074048.	5.2	15
61	Floral morphology and anatomy of Ophiocaryon, a paedomorphic genus of Sabiaceae. Annals of Botany, 2017, 120, 819-832.	2.9	13
62	Comparative phylogeography of five widespread tree species: Insights into the history of western Amazonia. Ecology and Evolution, 2019, 9, 7333-7345.	1.9	13
63	Tropical peatlands and their conservation are important in the context of COVID-19 and potential future (zoonotic) disease pandemics. PeerJ, 2020, 8, e10283.	2.0	13
64	Assessing the Ability of Chloroplast and Nuclear DNA Gene Markers to Verify the Geographic Origin of Jatoba (Hymenaea courbaril L.) Timber. Journal of Heredity, 2018, 109, 543-552.	2.4	11
65	Development of nuclear and plastid SNP markers for genetic studies of Dipteryx tree species in Amazonia. Conservation Genetics Resources, 2019, 11, 333-336.	0.8	11
66	Predicting the geographic origin of Spanish Cedar (Cedrela odorata L.) based on DNA variation. Conservation Genetics, 2020, 21, 625-639.	1.5	11
67	Optimal strategies for ecosystem services provision in Amazonian production forests. Environmental Research Letters, 2019, 14, 124090.	5.2	9
68	Nuclear and chloroplastic SNP markers for genetic studies of timber origin for Hymenaea trees. Conservation Genetics Resources, 2019, 11, 329-331.	0.8	8
69	EL EL SUMIDERO DE CARBONO EN LOS BOSQUES PRIMARIOS AMAZÃ“NICOS ES UNA OPORTUNIDAD PARA LOGRAR LA SOSTENIBILIDAD DE SU CONSERVACIÃ“N. Folia AmazÃ³nica, 2019, 27, 101-109.	0.1	8
70	The phylogeography of two disjunct Neotropical Ficus (Moraceae) species reveals contrasted histories between the Amazon and the Atlantic Forests. Botanical Journal of the Linnean Society, 2017, 185, 272-289.	1.6	7
71	Nuclear and plastidial SNP and INDEL markers for genetic tracking studies of Jacaranda copaia. Conservation Genetics Resources, 2019, 11, 341-343.	0.8	7
72	Patterns and drivers of development in a west Amazonian peatland during the late Holocene. Quaternary Science Reviews, 2020, 230, 106168.	3.0	7

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73	SNP Markers as a Successful Molecular Tool for Assessing Species Identity and Geographic Origin of Trees in the Economically Important South American Legume Genus<i>Dipteryx</i>. Journal of Heredity, 2020, 111, 346-356.	2.4	6
74	From plots to policy: How to ensure longâ€term forest plot data supports environmental management in intact tropical forest landscapes. Plants People Planet, 2021, 3, 229-237.	3.3	6
75	Sustainable palm fruit harvesting as a pathway to conserve Amazon peatland forests. Nature Sustainability, 2022, 5, 479-487.	23.7	6
76	Forest Fire History in Amazonia Inferred From Intensive Soil Charcoal Sampling and Radiocarbon Dating. Frontiers in Forests and Global Change, 2022, 5, .	2.3	6
77	Does soil pyrogenic carbon determine plant functional traits in Amazon Basin forests?. Plant Ecology, 2017, 218, 1047-1062.	1.6	5
78	Molecular evidence for three genetic species of Dipteryx in the Peruvian Amazon. Genetica, 2020, 148, 1-11.	1.1	5
79	Confronting ethical challenges in long-term research programs in the tropics. Biological Conservation, 2021, 255, 108933.	4.1	5
80	EVALUACIÃ“N DE LAS TÃ‰CNICAS DE APROVECHAMIENTO DE FRUTOS DE AGUAJE (Mauritia Flexuosa L.f.) EN EL DISTRITO DE JENARO HERRERA, LORETO, PERÃš. Folia AmazÃ³nica, 2019, 27, 131-150.	0.1	5
81	Development of nuclear and plastid SNP and INDEL markers for population genetic studies and timber traceability of Carapa species. Conservation Genetics Resources, 2019, 11, 337-339.	0.8	4
82	Nuclear and plastid SNP markers for tracing Cedrela timber in the tropics. Conservation Genetics Resources, 2020, 12, 239-244.	0.8	4
83	IMPACTO DE LA CONSTRUCCIÃ“N DE LA CARRETERA IQUITOS-SARAMIRIZA SOBRE LOS BOSQUES Y TURBERAS DEL RÃO TIGRE, LORETO, PERÃš. Folia AmazÃ³nica, 2021, 29, 65-87.	0.1	3
84	ANÃLISIS MORFOMÃ‰TRICO DE LAS ESPECIES DE Dipteryx EN LA AMAZONÃA PERUANA. Folia AmazÃ³nica, 2017, 25, 101.	0.1	2
85	FLORISTIC INVENTORY OF ONE HECTARE OF PALM-DOMINATED CREEK FOREST IN JENARO HERRERA, PERU. Edinburgh Journal of Botany, 2012, 69, 259-280.	0.4	1
86	EVALUACIÃ“N DE LA VARIABILIDAD GENÃ‰TICA DE SHIHUAHUACO Dipteryx ferrea (Ducke) Ducke EN LA AMAZONÃA PERUANA, MEDIANTE MARCADORES MICROSATÃ‰LITES. Folia AmazÃ³nica, 2019, 28, 53-64.	0.1	1
87	HUELLA DE CARBONO DE LA VENTA DEL FRUTO Y LA PRODUCCIÃ“N DE BEBIDAS Y HELADOS DE AGUAJE (Mauritia flexuosa L.f.) EN EL DEPARTAMENTO DE UCAYALI, PERÃš. Folia AmazÃ³nica, 2021, 29, 23-36.	0.1	0