

Henry Hooghiemstra

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

3,354
citations

147726

31
h-index

155592

55
g-index

67
all docs

67
docs citations

67
times ranked

3590
citing authors

#	ARTICLE	IF	CITATIONS
1	Geological and climatic influences on mountain biodiversity. <i>Nature Geoscience</i> , 2018, 11, 718-725.	5.4	390
2	Neogene and Quaternary history of vegetation, climate, and plant diversity in Amazonia. <i>Quaternary Science Reviews</i> , 2000, 19, 725-742.	1.4	265
3	Quaternary Ice-Age dynamics in the Colombian Andes: developing an understanding of our legacy. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2004, 359, 173-181.	1.8	176
4	THE PALEOBOTANICAL RECORD OF COLOMBIA: IMPLICATIONS FOR BIOGEOGRAPHY AND BIODIVERSITY. <i>Annals of the Missouri Botanical Garden</i> , 2006, 93, 297-325.	1.3	152
5	The flickering connectivity system of the north Andean páramos. <i>Journal of Biogeography</i> , 2019, 46, 1808-1825.	1.4	149
6	Global acceleration in rates of vegetation change over the past 18,000 years. <i>Science</i> , 2021, 372, 860-864.	6.0	136
7	Title is missing!. <i>Journal of Paleolimnology</i> , 1999, 21, 461-476.	0.8	132
8	Holocene Amazon rainforest-savanna dynamics and climatic implications: high-resolution pollen record from Laguna Loma Linda in eastern Colombia. <i>Journal of Quaternary Science</i> , 2000, 15, 687-695.	1.1	121
9	Quaternary and upper-pliocene glaciations and forest development in the tropical andes: Evidence from a long high-resolution pollen record from the sedimentary basin of Bogotá, Colombia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1989, 72, 11-26.	1.0	107
10	Challenges in estimating past plant diversity from fossil pollen data: statistical assessment, problems, and possible solutions. <i>Diversity and Distributions</i> , 2006, 12, 310-318.	1.9	83
11	The human dimension of biodiversity changes on islands. <i>Science</i> , 2021, 372, 488-491.	6.0	81
12	An environmental reconstruction of the sediment infill of the Bogotá basin (Colombia) during the last 3 million years from abiotic and biotic proxies. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 226, 127-148.	1.0	78
13	Montane forest evolution during the last 650 000 yr in Colombia: a multivariate approach based on pollen record Funza-I. <i>Journal of Quaternary Science</i> , 2000, 15, 329-346.	1.1	72
14	Upper forest line reconstruction in a deforested area in northern Ecuador based on pollen and vegetation analysis. <i>Journal of Tropical Ecology</i> , 2002, 18, 409-440.	0.5	69
15	Astronomical tuning of long pollen records reveals the dynamic history of montane biomes and lake levels in the tropical high Andes during the Quaternary. <i>Quaternary Science Reviews</i> , 2013, 63, 59-72.	1.4	69
16	Holocene environmental change at the upper forest line in northern Ecuador. <i>Holocene</i> , 2008, 18, 877-893.	0.9	67
17	The Andes through time: evolution and distribution of Andean floras. <i>Trends in Plant Science</i> , 2022, 27, 364-378.	4.3	67
18	Pollen-based biome reconstructions for Colombia at 3000, 6000, 9000, 12 000, 15 000 and 18 000 14 C yr ago: Late Quaternary tropical vegetation dynamics. <i>Journal of Quaternary Science</i> , 2002, 17, 113-129.	1.1	66

