Juan Carlos Berrio

List of Publications by Year
in descending order

40 papers	1,399 citations	394421 19 h-index	345221 36 g-index
42 all docs	42 docs citations	42 times ranked	1429 citing authors

#	Article	IF	Citations
1	Landscape transformations in savannas of northern South America: Land use/cover changes since 1987 in the Llanos Orientales of Colombia. Applied Geography, 2012, 32, 766-776.	3.7	178
2	Distribution and ecology of parent taxa of pollen lodged within the Latin American Pollen Database. Review of Palaeobotany and Palynology, 2002, 121, 1-75.	1.5	168
3	Ultra-high resolution pollen record from the northern Andes reveals rapid shifts in montane climates within the last two glacial cycles. Climate of the Past, 2011, 7, 299-316.	3.4	89
4	Pollen-based biome reconstructions for Latin America at 0, 6000 and 18 000 radiocarbon years ago. Climate of the Past, 2009, 5, 725-767.	3.4	87
5	Mid- to Late-Holocene pollen-based biome reconstructions for Colombia. Quaternary Science Reviews, 2001, 20, 1289-1308.	3.0	76
6	Late Quaternary pollen records from the middle CaquetÃ¡ river basin in central Colombian Amazon. Palaeogeography, Palaeoclimatology, Palaeoecology, 1999, 145, 193-213.	2.3	66
7	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. Journal of Quaternary Science, 2002, 17, 113-129.	2.1	66
8	Late-Quaternary savanna history of the Colombian Llanos Orientales from Lagunas Chenevo and Mozambique: a transect synthesis. Holocene, 2002, 12, 35-48.	1.7	55
9	Rapid climate change from north Andean Lake FÃºquene pollen records driven by obliquity: implications for a basin-wide biostratigraphic zonation for the last 284 ka. Quaternary Science Reviews, 2011, 30, 3321-3337.	3.0	55
10	Late-glacial and Holocene history of the dry forest area in the south Colombian Cauca Valley. Journal of Quaternary Science, 2002, 17, 667-682.	2.1	52
11	Late Holocene history of savanna gallery forest from Carimagua area, Colombia. Review of Palaeobotany and Palynology, 2000, 111, 295-308.	1.5	48
12	Late Glacial and Holocene environmental and climatic changes from a limnological transect through Colombia, northern South America. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 234, 81-96.	2.3	38
13	Seasonal variability in methane and nitrous oxide fluxes from tropical peatlands in the western Amazon basin. Biogeosciences, 2017, 14, 3669-3683.	3.3	35
14	Tropical rain-forest history from the Colombian Pacific area: a 4200-year pollen record from Laguna JotaordÃ³. Holocene, 2000, 10, 749-756.	1.7	32
15	A reconstruction of Colombian biomes derived from modern pollen data along an altitude gradient. Review of Palaeobotany and Palynology, 2001, 117, 79-92.	1.5	32
16	A pollen atlas of premontane woody and herbaceous communities from the upland savannas of Guayana, Venezuela. Palynology, 2011, 35, 226-266.	1.5	29
17	Palaeoenvironmental changes during the last ca. 8590 calibrated yr (7800 radiocarbon yr) in the dry forest ecosystem of the PatÃa Valley, Southern Colombian Andes: a multiproxy approach. Palaeogeography, Palaeoclimatology, Palaeoecology, 2005, 216, 279-302.	2.3	26
18	North Andean environmental and climatic change at orbital to submillennial time-scales: Vegetation, water levels and sedimentary regimes from Lake FÃºquene 130â€“27ka. Review of Palaeobotany and Palynology, 2013, 197, 186-204.	1.5	24

