Jussi GrieÃinger

List of Publications by Year
in descending order

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52	1,535	377584	355658
papers	citations	21	38
		h-index	g-index

56	56	56	1621
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Decreasing Water Availability as a Threat for Traditional Irrigation-Based Land-Use Systems in the Mustang Himalaya/Nepal. Sustainable Development Goals Series, 2022, , 253-266.	0.2	0
2	Long-term growth trends of Abies delavayi and its physiological responses to a warming climate in the Cangshan Mountains, southwestern China. Forest Ecology and Management, 2022, 505, 119943.	1.4	14
3	Contribution of winter precipitation to tree growth persists until the late growing season in the Karakoram of northern Pakistan. Journal of Hydrology, 2022, 607, 127513.	2.3	18
4	Tree-Ring Oxygen Isotope Variations in Subalpine Firs from the Western Himalaya Capture Spring Season Temperature Signals. Forests, 2022, 13, 437.	0.9	5
5	Tree-ring cellulose oxygen isotopes indicate atmospheric aridity in the western Kunlun Mountains. Ecological Indicators, 2022, 137, 108776.	2.6	3
6	Reply to Weiss: Tree-ring stable oxygen isotopes suggest an increase in Asian monsoon rainfall at 4.2 ka BP. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2204067119.	3.3	1
7	Two Nothofagus Species in Southernmost South America Are Recording Divergent Climate Signals. Forests, 2022, 13, 794.	0.9	2
8	No evidence for carryover effect in tree rings based on a pulse-labelling experiment on Juniperus communis in South Germany. Trees - Structure and Function, 2021, 35, 493-502.	0.9	1
9	Unexpected climate variability inferred from a 380-year tree-ring earlywood oxygen isotope record in the Karakoram, Northern Pakistan. Climate Dynamics, 2021, 57, 701-715.	1.7	18
10	Multi-centennial reconstruction of drought events in South-Western Iran using tree rings of Mediterranean cypress (Cupressus sempervirens L.). Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 567, 110296.	1.0	7
11	The influence of decision-making in tree ring-based climate reconstructions. Nature Communications, 2021, 12, 3411.	5.8	59
12	Permafrost Biases Climate Signals in Î´18Otree-ring Series from a Sub-Alpine Tree Stand in Val Bever/Switzerland. Atmosphere, 2021, 12, 836.	1.0	0
13	Long-term decrease in Asian monsoon rainfall and abrupt climate change events over the past 6,700 years. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	81
14	A tree-ring Î´18O series from southernmost Fuego-Patagonia is recording flavors of the Antarctic Oscillation. Global and Planetary Change, 2020, 195, 103302.	1.6	7
15	â€œdendRoAnalystâ€• A tool for processing and analysing dendrometer data. Dendrochronologia, 2020, 64, 125772.	1.0	15
16	501 Years of Spring Precipitation History for the Semi-Arid Northern Iran Derived from Tree-Ring Î´18O Data. Atmosphere, 2020, 11, 889.	1.0	15
17	Impact of Extreme Weather Events on Aboveground Net Primary Productivity and Sheep Production in the Magellan Region, Southernmost Chilean Patagonia. Geosciences (Switzerland), 2020, 10, 318.	1.0	6
18	Spring Season in Western Nepal Himalaya is not yet Warming: A 400-Year Temperature Reconstruction Based on Tree-Ring Widths of Himalayan Hemlock (Tsuga dumosa). Atmosphere, 2020, 11, 132.	1.0	18

