

Ricardo Villalba

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

217
papers

9,373
citations

49
h-index

89
g-index

233
ext. papers

10,747
ext. citations

4
avg, IF

6.43
L-index

#	Paper	IF	Citations
217	Contrasting climate influences on <i>Nothofagus pumilio</i> establishment along elevational gradients. <i>Plant Ecology</i> , 2022 , 223, 369	1.7	0
216	High-fidelity representation of climate variations by <i>Amburana cearensis</i> tree-ring chronologies across a tropical forest transition in South America. <i>Dendrochronologia</i> , 2022 , 72, 125932	2.8	0
215	Two <i>Nothofagus</i> Species in Southernmost South America Are Recording Divergent Climate Signals. <i>Forests</i> , 2022 , 13, 794	2.8	0
214	Causes of the long-term variability of southwestern South America precipitation in the IPSL-CM6A-LR model. <i>Climate Dynamics</i> , 2021 , 57, 2391	4.2	2
213	Sustainable harvest or resource depression? Using ancient DNA to study the population dynamics of guanaco in western Argentina during the Holocene. <i>Journal of Archaeological Science</i> , 2021 , 129, 105353	2.9	3
212	Different climate sensitivity for radial growth, but uniform for tree-ring stable isotopes along an aridity gradient in <i>Polylepis tarapacana</i> , the world's highest elevation tree species. <i>Tree Physiology</i> , 2021 , 41, 1353-1371	4.2	7
211	Growth resilience of <i>Austrocedrus chilensis</i> to drought along a precipitation gradient in Patagonia, Argentina. <i>Forest Ecology and Management</i> , 2021 , 496, 119388	3.9	1
210	Ice Mass Loss in the Central Andes of Argentina Between 2000 and 2018 Derived From a New Glacier Inventory and Satellite Stereo-Imagery. <i>Frontiers in Earth Science</i> , 2020 , 8,	3.5	6
209	Dendroclimatological assessment of <i>Polylepis rodolfo-vasquezii</i> : A novel <i>Polylepis</i> species in the Peru highlands. <i>Dendrochronologia</i> , 2020 , 62, 125722	2.8	3
208	Observed and Projected Hydroclimate Changes in the Andes. <i>Frontiers in Earth Science</i> , 2020 , 8,	3.5	23
207	Between Foragers and Farmers: Climate Change and Human Strategies in Northwestern Patagonia. <i>Quaternary</i> , 2020 , 3, 17	2.2	5
206	Six hundred years of South American tree rings reveal an increase in severe hydroclimatic events since mid-20th century. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 16816-16823	11.5	51
205	Isotopic Equilibrium Between Precipitation and Water Vapor in Northern Patagonia and Its Consequences on $\delta^{18}O$ Cellulose Estimate. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020 , 125, e2019JG005418	3.7	1
204	Low growth resilience to drought is related to future mortality risk in trees. <i>Nature Communications</i> , 2020 , 11, 545	17.4	103
203	Ranking of tree-ring based hydroclimate reconstructions of the past millennium. <i>Quaternary Science Reviews</i> , 2020 , 230, 106074	3.9	26
202	Pan American interactions of Amazon precipitation, streamflow, and tree growth extremes. <i>Environmental Research Letters</i> , 2020 , 15, 104092	6.2	1
201	Patterns of Tree Establishment Following Glacier-Induced Floods in Southern Patagonia 2020 , 225-246		1

