

Ricardo De Pol-Holz

List of Publications by Year in descending order

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Version: 2024-02-01

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	ATMOSPHERIC RADIOCARBON FOR THE PERIOD 1950â€“2019. Radiocarbon, 2022, 64, 723-745.	1.8	117
2	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
3	Isotopic Characterization of Water Masses in the Southeast Pacific Region: Paleoceanographic Implications. Journal of Geophysical Research: Oceans, 2022, 127, .	2.6	9
4	A source of isotopically light organic carbon in a low-pH anoxic marine zone. Nature Communications, 2021, 12, 1604.	12.8	16
5	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
6	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
7	Late glacial and Holocene climate variability, southernmost Patagonia. Quaternary Science Reviews, 2020, 229, 106131.	3.0	28
8	¹⁴ C and ¹⁰ Be 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
9	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
10	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
11	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
12	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
13	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
14	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
15	A late Pleistocene human footprint from the Pilauco archaeological site, northern Patagonia, Chile. PLoS ONE, 2019, 14, e0213572.	2.5	18
16	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
17	Centennialâ€“scale SE Pacific Sea Surface Temperature Variability Over the Past 2,300 Years. Paleoceanography and Paleoclimatology, 2019, 34, 336-352.	2.9	7
18	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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19	Monsoon-driven Saharan dust variability over the past 240,000 years. <i>Science Advances</i> , 2019, 5, eaav1887.	10.3	83
20	Marine Radiocarbon Reservoir Age Along the Chilean Continental Margin. <i>Radiocarbon</i> , 2019, 61, 195-210.	1.8	15
21	First evidence of a mid-Holocene earthquake-triggered megaturbidite south of the Chile Triple Junction. <i>Sedimentary Geology</i> , 2018, 375, 120-133.	2.1	7
22	Influence of Glacier Melting and River Discharges on the Nutrient Distribution and DIC Recycling in the Southern Chilean Patagonia. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 256-270.	3.0	23
23	Onset and Evolution of Southern Annular Mode-Like Changes at Centennial Timescale. <i>Scientific Reports</i> , 2018, 8, 3458.	3.3	87
24	Chronology, stratigraphy and hydrological modelling of extensive wetlands and paleolakes in the hyperarid core of the Atacama Desert during the late quaternary. <i>Quaternary Science Reviews</i> , 2018, 197, 224-245.	3.0	52
25	Using archaeological shell middens as a proxy for past local coastal upwelling in northern Chile. <i>Quaternary International</i> , 2017, 427, 128-136.	1.5	25
26	Temporal and spatial patterns of sediment deposition in the northern South China Sea over the last 50,000 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 465, 212-224.	2.3	41
27	Climate change and resilience of deciduous <i>Nothofagus</i> forests in central-east Chilean Patagonia over the last 3200 years. <i>Journal of Quaternary Science</i> , 2017, 32, 845-856.	2.1	14
28	An 18,000 year-long eruptive record from Volc�n Chait�n, northwestern Patagonia: Paleoenvironmental and hazard-assessment implications. <i>Quaternary Science Reviews</i> , 2017, 168, 151-181.	3.0	29
29	Insolation forcing of coccolithophore productivity in the western tropical Indian Ocean over the last two glacial-interglacial cycles. <i>Paleoceanography</i> , 2017, 32, 692-709.	3.0	11
30	Late Quaternary environmental dynamics in the Atacama Desert reconstructed from rodent midden pollen records. <i>Journal of Quaternary Science</i> , 2017, 32, 665-684.	2.1	50
31	Stratigraphy, age and correlation of Lepu� Tephra: a widespread <i>tephra</i> . 11 000 cal a BP marker horizon sourced from the Chait�n Sector of southern Chile. <i>Journal of Quaternary Science</i> , 2017, 32, 795-829.	2.1	22
32	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. <i>Quaternary International</i> , 2017, 461, 41-53.	1.5	24
33	Loco or no Loco? Holocene Climatic Fluctuations, Human Demography, and Community Based Management of Coastal Resources in Northern Chile. <i>Frontiers in Earth Science</i> , 2017, 5, .	1.8	19
34	The pre-Columbian introduction and dispersal of Algarrobo (<i>Prosopis</i> , Section <i>Algarobia</i>) in the Atacama Desert of northern Chile. <i>PLoS ONE</i> , 2017, 12, e0181759.	2.5	40
35	The last glacial termination on the eastern flank of the central Patagonian Andes (47 �S). <i>Climate of the Past</i> , 2017, 13, 879-895.	3.4	30
36	Hunter-Gatherer Mobility Strategies in the High Andes of Northern Chile during the Late Pleistocene-Early Holocene Transition (ca. 11,500-9500 CAL B.P.). <i>Journal of Field Archaeology</i> , 2017, 42, 228-240.	1.3	23

