Ricardo De Pol-Holz

List of Publications by Year
in descending order

69 papers	2,961 citations	159585 30 h-index	175258 52 g-index
70 all docs	70 docs citations	70 times ranked	3763 citing authors

#	Article	IF	Citations
1	A review of nitrogen isotopic alteration in marine sediments. Paleoceanography, 2012, 27, .	3.0	240
2	North Atlantic forcing of tropical Indian Ocean climate. Nature, 2014, 509, 76-80.	27.8	206
3	ATMOSPHERIC RADIOCARBON FOR THE PERIOD 1950â€“2019. Radiocarbon, 2022, 64, 723-745.	1.8	117
4	Carbon isotope records reveal precise timing of enhanced Southern Ocean upwelling during the last deglaciation. Nature Communications, 2013, 4, 2758.	12.8	112
5	Glacial to Holocene swings of the Australianâ€“Indonesian monsoon. Nature Geoscience, 2011, 4, 540-544.	12.9	111
6	Southern Annular Mode-like changes in southwestern Patagonia at centennial timescales over the last three millennia. Nature Communications, 2014, 5, 4375.	12.8	99
7	Late Pleistocene human occupation of the hyperarid core in the Atacama Desert, northern Chile. Quaternary Science Reviews, 2013, 77, 19-30.	3.0	92
8	No signature of abyssal carbon in intermediate waters off Chile during deglaciation. Nature Geoscience, 2010, 3, 192-195.	12.9	91
9	Onset and Evolution of Southern Annular Mode-Like Changes at Centennial Timescale. Scientific Reports, 2018, 8, 3458.	3.3	87
10	The acceleration of oceanic denitrification during deglacial warming. Nature Geoscience, 2013, 6, 579-584.	12.9	84
11	Dust fluxes and iron fertilization in Holocene and Last Glacial Maximum climates. Geophysical Research Letters, 2015, 42, 6014-6023.	4.0	83
12	Monsoon-driven Saharan dust variability over the past 240,000 years. Science Advances, 2019, 5, eaav1887.	10.3	83
13	Cold-water coral growth in the Alboran Sea related to high productivity during the Late Pleistocene and Holocene. Marine Geology, 2013, 339, 71-82.	2.1	79
14	Hydroclimate variability in the low-elevation Atacama Desert over the last 2500 yr. Climate of the Past, 2012, 8, 287-306.	3.4	71
15	Reconstructing the thermal structure of the upper ocean: Insights from planktic foraminifera shell chemistry and alkenones in modern sediments of the tropical eastern Indian Ocean. Paleoceanography, 2011, 26, .	3.0	70
16	Hydrologic control of carbon cycling and aged carbon discharge in the Congo River basin. Nature Geoscience, 2016, 9, 687-690.	12.9	65
17	Radiocarbon constraints on the extent and evolution of the South Pacific glacial carbon pool. Nature Communications, 2016, 7, 11487.	12.8	58
18	Melting of the Patagonian Ice Sheet and deglacial perturbations of the nitrogen cycle in the eastern South Pacific. Geophysical Research Letters, 2006, 33, .	4.0	57

