

Patricio I Moreno

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

6,219
citations

71102

41
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69250

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94
docs citations

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times ranked

5355
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#	ARTICLE	IF	CITATIONS
1	Refinement of the tephrostratigraphy straddling the northern Patagonian Andes (40°–41°S): new tephra markers, reconciling different archives and ascertaining the timing of piedmont deglaciation. <i>Journal of Quaternary Science</i> , 2022, 37, 441-477.	2.1	5
2	Evolution of Glacial Lake Cochrane During the Last Glacial Termination, Central Chilean Patagonia (34°47'S). <i>Frontiers in Earth Science</i> , 2022, 10, .	1.8	2
3	Glacier fluctuations in the northern Patagonian Andes (44°S) imply wind-modulated interhemispheric in-phase climate shifts during Termination 1. <i>Scientific Reports</i> , 2022, 12, .	3.3	9
4	Centennial and millennial-scale dynamics in <i>Araucaria</i> – <i>Nothofagus</i> forests in the southern Andes. <i>Journal of Biogeography</i> , 2021, 48, 537-547.	3.0	6
5	An early Holocene westerly minimum in the southern mid-latitudes. <i>Quaternary Science Reviews</i> , 2021, 251, 106730.	3.0	23
6	New araphid species of the genus <i>Pseudostaurosira</i> (Bacillariophyceae) from southern Patagonia. <i>European Journal of Phycology</i> , 2021, 56, 255-272.	2.0	3
7	The role of climate and disturbance regimes upon temperate rainforests during the Holocene: A stratigraphic perspective from Lago Fonk (34°40'S), northwestern Patagonia. <i>Quaternary Science Reviews</i> , 2021, 258, 106890.	3.0	10
8	Vegetation, disturbance, and climate history since the onset of ice-free conditions in the Lago Rossetot sector of Chilo continental (44°S), northwestern Patagonia. <i>Quaternary Science Reviews</i> , 2021, 260, 106924.	3.0	9
9	The large MIS 4 and long MIS 2 glacier maxima on the southern tip of South America. <i>Quaternary Science Reviews</i> , 2021, 262, 106858.	3.0	27
10	Development and resilience of deciduous <i>Nothofagus</i> forests since the Last Glacial Termination and deglaciation of the central Patagonian Andes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 574, 110459.	2.3	9
11	The last glacial termination in northwestern Patagonia viewed from the Lago Fonk (34°40'S) record. <i>Quaternary Science Reviews</i> , 2021, 271, 107197.	3.0	7
12	The deglaciation of the Americas during the Last Glacial Termination. <i>Earth-Science Reviews</i> , 2020, 203, 103113.	9.1	60
13	Timing and structure of vegetation, fire, and climate changes on the Pacific slope of northwestern Patagonia since the last glacial termination. <i>Quaternary Science Reviews</i> , 2020, 238, 106328.	3.0	21
14	Holocene glacier fluctuations in Patagonia are modulated by summer insolation intensity and paced by Southern Annular Mode-like variability. <i>Quaternary Science Reviews</i> , 2019, 220, 178-187.	3.0	51
15	The last glacial termination in the Coyhaique sector of central Patagonia. <i>Quaternary Science Reviews</i> , 2019, 224, 105976.	3.0	20
16	A 15,400-year long record of vegetation, fire-regime, and climate changes from the northern Patagonian Andes. <i>Quaternary Science Reviews</i> , 2019, 226, 106005.	3.0	12
17	Early arboreal colonization, postglacial resilience of deciduous <i>Nothofagus</i> forests, and the Southern Westerly Wind influence in central-east Andean Patagonia. <i>Quaternary Science Reviews</i> , 2019, 218, 61-74.	3.0	21
18	Geohistorical records of the Anthropocene in Chile. <i>Elementa</i> , 2019, 7, .	3.2	21