200	Tree-Growth Variations of <i>Nothofagus antarctica</i> Related to Climate and Land Use Changes in Southern Patagonia, Argentina 2020 , 331-354		2
199	Forest Dynamics in the Argentinean Patagonian Andes: Lessons Learned from Dendroecology 2020 , 171-201		1
198	+A 5680-year tree-ring temperature record for southern South America. <i>Quaternary Science Reviews</i> , 2020 , 228, 106087	3.9	12
197	Climate-growth relationships for <i>Aspidosperma tomentosum</i> Mart. in South American tropical dry forests. <i>Annals of Forest Science</i> , 2020 , 77, 1	3.1	1
196	Spatial distribution and characteristics of Andean ice masses in Argentina: results from the first National Glacier Inventory. <i>Journal of Glaciology</i> , 2020 , 66, 938-949	3.4	11
195	Forest carbon sink neutralized by pervasive growth-lifespan trade-offs. <i>Nature Communications</i> , 2020 , 11, 4241	17.4	43
194	Slope estimation influences on ice thickness inversion models: a case study for Monte Tronador glaciers, North Patagonian Andes. <i>Journal of Glaciology</i> , 2020 , 66, 996-1005	3.4	5
193	NDVI Spatio-temporal Patterns and Climatic Controls Over Northern Patagonia. <i>Ecosystems</i> , 2020 , 23, 84-97	3.9	11
192	Scientific Merits and Analytical Challenges of Tree-Ring Densitometry. <i>Reviews of Geophysics</i> , 2019 , 57, 1224-1264	23.1	50
191	Radial Growth Patterns Associated with Tree Mortality in <i>Nothofagus pumilio</i> Forest. <i>Forests</i> , 2019 , 10, 489	2.8	9
190	Contrasting Climates at Both Sides of the Andes in Argentina and Chile. <i>Frontiers in Environmental Science</i> , 2019 , 7,	4.8	35
189	Interannual and Long-Term Precipitation Variability Along the Subtropical Mountains and Adjacent Chaco (2209° S) in Argentina. <i>Frontiers in Earth Science</i> , 2019 , 7,	3.5	9
188	Convergence in growth responses of tropical trees to climate driven by water stress. <i>Ecography</i> , 2019 , 42, 1899-1912	6.5	11
187	Tree-ring correlations suggest links between moderate earthquakes and distant rockfalls in the Patagonian Cordillera. <i>Scientific Reports</i> , 2019 , 9, 12112	4.9	7
186	METEOROLOGICAL FACTORS ASSOCIATED WITH FROST RINGS IN ROCKY MOUNTAIN BRISTLECONE PINE AT MT. GOLIATH, COLORADO. <i>Tree-Ring Research</i> , 2019 , 75, 101	1	6
185	Fire damage to cambium affects localized xylem anatomy and hydraulics: the case of <i>Nothofagus pumilio</i> in Patagonia. <i>American Journal of Botany</i> , 2019 , 106, 1536-1544	2.7	6
184	Streamflow variations across the Andes (18°-55°S) during the instrumental era. <i>Scientific Reports</i> , 2019 , 9, 17879	4.9	20
183	Detecting Growth Reductions Induced by Past Spring Frosts at the Northern Patagonian Andes. <i>Frontiers in Plant Science</i> , 2019 , 10, 1413	6.2	3