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19	Late Quaternary variability of sedimentary nitrogen isotopes in the eastern South Pacific Ocean. Paleoceanography, 2007, 22, .	3.0	55
20	Aggradation and carbonate accumulation of Holocene Norwegian coldâ€water coral reefs. Sedimentology, 2015, 62, 1873-1898.	3.1	54
21	Controls on sedimentary nitrogen isotopes along the Chile margin. Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 1042-1054.	1.4	52
22	Chronology, stratigraphy and hydrological modelling of extensive wetlands and paleolakes in the hyperarid core of the Atacama Desert during the late quaternary. Quaternary Science Reviews, 2018, 197, 224-245.	3.0	52
23	Spatio-temporal distribution patterns of Mediterranean cold-water corals (Lophelia pertusa and) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Papers, 2015, 103, 37-48.	1.4	50
24	Late Quaternary environmental dynamics in the Atacama Desert reconstructed from rodent midden pollen records. Journal of Quaternary Science, 2017, 32, 665-684.	2.1	50
25	Temporal and spatial patterns of sediment deposition in the northern South China Sea over the last 50,000 years. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 465, 212-224.	2.3	41
26	Oceanographic observations in Chilean coastal waters between Valdivia and ConcepciÃ³n. Journal of Geophysical Research, 2002, 107, 18-1.	3.3	40
27	Late Quaternary climate change, relict populations and presentâ€day refugia in the northern Atacama Desert: a case study from Quebrada La Higuera (18Â°ÂS). Journal of Biogeography, 2015, 42, 76-88.	3.0	40
28	The pre-Columbian introduction and dispersal of Algarrobo (Prosopis, Section Algarobia) in the AtacamaÂDesert of northern Chile. PLoS ONE, 2017, 12, e0181759.	2.5	40
29	Changes in the advection of Antarctic Intermediate Water to the northern Chilean coast during the last 970 kyr. Paleoceanography, 2013, 28, 607-618.	3.0	32
30	Hakenasa Cave and its relevance for the peopling of the southern Andean Altiplano. Antiquity, 2011, 85, 1194-1208.	1.0	30
31	Holocene sea-surface temperature variability in the Chilean fjord region. Quaternary Research, 2014, 82, 342-353.	1.7	30
32	The last glacial termination on the eastern flank of the central Patagonian Andes (47 Â°â€¯S). Climate of the Past, 2017, 13, 879-895.	3.4	30
33	An 18,000 year-long eruptive record from VolcÃ¡n ChaitÃ©n, northwestern Patagonia: Paleoenvironmental and hazard-assessment implications. Quaternary Science Reviews, 2017, 168, 151-181.	3.0	29
34	Fire history in western Patagonia from paired tree-ring fire-scar and charcoal records. Climate of the Past, 2012, 8, 451-466.	3.4	28
35	Late glacial and Holocene climate variability, southernmost Patagonia. Quaternary Science Reviews, 2020, 229, 106131.	3.0	28
36	Holocene variations in productivity associated with changes in glacier activity and freshwater flux in the central basin of the Strait of Magellan. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 436, 112-122.	2.3	27

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37	A past-millennium maximum in postglacial activity from VolcÃ¡n ChaitÃ©n, southern Chile. Geology, 2015, 43, 47-50.	4.4	26
38	Using archaeological shell middens as a proxy for past local coastal upwelling in northern Chile. Quaternary International, 2017, 427, 128-136.	1.5	25
39	The Dry Puna as an ecological megapatch and the peopling of South America: Technology, mobility, and the development of a late Pleistocene/early Holocene Andean hunter-gatherer tradition in northern Chile. Quaternary International, 2017, 461, 41-53.	1.5	24
40	Influence of Glacier Melting and River Discharges on the Nutrient Distribution and DIC Recycling in the Southern Chilean Patagonia. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 256-270.	3.0	23
41	Hunter-Gatherer Mobility Strategies in the High Andes of Northern Chile during the Late Pleistocene-Early Holocene Transition (ca. 11,500â€“9500 CAL B.P.). Journal of Field Archaeology, 2017, 42, 228-240.	1.3	23
42	Stratigraphy, age and correlation of LepuÃ© Tephra: a widespread c. 11 000 cal a BP marker horizon sourced from the ChaitÃ©n Sector of southern Chile. Journal of Quaternary Science, 2017, 32, 795-829.	2.1	22
43	How a river submerges into the sea: a geological record of changing a fluvial to a marine paleoenvironment during early Holocene sea level rise. Journal of Quaternary Science, 2019, 34, 581-592.	2.1	21
44	Deglacial upslope shift of NE Atlantic intermediate waters controlled slope erosion and cold-water coral mound formation (Porcupine Seabight, Irish margin). Quaternary Science Reviews, 2020, 237, 106310.	3.0	21
45	Late Glacial and Holocene Paleogeographical and Paleoecological Evolution of the Seno Skyring and Otway Fjord Systems in the Magellan Region. Anales Del Instituto De La Patagonia, 2013, 41, 5-26.	0.1	20
46	Loco or no Loco? Holocene Climatic Fluctuations, Human Demography, and Community Based Management of Coastal Resources in Northern Chile. Frontiers in Earth Science, 2017, 5, .	1.8	19
47	A late Pleistocene human footprint from the Pilauco archaeological site, northern Patagonia, Chile. PLoS ONE, 2019, 14, e0213572.	2.5	18
48	Radiocarbon bomb-peak signal in tree-rings from the tropical Andes register low latitude atmospheric dynamics in the Southern Hemisphere. Science of the Total Environment, 2021, 774, 145126.	8.0	17
49	Holocene tephrochronology around Cochrane (~47Â° S), southern Chile. Andean Geology, 2016, 43, 1.	0.5	17
50	A source of isotopically light organic carbon in a low-pH anoxic marine zone. Nature Communications, 2021, 12, 1604.	12.8	16
51	How Do Surficial Lithic Assemblages Weather in Arid Environments? A Case Study from the Atacama Desert, Northern Chile. Geoarchaeology - an International Journal, 2015, 30, 352-368.	1.5	15
52	Marine Radiocarbon Reservoir Age Along the Chilean Continental Margin. Radiocarbon, 2019, 61, 195-210.	1.8	15
53	Climate change and resilience of deciduous Nothofagus forests in centralâ€“east Chilean Patagonia over the last 3200 years. Journal of Quaternary Science, 2017, 32, 845-856.	2.1	14
54	Late glacial and Holocene landscape change and rapid climate and coastal impacts in the Canal Beagle, southernmost Patagonia. Journal of Quaternary Science, 2019, 34, 674-684.	2.1	13