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19	Mid-latitude trans-Pacific reconstructions and comparisons of coupled glacial/interglacial climate cycles based on soil stratigraphy of cover-beds. <i>Quaternary Science Reviews</i> , 2018, 189, 57-75.	3.0	16
20	Trans-pacific glacial response to the Antarctic Cold Reversal in the southern mid-latitudes. <i>Quaternary Science Reviews</i> , 2018, 188, 160-166.	3.0	45
21	Onset and Evolution of Southern Annular Mode-Like Changes at Centennial Timescale. <i>Scientific Reports</i> , 2018, 8, 3458.	3.3	87
22	A widespread compositionally bimodal tephra sourced from Volc�n Melimoyu (44�S, Northern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 correlation. <i>Quaternary Science Reviews</i> , 2018, 200, 141-159.	3.0	11
23	A continuous record of vegetation, fire-regime and climatic changes in northwestern Patagonia spanning the last 25,000 years. <i>Quaternary Science Reviews</i> , 2018, 198, 15-36.	3.0	46
24	Past and future global transformation of terrestrial ecosystems under climate change. <i>Science</i> , 2018, 361, 920-923.	12.6	307
25	Modulation of Fire Regimes by Vegetation and Site Type in Southwestern Patagonia Since 13 ka. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	2.2	14
26	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
27	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
28	High particulate iron(II) content in glacially sourced dusts enhances productivity of a model diatom. <i>Science Advances</i> , 2017, 3, e1700314.	10.3	50
29	Stratigraphy, age and correlation of Lepu� Tephra: a widespread <i>c</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
30	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
31	Phylogeography of a Patagonian lizard and frog: Congruent signature of southern glacial refuges. <i>Austral Ecology</i> , 2016, 41, 399-408.	1.5	5
32	Combination of humans, climate, and vegetation change triggered Late Quaternary megafauna extinction in the �stima Esperanza region, southern Patagonia, Chile. <i>Ecography</i> , 2016, 39, 125-140.	4.5	84
33	Centennial and millennial-scale hydroclimate changes in northwestern Patagonia since 16,000 �r BP. <i>Quaternary Science Reviews</i> , 2016, 149, 326-337.	3.0	42
34	Holocene tephrochronology around Cochrane (~47� S), southern Chile. <i>Andean Geology</i> , 2016, 43, 1.	0.5	17
35	Multiple melt bodies fed the AD 2011 eruption of Puyehue-Cord�n Caulle, Chile. <i>Scientific Reports</i> , 2015, 5, 17589.	3.3	43
36	Pollen-climate reconstruction from northern South Island, New Zealand (41�S), reveals varying high- and low-latitude teleconnections over the last 16 000 years. <i>Journal of Quaternary Science</i> , 2015, 30, 817-829.	2.1	18

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37	Modelled glacier equilibrium line altitudes during the mid-Holocene in the southern mid-latitudes. <i>Climate of the Past</i> , 2015, 11, 1575-1586.	3.4	8
38	Tephrochronology of the southernmost Andean Southern Volcanic Zone, Chile. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	3.0	29
39	A past-millennium maximum in postglacial activity from Volc�n Chait�n, southern Chile. <i>Geology</i> , 2015, 43, 47-50.	4.4	26
40	Radiocarbon chronology of the last glacial maximum and its termination in northwestern Patagonia. <i>Quaternary Science Reviews</i> , 2015, 122, 233-249.	3.0	90
41	Vegetation and climate change, fire-regime shifts and volcanic disturbance in Chilo� (43�S) during the last 10,000 years. <i>Quaternary Science Reviews</i> , 2015, 123, 158-167.	3.0	23
42	Climatic and disturbance influences on the temperate rainforests of northwestern Patagonia (40�S) since 14,500 cal BP. <i>Quaternary Science Reviews</i> , 2014, 90, 217-228.	3.0	26
43	The large late-glacial Ho eruption of the Hudson volcano, southern Chile. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	3.0	39
44	Vegetation, fire and climate change in central-east Isla Grande de Chilo� (43�S) since the Last Glacial Maximum, northwestern Patagonia. <i>Quaternary Science Reviews</i> , 2014, 90, 143-157.	3.0	46
45	Southern Annular Mode-like changes in southwestern Patagonia at centennial timescales over the last three millennia. <i>Nature Communications</i> , 2014, 5, 4375.	12.8	99
46	Quantifying climate change in Huelmo mire (Chile, Northwestern Patagonia) during the Last Glacial Termination using a newly developed chironomid-based temperature model. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 399, 214-224.	2.3	34
47	Climatic control of the biomass-burning decline in the Americas after 1500. <i>Holocene</i> , 2013, 23, 3-13.	1.7	83
48	Comparative phylogeography of two co-distributed species of lizards of the genus <i>Liolaemus</i> (Squamata: Tropicuridae) from Southern Chile. <i>Amphibia - Reptilia</i> , 2012, 33, 55-67.	0.5	7
49	Corrigendum to "Have the Southern Westerlies changed in a zonally symmetric manner over the last 14,000 years? A hemisphere-wide take on a controversial problem" [<i>Quat. Int.</i> 253 (2012) 32-46]. <i>Quaternary International</i> , 2012, 276-277, 299.	1.5	1
50	Have the Southern Westerlies changed in a zonally symmetric manner over the last 14,000 years? A hemisphere-wide take on a controversial problem. <i>Quaternary International</i> , 2012, 253, 32-46.	1.5	136
51	Deglacial and postglacial vegetation changes on the eastern slopes of the central Patagonian Andes (47�S). <i>Quaternary Science Reviews</i> , 2012, 32, 86-99.	3.0	70
52	Deglacial changes of the southern margin of the southern westerly winds revealed by terrestrial records from SW Patagonia (52�S). <i>Quaternary Science Reviews</i> , 2012, 41, 1-21.	3.0	83
53	Vegetation, climate and fire regime changes in the Andean region of southern Chile (38�S) covaried with centennial-scale climate anomalies in the tropical Pacific over the last 1500 years. <i>Quaternary Science Reviews</i> , 2012, 46, 46-56.	3.0	32
54	Predictability of biomass burning in response to climate changes. <i>Global Biogeochemical Cycles</i> , 2012, 26, .	4.9	201

