

# Ignacio Mundo

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

2,429  
citations

361045

20  
h-index

610482

24  
g-index

30  
all docs

30  
docs citations

30  
times ranked

3822  
citing authors

#	ARTICLE	IF	CITATIONS
1	Continental-scale temperature variability during the past two millennia. <i>Nature Geoscience</i> , 2013, 6, 339-346.	5.4	954
2	A global multiproxy database for temperature reconstructions of the Common Era. <i>Scientific Data</i> , 2017, 4, 170088.	2.4	268
3	Inter-hemispheric temperature variability over the past millennium. <i>Nature Climate Change</i> , 2014, 4, 362-367.	8.1	240
4	Unusual Southern Hemisphere tree growth patterns induced by changes in the Southern Annular Mode. <i>Nature Geoscience</i> , 2012, 5, 793-798.	5.4	198
5	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.	3.3	119
6	Scientific Merits and Analytical Challenges of Tree-Ring Densitometry. <i>Reviews of Geophysics</i> , 2019, 57, 1224-1264.	9.0	98
7	Southern Annular Mode drives multicentury wildfire activity in southern South America. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9552-9557.	3.3	59
8	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.	1.7	50
9	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.	1.0	48
10	<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.	0.9	46
11	<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.	0.9	43
12	Testing the utility of <i>Nothofagus pumilio</i> for dating a snow avalanche in Tierra del Fuego, Argentina. <i>Dendrochronologia</i> , 2007, 25, 19-28.	1.0	41
13	Multi-century tree-ring based reconstruction of the Neuqu�n River streamflow, northern Patagonia, Argentina. <i>Climate of the Past</i> , 2012, 8, 815-829.	1.3	36
14	Environmental drivers and spatial dependency in wildfire ignition patterns of northwestern Patagonia. <i>Journal of Environmental Management</i> , 2013, 123, 77-87.	3.8	36
15	Fire history in southern Patagonia: human and climate influences on fire activity in <i>Nothofagus pumilio</i> forests. <i>Ecosphere</i> , 2017, 8, e01932.	1.0	28
16	Diameter growth: can live trees decrease?. <i>Forestry</i> , 2007, 80, 83-88.	1.2	27
17	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.	0.9	26
18	Field-Validated Burn-Severity Mapping in North Patagonian Forests. <i>Remote Sensing</i> , 2020, 12, 214.	1.8	26

#	ARTICLE	IF	CITATIONS
19	Identification of selected CITES-protected Araucariaceae using DART TOFMS. IAWA Journal, 2017, 38, 266-S3.	2.7	25
20	Dendrohydrology and water resources management in south-central Chile: lessons from the Río Imperial streamflow reconstruction. Hydrology and Earth System Sciences, 2018, 22, 2921-2935.	1.9	24
21	Fire damage to cambium affects localized xylem anatomy and hydraulics: the case of Nothofagus pumilio in Patagonia. American Journal of Botany, 2019, 106, 1536-1544.	0.8	12
22	Multi-centennial phase-locking between reproduction of a South American conifer and large-scale drivers of climate. Nature Plants, 2021, 7, 1560-1570.	4.7	11
23	Fire History and Fire Regimes Shifts in Patagonian Temperate Forests. Ecological Studies, 2017, , 211-229.	0.4	6
24	Burn severity in Araucaria araucana forests of northern Patagonia: tree mortality scales up to burn severity at plot scale, mediated by topography and climatic context. Plant Ecology, 0, , .	0.7	3
25	Dendroecology Applied to Silvicultural Management in the Southern Patagonian Forests: A Case Study from an Experimental Forest in Tierra del Fuego, Argentina. , 2020, , 317-330.		2
26	Radial growth responses to thinning and climate in native Nothofagus betuloides forests in Tierra del Fuego, Argentina. Dendrochronologia, 2019, 57, 125625.	1.0	1
27	Forest Dynamics in the Argentinean Patagonian Andes: Lessons Learned from Dendroecology. , 2020, , 171-201.		1
28	Tree-ring isotopes from Araucaria araucana as useful proxies for climate reconstructions. Dendrochronologia, 2022, 74, 125979.	1.0	1
29	Ajuste de modelos de volumen de fuste para Populus x canadensis &#8216;Conti 12&#8217; y &#8216;Guardi&#8217; en plantaciones irrigadas de Mendoza, Argentina. Bosque, 2019, 40, 217-226.	0.1	0
30	Differential responses of Populus deltoides and Populus&#8211;canadensis clones to short-term water deficit. New Forests, 0, , .	0.7	0