182	Six Decades (1958–2018) of Geodetic Glacier Mass Balance in Monte San Lorenzo, Patagonian Andes. <i>Frontiers in Earth Science</i> , 2019 , 7,	3.5	9
181	South American Dendroecological Fieldweek 2016: Exploring Dendrochronological Research in Northern Patagonia. <i>Tree-Ring Research</i> , 2018 , 74, 120-131	1	3
180	A comparison of some simple methods used to detect unstable temperature responses in tree-ring chronologies. <i>Dendrochronologia</i> , 2018 , 48, 52-73	2.8	10
179	Past Summer Temperatures Inferred From Dendrochronological Records of <i>Fitzroya cupressoides</i> on the Eastern Slope of the Northern Patagonian Andes. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018 , 123, 32-45	3.7	16
178	Regional aspects of streamflow droughts in the Andean rivers of Patagonia, Argentina. Links with large-scale climatic oscillations 2018 , 49, 134-149		24
177	Climate and <i>Nothofagus pumilio</i> Establishment at Upper Treelines in the Patagonian Andes. <i>Frontiers in Earth Science</i> , 2018 , 6,	3.5	9
176	Early-Warning Signals of Individual Tree Mortality Based on Annual Radial Growth. <i>Frontiers in Plant Science</i> , 2018 , 9, 1964	6.2	77
175	Teleconnection stationarity, variability and trends of the Southern Annular Mode (SAM) during the last millennium. <i>Climate Dynamics</i> , 2018 , 51, 2321-2339	4.2	38
174	Indicadores del decaimiento en bosques de <i>Nothofagus pumilio</i> en el norte de la Patagonia, Argentina. <i>Madera Bosques</i> , 2018 , 24,	0.9	5
173	Limitations of Water Resources Infrastructure for Reducing Community Vulnerabilities to Extremes and Uncertainty of Flood and Drought. <i>Environmental Management</i> , 2018 , 62, 1038-1047	3.1	4
172	Climatic and volcanic forcing of tropical belt northern boundary over the past 800 years. <i>Nature Geoscience</i> , 2018 , 11, 933-938	18.3	13
171	Tree rings reveal globally coherent signature of cosmogenic radiocarbon events in 774 and 993 CE. <i>Nature Communications</i> , 2018 , 9, 3605	17.4	64
170	Spatiotemporal Variations in Hydroclimate across the Mediterranean Andes (30°–37°S) since the Early Twentieth Century. <i>Journal of Hydrometeorology</i> , 2017 , 18, 1929-1942	3.7	27
169	Colonization of mid- and late-Holocene moraines by lichens and trees in the Magellanic sub-Antarctic province. <i>Polar Biology</i> , 2017 , 40, 1739-1753	2	4
168	Improvement of isotope-based climate reconstructions in Patagonia through a better understanding of climate influences on isotopic fractionation in tree rings. <i>Earth and Planetary Science Letters</i> , 2017 , 459, 372-380	5.3	25
167	Fire history in southern Patagonia: human and climate influences on fire activity in <i>Nothofagus pumilio</i> forests. <i>Ecosphere</i> , 2017 , 8, e01932	3.1	16
166	Modelling tree ring cellulose $\delta^{18}O$ variations in two temperature-sensitive tree species from North and South America. <i>Climate of the Past</i> , 2017 , 13, 1515-1526	3.9	16
165	Does water availability regulate biomass partitioning between trunk and branches?. <i>Plant Biology</i> , 2017 , 19, 917-925	3.7	2