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55	Global climate evolution during the last deglaciation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1134-42.	7.1	422
56	Genetic diversity and insular colonization of <i>Liolaemus pictus</i> (Squamata, Liolaeminae) in northwestern Patagonia. Austral Ecology, 2012, 37, 67-77.	1.5	14
57	Temperate rainforest response to climate change and disturbance agents in northwestern Patagonia (41°S) over the last 2600 years. Quaternary Research, 2012, 77, 235-244.	1.7	22
58	Fluctuations of the Última Esperanza ice lobe (52°S), Chilean Patagonia, during the last glacial maximum and termination 1. Geomorphology, 2011, 125, 92-108.	2.6	73
59	Atmospheric circulation changes and neoglacial conditions in the Southern Hemisphere mid-latitudes: insights from PMIP2 simulations at 6 kyr. Climate Dynamics, 2011, 37, 357-375.	3.8	30
60	Zonally symmetric changes in the strength and position of the Southern Westerlies drove atmospheric CO2 variations over the past 14 k.y.. Geology, 2011, 39, 419-422.	4.4	87
61	Evolución de lagos proglaciales embalsados por hielo en Última Esperanza, Chile: Implicancias de la explosión volcánica tardiglacial R1 del volcán Reclus, Zona Volcánica Austral Andina.. Andean Geology, 2011, 38, .	0.5	3
62	Covariability of the Southern Westerlies and atmospheric CO2 during the Holocene. Geology, 2010, 38, 727-730.	4.4	136
63	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
64	Renewed glacial activity during the Antarctic cold reversal and persistence of cold conditions until 11.5 ka in southwestern Patagonia. Geology, 2009, 37, 375-378.	4.4	93
65	The Southern Westerlies during the last glacial maximum in PMIP2 simulations. Climate Dynamics, 2009, 32, 525-548.	3.8	169
66	Climate Change in Southern South America During the Last Two Millennia. Developments in Paleoenvironmental Research, 2009, , 353-393.	8.0	39
67	Millennial-scale variability in Southern Hemisphere westerly wind activity over the last 5000 years in SW Patagonia. Quaternary Science Reviews, 2009, 28, 25-38.	3.0	123
68	Chironomid and pollen evidence for climate fluctuations during the Last Glacial Termination in NW Patagonia. Quaternary Science Reviews, 2009, 28, 517-525.	3.0	53
69	Changes in fire regimes since the Last Glacial Maximum: an assessment based on a global synthesis and analysis of charcoal data. Climate Dynamics, 2008, 30, 887-907.	3.8	590
70	Glacial dynamics in southernmost South America during Marine Isotope Stage 5e to the Younger Dryas chron: a brief review with a focus on cosmogenic nuclide measurements. Journal of Quaternary Science, 2008, 23, 649-658.	2.1	41
71	Changing fire regimes in the temperate rainforest region of southern Chile over the last 16,000 yr. Quaternary Research, 2008, 69, 62-71.	1.7	59
72	Isotopic evidence for hydrologic change related to the westerlies in SW Patagonia, Chile, during the last millennium. Quaternary Science Reviews, 2008, 27, 1335-1349.	3.0	108