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19	Updated site compilation of the Latin American Pollen Database. <i>Review of Palaeobotany and Palynology</i> , 2015, 223, 104-115.	0.8	63
20	Environmental change in the Colombian subandean forest belt from 8 pollen records: the last 50 kyr. <i>Vegetation History and Archaeobotany</i> , 2001, 10, 61-77.	1.0	58
21	Interglacial-glacial Fuquene-3 pollen record from Colombia: an Eemian to Holocene climate record. <i>Global and Planetary Change</i> , 2003, 36, 181-199.	1.6	54
22	Late-glacial and Holocene history of the dry forest area in the south Colombian Cauca Valley. <i>Journal of Quaternary Science</i> , 2002, 17, 667-682.	1.1	52
23	Radiocarbon Dating of Soil Organic Matter Fractions in Andosols in Northern Ecuador. <i>Radiocarbon</i> , 2006, 48, 337-353.	0.8	46
24	Climate change and cultural resilience in late pre-Columbian Amazonia. <i>Nature Ecology and Evolution</i> , 2019, 3, 1007-1017.	3.4	46
25	World list of Quaternary pollen and spore atlases. <i>Review of Palaeobotany and Palynology</i> , 1998, 104, 157-182.	0.8	43
26	Major altitudinal shifts in Andean vegetation on the Amazonian flank show temporary loss of biota in the Holocene. <i>Holocene</i> , 2012, 22, 1227-1241.	0.9	43
27	Holocene History of the Chocó Rain Forest from Laguna Piusbi, Southern Pacific Lowlands of Colombia. <i>Quaternary Research</i> , 1998, 50, 300-308.	1.0	40
28	Late quaternary vegetation history and paleoecology of Laguna Pedro Palo (subandean forest belt), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	39
29	Climate variability in the SW Indian Ocean from an 8000-yr long multi-proxy record in the Mauritian lowlands shows a middle to late Holocene shift from negative IOD-state to ENSO-state. <i>Quaternary Science Reviews</i> , 2014, 86, 175-189.	1.4	38
30	Pollen- and diatom based environmental history since the Last Glacial Maximum from the Andean core Fuquene-7, Colombia. <i>Journal of Quaternary Science</i> , 2003, 18, 17-30.	1.1	35
31	Columbus's footprint in Hispaniola: A paleoenvironmental record of indigenous and colonial impacts on the landscape of the central Cibao Valley, northern Dominican Republic. <i>Anthropocene</i> , 2018, 22, 66-80.	1.6	34
32	Rapid succession of plant associations on the small ocean island of Mauritius at the onset of the Holocene. <i>Quaternary Science Reviews</i> , 2013, 68, 114-125.	1.4	33
33	Colombian vegetation at the Last Glacial Maximum: a comparison of model- and pollen-based biome reconstructions. <i>Journal of Quaternary Science</i> , 2004, 19, 721-732.	1.1	31
34	Late Quaternary vegetational and climatic change in the Popayán region, southern Colombian Andes. <i>Journal of Quaternary Science</i> , 1998, 13, 43-53.	1.1	27
35	Pollen-based 17-kyr forest dynamics and climate change from the Western Cordillera of Colombia; no-analogue associations and temporarily lost biomes. <i>Review of Palaeobotany and Palynology</i> , 2013, 194, 38-49.	0.8	25
36	Three millennia upper forest line changes in northern Ecuador: Pollen records and altitudinal vegetation distributions. <i>Review of Palaeobotany and Palynology</i> , 2010, 163, 113-126.	0.8	24