164	Tree ring reconstructed rainfall over the southern Amazon Basin. <i>Geophysical Research Letters</i> , 2017 , 44, 7410-7418	4.9	22
163	Forest Decline in Northern Patagonia: The Role of Climatic Variability. <i>Ecological Studies</i> , 2017 , 325-342	1.1	4
162	Ionic and stable isotope chemistry as indicators of water sources to the Upper Mendoza River basin, Central Andes of Argentina. <i>Hydrological Sciences Journal</i> , 2017 , 62, 588-605	3.5	8
161	Effect of volcanic ash deposition on length and radial growths of a deciduous montane tree (<i>Nothofagus pumilio</i>). <i>Austral Ecology</i> , 2017 , 42, 103-112	1.5	8
160	A regional water balance indicator inferred from satellite images of an Andean endorheic basin in central-western Argentina. <i>Hydrological Sciences Journal</i> , 2017 , 62, 533-545	3.5	10
159	Spatio-Temporal Patterns of the 2010-2015 Extreme Hydrological Drought across the Central Andes, Argentina. <i>Water (Switzerland)</i> , 2017 , 9, 652	3	36
158	A synthesis of radial growth patterns preceding tree mortality. <i>Global Change Biology</i> , 2017 , 23, 1675-1690	10.4	277
157	Influence of droughts on <i>Nothofagus pumilio</i> forest decline across northern Patagonia, Argentina. <i>Ecosphere</i> , 2016 , 7, e01390	3.1	29
156	Are the oxygen isotopic compositions of <i>Fitzroya cupressoides</i> and <i>Nothofagus pumilio</i> cellulose promising proxies for climate reconstructions in northern Patagonia?. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016 , 121, 767-776	3.7	16
155	Ranking of tree-ring based temperature reconstructions of the past millennium. <i>Quaternary Science Reviews</i> , 2016 , 145, 134-151	3.9	66
154	Exposure of Rural Communities to Climate Variability and Change: Case Studies from Argentina, Colombia and Canada. <i>Climate Change Management</i> , 2016 , 23-38	0.6	2
153	Reconstructing the annual mass balance of the Echaurren Norte glacier (Central Andes, 33.5° S) using local and regional hydroclimatic data. <i>Cryosphere</i> , 2016 , 10, 927-940	5.5	39
152	Establishment of <i>Nothofagus pumilio</i> at Upper Treelines Across a Precipitation Gradient in the Northern Patagonian Andes. <i>Arctic, Antarctic, and Alpine Research</i> , 2016 , 48, 755-766	1.8	9
151	Streamflow variability in the Chilean Temperate-Mediterranean climate transition (35°S-42°S) during the last 400 years inferred from tree-ring records. <i>Climate Dynamics</i> , 2016 , 47, 4051-4066	4.2	41
150	New precipitation and temperature grids for northern Patagonia: Advances in relation to global climate grids. <i>Journal of Meteorological Research</i> , 2016 , 30, 38-52	2.3	26
149	An assessment of <i>Schinopsis brasiliensis</i> Engler (Anacardiaceae) for dendroclimatological applications in the tropical Cerrado and Chaco forests, Bolivia. <i>Dendrochronologia</i> , 2016 , 40, 85-92	2.8	9
148	Sensitivity of <i>Nothofagus dombeyi</i> tree growth to climate changes along a precipitation gradient in northern Patagonia, Argentina. <i>Trees - Structure and Function</i> , 2015 , 29, 1053-1067	2.6	18
147	Tree-ring based reconstruction of Río Bermejo streamflow in subtropical South America. <i>Journal of Hydrology</i> , 2015 , 525, 572-584	6	30

146	Temporal changes in climatic limitation of tree-growth at upper treeline forests: Contrasted responses along the west-to-east humidity gradient in Northern Patagonia. <i>Dendrochronologia</i> , 2015 , 36, 49-59	2.8	33
145	Inventory and recent changes of small glaciers on the northeast margin of the Southern Patagonia Icefield, Argentina. <i>Journal of Glaciology</i> , 2015 , 61, 511-523	3.4	12
144	Dendrogeomorphic reconstruction of flash floods in the Patagonian Andes. <i>Geomorphology</i> , 2015 , 228, 116-123	4.3	13
143	Does drought incite tree decline and death in <i>Austrocedrus chilensis</i> forests?. <i>Journal of Vegetation Science</i> , 2015 , 26, 1171-1183	3.1	20
142	Multi-century lake area changes in the Southern Altiplano: a tree-ring-based reconstruction. <i>Climate of the Past</i> , 2015 , 11, 1139-1152	3.9	21
141	Variability in the annual cycle of the R \bar{B} Atuel streamflows and its relationship with tropospheric circulation. <i>International Journal of Climatology</i> , 2015 , 35, 2948-2967	3.5	9
140	First surface velocity maps for glaciers of Monte Tronador, North Patagonian Andes, derived from sequential P \bar{L} ades satellite images. <i>Journal of Glaciology</i> , 2015 , 61, 908-922	3.4	25
139	Long-term trends in radial growth associated with <i>Nothofagus pumilio</i> forest decline in Patagonia: Integrating local- into regional-scale patterns. <i>Forest Ecology and Management</i> , 2015 , 339, 44-56	3.9	27
138	Forest management criteria for 12 species of Tropical Native Forests of Bolivia based on dendrochronological methods. <i>Ecosistemas</i> , 2015 , 24, 24-29	1.7	4
137	An assessment of growth ring identification in subtropical forests from northwestern Argentina. <i>Dendrochronologia</i> , 2014 , 32, 113-119	2.8	12
136	Interannual variations in primary and secondary growth of <i>Nothofagus pumilio</i> and their relationships with climate. <i>Trees - Structure and Function</i> , 2014 , 28, 1463-1471	2.6	13
135	Inter-hemispheric temperature variability over the past millennium. <i>Nature Climate Change</i> , 2014 , 4, 362-367	3.67	181
134	Isotopic evidence on human bone for declining maize consumption during the little ice age in central western Argentina. <i>Journal of Archaeological Science</i> , 2014 , 49, 213-227	2.9	28
133	Documentary and tree-ring evidence for a long-term interval without ice impoundments from Glaciar Perito Moreno, Patagonia, Argentina. <i>Holocene</i> , 2014 , 24, 1686-1693	2.6	10
132	Patterns and drivers of <i>Araucaria araucana</i> forest growth along a biophysical gradient in the northern Patagonian Andes: Linking tree rings with satellite observations of soil moisture. <i>Austral Ecology</i> , 2014 , 39, 158-169	1.5	37
131	Recent and Historic Andean Snowpack and Streamflow Variations and Vulnerability to Water Shortages in Central-Western Argentina 2013 , 213-227		11
130	Tree-growth responses across environmental gradients in subtropical Argentinean forests. <i>Plant Ecology</i> , 2013 , 214, 1321-1334	1.7	14
129	First Glacier Inventory and Recent Changes in Glacier Area in the Monte San Lorenzo Region (47°S), Southern Patagonian Andes, South America. <i>Arctic, Antarctic, and Alpine Research</i> , 2013 , 45, 19-28	1.8	29