#	Article	IF	Citations
19	Environmental history of the dry forest biome of Guerrero, Mexico, and human impact during the last c. 2700 years. Holocene, 2006, 16, 63-80.	1.7	20
20	A Holocene pollen record of vegetation change and human impact from Pantano de Vargas, an intra-Andean basin of Duitama, Colombia. Review of Palaeobotany and Palynology, 2007, 145, 143-157.	1.5	20
21	Multi-disciplinary evidence of the Holocene history of a cultivated floodplain area in the wetlands of northern Colombia. Vegetation History and Archaeobotany, 2001, 10, 161-174.	2.1	19
22	Colombian dry moist forest transitions in the Llanos Orientalesâ€"A comparison of model and pollen-based biome reconstructions. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 234, 28-44.	2.3	19
23	Landscape evolution and origin of Lake FÃªquene (Colombia): Tectonics, erosion and sedimentation processes during the Pleistocene. Geomorphology, 2008, 100, 563-575.	2.6	19
24	Normalized Difference Vegetation Vigour Index: A New Remote Sensing Approach to Biodiversity Monitoring in Oil Polluted Regions. Remote Sensing, 2018, 10, 897.	4.0	18
25	Identifying drivers of forest resilience in long-term records from the Neotropics. Biology Letters, 2020, 16, 20200005.	2.3	15
26	NEW EVIDENCE FOR THE AGE AND PALAEOECOLOGY OF THE KNYSNA FORMATION, SOUTH AFRICA. South African Journal of Geology, 2010, 113, 241-256.	1.2	14
27	Late-Quaternary savanna history of the Colombian Llanos Orientales from Lagunas Chenevo and Mozambique: a transect synthesis. Holocene, 2002, 12, 35-48.	1.7	13
28	North Andean environmental and climatic change at orbital to submillennial time-scales: Vegetation, water-levels and sedimentary regimes from Lake FÃªquene between 284 and 130ka. Review of Palaeobotany and Palynology, 2016, 226, 91-107.	1.5	12
29	Vegetation disturbance and human population in Colombia â€“ a regional reconstruction. Antiquity, 2004, 78, 828-838.	1.0	11
30	An Optical luminescence chronology for late Pleistocene aeolian activity in the Colombian and Venezuelan Llanos. Quaternary Research, 2016, 85, 299-312.	1.7	11
31	Late-Holocene gallery forest retrogression in the Venezuelan Guayana: New data and implications for the conservation of a cultural landscape. Holocene, 2016, 26, 1049-1063.	1.7	8
32	Spectral Diversity Metrics for Detecting Oil Pollution Effects on Biodiversity in the Niger Delta. Remote Sensing, 2019, 11, 2662.	4.0	7
33	The Dynamic History of the Upper Forest Line Ecotone in the Northern Andes. , 2012, , 229-246.		6
34	Changes of seasonally dry forest in the Colombian PatÃa Valley during the early and middle Holocene and the development of a dry climatic record for the northernmost Andes. Review of Palaeobotany and Palynology, 2008, 152, 1-10.	1.5	5
35	Using Paleoecological Data to Define Main Vegetation Dynamics Along the Savannaâ€"Forest Ecotone in Colombia: Implications for Accurate Assessment of Human Impacts. , 2012, , 209-225.		5
36	â€˜Moving Southâ€™: Late Pleistocene Plant Exploitation and the Importance of Palm in the Colombian Amazon. Quaternary, 2021, 4, 26.	2.0	4

#	Article	IF	Citations
37	60Âyears of scientific deep drilling in Colombia: the north Andean guide to the Quaternary. Scientific Drilling, 0, 30, 1-15.	0.6	4
38	Holocene Fires and Ecological Novelty in the High Colombian Cordillera Oriental. Frontiers in Ecology and Evolution, 0, 10, .	2.2	3
39	Culture and the environment on the floodplain of the river Cauca in southwestern Colombia: Reconstructing the evidence from the Late Pleistocene to the Late Holocene. Quaternary International, 2019, 505, 34-54.	1.5	2
40	HUMAN OCCUPATION AND THE ENVIRONMENT DURING THE HOLOCENE IN THE RIVER CAUCA VALLEY, COLOMBIA: THE EVIDENCE FROM PALEOBOTANY AND FROM SOIL STUDIES. Dialogo Andino, 2013, , 159-170.	0.1	2