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37	North Andean environmental and climatic change at orbital to submillennial time-scales: Vegetation, water levels and sedimentary regimes from Lake F�aquene 130�27ka. <i>Review of Palaeobotany and Palynology</i> , 2013, 197, 186-204.	0.8	24
38	A deadly cocktail: How a drought around 4200 cal. yr BP caused mass mortality events at the infamous �dodo swamp� in Mauritius. <i>Holocene</i> , 2015, 25, 758-771.	0.9	21
39	Mauritius on fire: Tracking historical human impacts on biodiversity loss. <i>Biotropica</i> , 2017, 49, 778-783.	0.8	21
40	A Holocene pollen record of vegetation change and human impact from Pantano de Vargas, an intra-Andean basin of Duitama, Colombia. <i>Review of Palaeobotany and Palynology</i> , 2007, 145, 143-157.	0.8	20
41	Application of GIS and logistic regression to fossil pollen data in modelling present and past spatial distribution of the Colombian savanna. <i>Climate Dynamics</i> , 2007, 29, 697-712.	1.7	20
42	Multi-disciplinary evidence of the Holocene history of a cultivated floodplain area in the wetlands of northern Colombia. <i>Vegetation History and Archaeobotany</i> , 2001, 10, 161-174.	1.0	19
43	Landscape evolution and origin of Lake F�aquene (Colombia): Tectonics, erosion and sedimentation processes during the Pleistocene. <i>Geomorphology</i> , 2008, 100, 563-575.	1.1	19
44	On the Origin of Amazonian Landscapes and Biodiversity: A Synthesis. , 2011, , 419-431.		18
45	Holocene vegetation and water level history in two bogs of the Cordillera de Talamanca, Costa Rica. <i>Plant Ecology</i> , 1996, 124, 155-171.	1.2	18
46	A review of the dodo and its ecosystem: insights from a vertebrate concentration Lagerst�tte in Mauritius. <i>Journal of Vertebrate Paleontology</i> , 2015, 35, 3-20.	0.4	15
47	Columbus� environmental impact in the New World: Land use change in the Yaque River valley, Dominican Republic. <i>Holocene</i> , 2018, 28, 1818-1835.	0.9	15
48	A pollen-based record of late glacial�Holocene climatic variability in the southern lake district, Chile. <i>Journal of Paleolimnology</i> , 2008, 39, 197-217.	0.8	14
49	Mauritius since the last glacial: environmental and climatic reconstruction of the last 38 000 years from Kanaka Crater. <i>Journal of Quaternary Science</i> , 2012, 27, 159-168.	1.1	14
50	A Response to �Climate of East Africa 6000 14C yr B.P. as Inferred from Pollen Data� by Peyron et al. (2000). <i>Quaternary Research</i> , 2001, 56, 133-135.	1.0	12
51	Multi-proxy reconstruction of environmental dynamics and colonization impacts in the Mauritian uplands. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 383-384, 42-51.	1.0	12
52	Age modelling for Pleistocene lake sediments: A comparison of �methods from the Andean F�aquene Basin (Colombia) case study. <i>Quaternary Geochronology</i> , 2014, 22, 144-154.	0.6	12
53	Vegetation disturbance and human population in Colombia � a regional reconstruction. <i>Antiquity</i> , 2004, 78, 828-838.	0.5	11
54	Detecting patterns of change in a long pollen-stratigraphical sequence from Funza, Colombia � A comparison of new and traditional numerical approaches. <i>Review of Palaeobotany and Palynology</i> , 2016, 234, 94-109.	0.8	11

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55	Novel responses of diatoms in neotropical mountain lakes to indigenous and post-European occupation. <i>Anthropocene</i> , 2021, 34, 100294.	1.6	11
56	Biogeochemical Characteristics of Lacustrine Sediments Reflecting a Changing Alpine Neotropical Ecosystem during the Pleistocene. <i>Quaternary Research</i> , 2002, 58, 189-196.	1.0	8
57	Climate-human-landscape interaction in the eastern foothills of Mt. Kilimanjaro (equatorial East) Tj ETQq1 1 0.784314 rgBT /Qverlock	0.9	8
58	Mangrove Archives: Unravelling Human-environment Interactions from Deeply Buried Deposits at the Site Anse Trabaud, Martinique, Lesser Antilles (1290±780 cal BP). <i>Environmental Archaeology</i> , 2023, 28, 166-191.	0.6	4
59	A 0.6 Million Year Pollen Record from the Colombian Andes. <i>PAGES News</i> , 1999, 7, 4-5.	0.3	4
60	60 years of scientific deep drilling in Colombia: the north Andean guide to the Quaternary. <i>Scientific Drilling</i> , 0, 30, 1-15.	1.0	4
61	Biotic Development of Quaternary Amazonia: A Palynological Perspective. , 2011, , 335-345.		3
62	Obituary Willem van Zeist: 12 March 1924–7 October 2016. <i>Review of Palaeobotany and Palynology</i> , 2018, 249, 87-92.	0.8	2
63	A paleoecological context to assess the development of oak forest in Colombia: A comment on Zorilla-Azcu, S., Gonzalez-Rodríguez, A., Oyama, K., González, M.A., & Rodríguez-Correa, H., The DNA history of a lonely oak: <i>Quercus humboldtii</i> phylogeography in the Colombian Andes. <i>Ecology and Evolution</i> 2021, doi: 10.1002/ece3.7529. <i>Ecology and Evolution</i> , 2022, 12, e8702.	0.8	2