128	Effects of the pruning intensity and tree size on multi-stemmed <i>Prosopis flexuosa</i> trees in the Central Monte, Argentina. <i>Forest Ecology and Management</i> , 2013 , 310, 857-864	3.9	4
127	First dendroarchaeological dates of prehistoric contexts in South America: chullpas in the Central Andes. <i>Journal of Archaeological Science</i> , 2013 , 40, 2393-2401	2.9	11
126	Cumulative diameter growth and biological rotation age for seven tree species in the Cerrado biogeographical province of Bolivia. <i>Forest Ecology and Management</i> , 2013 , 292, 49-55	3.9	23
125	Continental-scale temperature variability during the past two millennia. <i>Nature Geoscience</i> , 2013 , 6, 339-346	18.6	787
124	Grazing-induced morphological and growth rate changes in <i>Anarthrophyllum rigidum</i> , a Patagonian leguminous shrub. <i>Dendrochronologia</i> , 2013 , 31, 223-227	2.8	6
123	Fire history in the <i>Araucaria araucana</i> forests of Argentina: human and climate influences. <i>International Journal of Wildland Fire</i> , 2013 , 22, 194	3.2	38
122	Influence of precipitation pulses on long-term <i>Prosopis ferox</i> dynamics in the Argentinean intermontane subtropics. <i>Oecologia</i> , 2012 , 168, 381-92	2.9	5
121	Spatiotemporal analysis of channel wall erosion in ephemeral torrents using tree roots: An example from the Patagonian Andes. <i>Geology</i> , 2012 , 40, 247-250	5	49
120	Snowpack variations since AD 1150 in the Andes of Chile and Argentina (30°-37°S) inferred from rainfall, tree-ring and documentary records. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		29
119	Unusual Southern Hemisphere tree growth patterns induced by changes in the Southern Annular Mode. <i>Nature Geoscience</i> , 2012 , 5, 793-798	18.3	172
118	Fluctuations of Glaciar Esperanza Norte in the north Patagonian Andes of Argentina during the past 400 yr. <i>Climate of the Past</i> , 2012 , 8, 1079-1090	3.9	8
117	Multi-century tree-ring based reconstruction of the Neuquén River streamflow, northern Patagonia, Argentina. <i>Climate of the Past</i> , 2012 , 8, 815-829	3.9	32
116	Ritmos de crecimiento diamétrico en los bosques secos tropicales: aportes al manejo sostenible de los bosques de la provincia biogeográfica del Cerrado Boliviano. <i>Bosque</i> , 2012 , 33, 21-22	0.8	4
115	Precipitation changes in the South American Altiplano since 1300 AD reconstructed by tree-rings. <i>Climate of the Past</i> , 2012 , 8, 653-666	3.9	86
114	<i>Araucaria araucana</i> tree-ring chronologies in Argentina: spatial growth variations and climate influences. <i>Trees - Structure and Function</i> , 2012 , 26, 443-458	2.6	35
113	Determining the annual periodicity of growth rings in seven tree species of a tropical moist forest in Santa Cruz, Bolivia. <i>Forest Systems</i> , 2012 , 21, 508	0.9	14
112	Multicentury tree ring reconstruction of annual streamflow for the Maule River watershed in south central Chile. <i>Water Resources Research</i> , 2011 , 47,	5.4	47
111	Reconstructing temporal patterns of snow avalanches at Lago del Desierto, southern Patagonian Andes. <i>Cold Regions Science and Technology</i> , 2011 , 67, 68-78	3.8	34