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37	Paleoclimatology. , 2016, , 221-252.		0
38	Hydrologic control of carbon cycling and aged carbon discharge in the Congo River basin. Nature Geoscience, 2016, 9, 687-690.	12.9	65
39	Radiocarbon constraints on the extent and evolution of the South Pacific glacial carbon pool. Nature Communications, 2016, 7, 11487.	12.8	58
40	Holocene tephrochronology around Cochrane (~47° S), southern Chile. Andean Geology, 2016, 43, 1.	0.5	17
41	Dust fluxes and iron fertilization in Holocene and Last Glacial Maximum climates. Geophysical Research Letters, 2015, 42, 6014-6023.	4.0	83
42	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
43	Aggradation and carbonate accumulation of Holocene Norwegian cold-water coral reefs. Sedimentology, 2015, 62, 1873-1898.	3.1	54
44	A past-millennium maximum in postglacial activity from Volcán Chaitón, southern Chile. Geology, 2015, 43, 47-50.	4.4	26
45	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
46	Spatio-temporal distribution patterns of Mediterranean cold-water corals (<i>Lophelia pertusa</i> and <i>Trochammina inflata</i>). Marine Geology, 2015, 103, 37-48.	1.4	50
47	Late Quaternary climate change, relict populations and present-day refugia in the northern Atacama Desert: a case study from Quebrada La Higuera (18°S). Journal of Biogeography, 2015, 42, 76-88.	3.0	40
48	Holocene sea-surface temperature variability in the Chilean fjord region. Quaternary Research, 2014, 82, 342-353.	1.7	30
49	Southern Annular Mode-like changes in southwestern Patagonia at centennial timescales over the last three millennia. Nature Communications, 2014, 5, 4375.	12.8	99
50	North Atlantic forcing of tropical Indian Ocean climate. Nature, 2014, 509, 76-80.	27.8	206
51	Carbon isotope records reveal precise timing of enhanced Southern Ocean upwelling during the last deglaciation. Nature Communications, 2013, 4, 2758.	12.8	112
52	Late Pleistocene human occupation of the hyperarid core in the Atacama Desert, northern Chile. Quaternary Science Reviews, 2013, 77, 19-30.	3.0	92
53	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
54	The acceleration of oceanic denitrification during deglacial warming. Nature Geoscience, 2013, 6, 579-584.	12.9	84

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55	Changes in the advection of Antarctic Intermediate Water to the northern Chilean coast during the last 970 kyr. <i>Paleoceanography</i> , 2013, 28, 607-618.	3.0	32
56	Planktonic Foram Dates from the Indonesian Arc: Marine 14C Reservoir Ages and a Mythical AD 535 Eruption of Krakatau. <i>Radiocarbon</i> , 2013, 55, 1164-1172.	1.8	8
57	Late Glacial and Holocene Paleogeographical and Paleocological Evolution of the Seno Skyring and Otway Fjord Systems in the Magellan Region. <i>Anales Del Instituto De La Patagonia</i> , 2013, 41, 5-26.	0.1	20
58	Planktic Foram Dates from the Indonesian Arc: Marine 14C Reservoir Ages and a Mythical AD 535 Volcanic Eruption. <i>Radiocarbon</i> , 2013, 55, .	1.8	3
59	A review of nitrogen isotopic alteration in marine sediments. <i>Paleoceanography</i> , 2012, 27, .	3.0	240
60	Fire history in western Patagonia from paired tree-ring fire-scar and charcoal records. <i>Climate of the Past</i> , 2012, 8, 451-466.	3.4	28
61	Hydroclimate variability in the low-elevation Atacama Desert over the last 2500 yr. <i>Climate of the Past</i> , 2012, 8, 287-306.	3.4	71
62	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. <i>Paleoceanography</i> , 2011, 26, .	3.0	70
63	Glacial to Holocene swings of the Australian-Indonesian monsoon. <i>Nature Geoscience</i> , 2011, 4, 540-544.	12.9	111
64	Hakenasa Cave and its relevance for the peopling of the southern Andean Altiplano. <i>Antiquity</i> , 2011, 85, 1194-1208.	1.0	30
65	No signature of abyssal carbon in intermediate waters off Chile during deglaciation. <i>Nature Geoscience</i> , 2010, 3, 192-195.	12.9	91
66	Controls on sedimentary nitrogen isotopes along the Chile margin. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 1042-1054.	1.4	52
67	Late Quaternary variability of sedimentary nitrogen isotopes in the eastern South Pacific Ocean. <i>Paleoceanography</i> , 2007, 22, .	3.0	55
68	Melting of the Patagonian Ice Sheet and deglacial perturbations of the nitrogen cycle in the eastern South Pacific. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	57
69	Oceanographic observations in Chilean coastal waters between Valdivia and Concepci3n. <i>Journal of Geophysical Research</i> , 2002, 107, 18-1.	3.3	40