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55	Insolation forcing of coccolithophore productivity in the western tropical Indian Ocean over the last two glacialâ€interglacial cycles. Paleoceanography, 2017, 32, 692-709.	3.0	11
56	Landscape evolution and the environmental context of human occupation of the southern pampa del tamarugal, Atacama Desert, Chile. Quaternary Science Reviews, 2020, 243, 106502.	3.0	10
57	Late Holocene Glacial Fluctuations of Schiaparelli Glacier at Monte Sarmiento Massif, Tierra del Fuego (54Â°24â€²S). Geosciences (Switzerland), 2019, 9, 340.	2.2	9
58	Isotopic Characterization of Water Masses in the Southeast Pacific Region: Paleoceanographic Implications. Journal of Geophysical Research: Oceans, 2022, 127, .	2.6	9
59	Planktonic Foram Dates from the Indonesian Arc: Marine 14C Reservoir Ages and a Mythical AD 535 Eruption of Krakatau. Radiocarbon, 2013, 55, 1164-1172.	1.8	8
60	14C and 10Be dated Late Holocene fluctuations of Patagonian glaciers in Torres del Paine (Chile, 51Â°S) and connections to Antarctic climate change. Quaternary Science Reviews, 2020, 246, 106541.	3.0	8
61	First evidence of a mid-Holocene earthquake-triggered megaturbidite south of the Chile Triple Junction. Sedimentary Geology, 2018, 375, 120-133.	2.1	7
62	A perched, high-elevation wetland complex in the Atacama Desert (northern Chile) and its implications for past human settlement. Quaternary Research, 2019, 92, 33-52.	1.7	7
63	Centennialâ€Scale SE Pacific Sea Surface Temperature Variability Over the Past 2,300 Years. Paleoceanography and Paleoclimatology, 2019, 34, 336-352.	2.9	7
64	Environmental and coastline changes controlling Holocene carbon accumulation rates in fjords of the western Strait of Magellan region. Continental Shelf Research, 2020, 199, 104101.	1.8	6
65	Variations in local heavy metal concentrations over the last 16,000 years in the central Atacama Desert (22Â°S) measured in rodent middens. Science of the Total Environment, 2021, 775, 145849.	8.0	6
66	Ventilation of the Deep Ocean Carbon Reservoir During the Last Deglaciation: Results From the Southeast Pacific. Paleoceanography and Paleoclimatology, 2019, 34, 2080-2097.	2.9	4
67	Glacial isostatic adjustment near the center of the former Patagonian Ice Sheet (48Â°S) during the last 16.5 kyr. Quaternary Science Reviews, 2022, 277, 107346.	3.0	4
68	Planktic Foram Dates from the Indonesian Arc: Marine 14C Reservoir Ages and a Mythical AD 535 Volcanic Eruption. Radiocarbon, 2013, 55, .	1.8	3
69	Paleoclimatology. , 2016, , 221-252.		0