110	Factors controlling deadwood availability and branch decay in two <i>Prosopis</i> woodlands in the Central Monte, Argentina. <i>Forest Ecology and Management</i> , 2011 , 262, 637-645	3.9	9
109	Wood productivity of <i>Prosopis flexuosa</i> D.C. woodlands in the central Monte: Influence of population structure and tree-growth habit. <i>Journal of Arid Environments</i> , 2011 , 75, 7-13	2.5	24
108	Climate Influences on the Radial Growth of <i>Centrolobium microchaete</i> , a Valuable Timber Species from the Tropical Dry Forests in Bolivia. <i>Biotropica</i> , 2011 , 43, 41-49	2.3	38
107	Variations in <i>Anarthrophyllum rigidum</i> radial growth, NDVI and ecosystem productivity in the Patagonian shrubby steppes. <i>Plant Ecology</i> , 2011 , 212, 1841-1854	1.7	9
106	Aridity changes in the Temperate-Mediterranean transition of the Andes since ad 1346 reconstructed from tree-rings. <i>Climate Dynamics</i> , 2011 , 36, 1505-1521	4.2	71
105	Multiproxy summer and winter surface air temperature field reconstructions for southern South America covering the past centuries. <i>Climate Dynamics</i> , 2011 , 37, 35-51	4.2	108
104	Spatiotemporal Pattern of Primary Succession in Relation to Meso-topographic Gradients on Recently Deglaciaded Terrains in the Patagonian Andes. <i>Arctic, Antarctic, and Alpine Research</i> , 2011 , 43, 555-567	1.8	41
103	Vegetation Development on Deglaciaded Rock Outcrops from Glaciar FrBs, Argentina. <i>Arctic, Antarctic, and Alpine Research</i> , 2011 , 43, 35-45	1.8	33
102	Regional Differences in South American Monsoon Precipitation Inferred from the Growth and Isotopic Composition of Tropical Trees*. <i>Earth Interactions</i> , 2011 , 15, 1-35	1.5	38
101	Dendroclimatology from Regional to Continental Scales: Understanding Regional Processes to Reconstruct Large-Scale Climatic Variations Across the Western Americas. <i>Developments in Paleoenvironmental Research</i> , 2011 , 175-227		15
100	Multi-centennial summer and winter precipitation variability in southern South America. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	85
99	Intra- to Multidecadal Variations of Snowpack and Streamflow Records in the Andes of Chile and Argentina between 30° and 37°S. <i>Journal of Hydrometeorology</i> , 2010 , 11, 822-831	3.7	56
98	<i>Austrocedrus chilensis</i> growth decline in relation to drought events in northern Patagonia, Argentina. <i>Trees - Structure and Function</i> , 2010 , 24, 561-570	2.6	36
97	Little Ice Age fluctuations of Glaciar Rb Manso in the North Patagonian Andes of Argentina. <i>Quaternary Research</i> , 2010 , 73, 96-106	1.9	32
96	Rainfall Up, Mountain Down?. <i>Advances in Global Change Research</i> , 2010 , 121-125	1.2	
95	Using Dendrochronology to Validate Numerical Simulations of Snow Avalanches in the Patagonian Andes. <i>Advances in Global Change Research</i> , 2010 , 75-78	1.2	
94	Reconstrucci3n espacial y temporal de la ocurrencia de avalanchas de nieve en los Andes patag3nicos utilizando t3cnicas dendrocronol3gicas. <i>Revista Chilena De Historia Natural</i> , 2009 , 82,	1.8	6
93	Lichenometric dating using <i>Rhizocarpon</i> subgenus <i>Rhizocarpon</i> in the Patagonian Andes, Argentina. <i>Quaternary Research</i> , 2009 , 71, 271-283	1.9	12