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73	Climatic controls of Holocene fire patterns in southern South America. <i>Quaternary Research</i> , 2007, 68, 28-36.	1.7	160
74	Pollen evidence for variations in the southern margin of the westerly winds in SW patagonia over the last 12,600 years. <i>Quaternary Research</i> , 2007, 68, 400-409.	1.7	117
75	Deglacial and postglacial climate history in east-central Isla Grande De Chilo, Southern Chile (43°S). <i>Quaternary Research</i> , 2004, 62, 49-59.	1.7	71
76	Millennial-scale climate variability in northwest Patagonia over the last 15,000 yr. <i>Journal of Quaternary Science</i> , 2004, 19, 35-47.	2.1	135
77	Precise radiocarbon dating of Late-Glacial cooling in mid-latitude South America. <i>Quaternary Research</i> , 2003, 59, 70-78.	1.7	144
78	Abrupt vegetation changes during the last glacial to Holocene transition in mid-latitude South America. <i>Journal of Quaternary Science</i> , 2003, 18, 787-800.	2.1	104
79	Western Patagonia: A Key Area for Understanding Quaternary Paleoclimate at Southern Mid-Latitudes. <i>Series of the Centro De Estudios Científicos De Santiago</i> , 2002, , 43-54.	0.2	3
80	Interhemispheric climate links revealed by a late-glacial cooling episode in southern Chile. <i>Nature</i> , 2001, 409, 804-808.	27.8	143
81	Climate, Fire, and Vegetation between about 13,000 and 9200 14C yr B.P. in the Chilean Lake District. <i>Quaternary Research</i> , 2000, 54, 81-89.	1.7	50
82	Interhemispheric Linkage of Paleoclimate During the Last Glaciation. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1999, 81, 107-153.	1.5	40
83	Geomorphology, Stratigraphy, and Radiocarbon Chronology of Llanquihue Drift in the Area of the Southern Lake District, Seno Reloncavi, and Isla Grande de Chiloe, Chile. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1999, 81, 167-229.	1.5	25
84	Abrupt Vegetation and Climate Changes During the Last Glacial Maximum and Last Termination in The Chilean Lake District: A Case Study from Canal De La Puntilla (41°S). <i>Geografiska Annaler, Series A: Physical Geography</i> , 1999, 81, 285-311.	1.5	31
85	Interhemispheric Linkage of Paleoclimate During the Last Glaciation. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1999, 81, 107-153.	1.5	233
86	Geomorphology, Stratigraphy, and Radiocarbon Chronology of Llanquihue Drift in the Area of the Southern Lake District, Seno Reloncavi, and Isla Grande de Chiloe, Chile. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1999, 81, 167-229.	1.5	144
87	Vegetation and climate near Lago Llanquihue in the Chilean Lake District between 20200 and 9500 14C yr BP. <i>Journal of Quaternary Science</i> , 1997, 12, 485-500.	2.1	75
88	Vegetation and climate near Lago Llanquihue in the Chilean Lake District between 20200 and 9500 14C yr BP. <i>Journal of Quaternary Science</i> , 1997, 12, 485-500.	2.1	1
89	Climate, vegetation and glacier fluctuations in Chile, between 40°30' and 42°30' latitude. A short review of preliminary results. <i>Quaternary International</i> , 1995, 28, 199-201.	1.5	5
90	Interhemispheric Correlation of Late Pleistocene Glacial Events. <i>Science</i> , 1995, 269, 1541-1549.	12.6	357

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91	Effects of Feedback and Reinforcement in Tachistoscopic Training on a Fault-Detection Task. Perceptual and Motor Skills, 1980, 51, 987-993.	1.3	1
92	Glacial geomorphology of the central and southern Chilotan Archipelago (42.2°Sâ€“43.5°S), northwestern Patagonia. Journal of Maps, 0, , 1-17.	2.0	1