92	Potential of <i>Schinopsis lorentzii</i> for dendrochronological studies in subtropical dry Chaco forests of South America. <i>Trees - Structure and Function</i> , 2009 , 23, 1275-1284	2.6	18
91	Climate Change in Southern South America During the Last Two Millennia. <i>Developments in Paleoenvironmental Research</i> , 2009 , 353-393		30
90	Little Ice Age fluctuations of small glaciers in the Monte Fitz Roy and Lago del Desierto areas, south Patagonian Andes, Argentina. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009 , 281, 351-362	2.9	45
89	El Niño-Southern Oscillation signal in the world's highest-elevation tree-ring chronologies from the Altiplano, Central Andes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009 , 281, 309-319	2.9	45
88	Spatio-temporal variations in <i>Polylepis tarapacana</i> radial growth across the Bolivian Altiplano during the 20th century. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009 , 281, 296-308	2.9	39
87	Dendroclimatological reconstructions in South America: A review. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009 , 281, 210-228	2.9	101
86	Glacier fluctuations in extratropical South America during the past 1000 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009 , 281, 242-268	2.9	158
85	Climate in the Monte Desert: Past trends, present conditions, and future projections. <i>Journal of Arid Environments</i> , 2009 , 73, 154-163	2.5	97
84	Annual growth rings of the shrub <i>Anarthrophyllum rigidum</i> across Patagonia: Interannual variations and relationships with climate. <i>Journal of Arid Environments</i> , 2009 , 73, 1074-1083	2.5	17
83	An extended network of documentary data from South America and its potential for quantitative precipitation reconstructions back to the 16th century. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	24
82	High-resolution palaeoclimatology of the last millennium: a review of current status and future prospects. <i>Holocene</i> , 2009 , 19, 3-49	2.6	499
81	Understanding Climate from Patagonian Tree Rings. <i>Developments in Quaternary Sciences</i> , 2008 , 411-435	5.5	6
80	Radial growth and biological rotation age of <i>Prosopis caldenia</i> Burkart in Central Argentina. <i>Journal of Arid Environments</i> , 2008 , 72, 16-23	2.5	18
79	20th-century glacier recession and regional hydroclimatic changes in northwestern Patagonia. <i>Global and Planetary Change</i> , 2008 , 60, 85-100	4.2	129
78	Above- and below-ground response by <i>Nothofagus pumilio</i> to climatic conditions at the transition from the steppe-forest boundary to the alpine treeline in southern Patagonia, Argentina. <i>Plant Ecology and Diversity</i> , 2008 , 1, 21-33	2.2	22
77	Influencias de las variaciones en el clima y en la concentración de CO ₂ sobre el crecimiento de <i>Nothofagus pumilio</i> en la Patagonia. <i>Revista Chilena De Historia Natural</i> , 2008 , 81,	1.8	22
76	Validating numerical simulations of snow avalanches using dendrochronology: the Cerro Ventana event in Northern Patagonia, Argentina. <i>Natural Hazards and Earth System Sciences</i> , 2008 , 8, 433-443	3.9	40
75	A 400-year tree-ring record of the Puelo River summer-fall streamflow in the Valdivian Rainforest eco-region, Chile. <i>Climatic Change</i> , 2008 , 86, 331-356	4.5	101

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