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19	Editorial: Climate Impacts on Glaciers and Biosphere in Fuego-Patagonia. Frontiers in Earth Science, 2020, 8, .	0.8	0
20	10-year Characteristics of Moisture Source Regions and Their Potential Effect on Seasonal Isotopic Signatures of Î´18O in Tropical Trees of Southern Ecuador. Frontiers in Earth Science, 2020, 8, .	0.8	3
21	Evaluation of Different Pooling Methods to Establish a Multi-Century Î´18O Chronology for Paleoclimate Reconstruction. Geosciences (Switzerland), 2019, 9, 270.	1.0	7
22	Intra-Annual Radial Growth of Pinus kesiya var. langbianensis Is Mainly Controlled by Moisture Availability in the Ailao Mountains, Southwestern China. Forests, 2019, 10, 899.	0.9	14
23	Late Holocene Glacial Fluctuations of Schiaparelli Glacier at Monte Sarmiento Massif, Tierra del Fuego (54Â°24â€²S). Geosciences (Switzerland), 2019, 9, 340.	1.0	9
24	Air moisture signals in a stable oxygen isotope chronology of dwarf shrubs from the central Tibetan Plateau. Annals of Botany, 2019, 124, 53-64.	1.4	8
25	A tree-ringâ€“based summer (Juneâ€“July) minimum temperature reconstruction for the western Kunlun Mountains since AD 1681. Theoretical and Applied Climatology, 2019, 138, 673-682.	1.3	17
26	High-elevation shrub-ring Î´18O on the northern slope of the central Himalayas records summer (Mayâ€“July) temperatures. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 524, 230-239.	1.0	12
27	A Dual Stable Isotope Approach Unravels Common Climate Signals and Species-Specific Responses to Environmental Change Stored in Multi-Century Tree-Ring Series from the Tibetan Plateau. Geosciences (Switzerland), 2019, 9, 151.	1.0	17
28	Recent advances in dendroclimatology in China. Earth-Science Reviews, 2019, 194, 521-535.	4.0	43
29	A tree ring-based winter temperature reconstruction for the southeastern Tibetan Plateau since 1340 CE. Climate Dynamics, 2019, 53, 3221-3233.	1.7	45
30	Trees record changes of the temperate glaciers on the Tibetan Plateau: Potential and uncertainty. Global and Planetary Change, 2019, 173, 15-23.	1.6	14
31	Temperature signals in tree-ring oxygen isotope series from the northern slope of the Himalaya. Earth and Planetary Science Letters, 2019, 506, 455-465.	1.8	30
32	Mayâ€“June drought reconstruction over the past 821 years on the south-central Tibetan Plateau derived from tree-ring width series. Dendrochronologia, 2018, 47, 48-57.	1.0	19
33	Projections for the changes in growing season length of tree-ring formation on the Tibetan Plateau based on CMIP5 model simulations. International Journal of Biometeorology, 2018, 62, 631-641.	1.3	29
34	Tree rings reveal globally coherent signature of cosmogenic radiocarbon events in 774 and 993 CE. Nature Communications, 2018, 9, 3605.	5.8	98
35	Imprints of Climate Signals in a 204 Year Î´18O Tree-Ring Record of Nothofagus pumilio From Perito Moreno Glacier, Southern Patagonia (50Â°S). Frontiers in Earth Science, 2018, 6, .	0.8	12
36	An Updated Multi-Temporal Glacier Inventory for the Patagonian Andes With Changes Between the Little Ice Age and 2016. Frontiers in Earth Science, 2018, 6, .	0.8	57

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37	Relationships between Wood Formation and Cambium Phenology on the Tibetan Plateau during 1960â€“2014. Forests, 2018, 9, 86.	0.9	22
38	Late Holocene relative humidity history on the southeastern Tibetan plateau inferred from a tree-ring Î´ 18 O record: Recent decrease and conditions during the last 1500 years. Quaternary International, 2017, 430, 52-59.	0.7	51
39	Process-based modeling of tree-ring formation and its relationships with climate on the Tibetan Plateau. Dendrochronologia, 2017, 42, 31-41.	1.0	31
40	Air mass origin signals in Î´ 18O of tree-ring cellulose revealed by back-trajectory modeling at the monsoonal Tibetan plateau. International Journal of Biometeorology, 2017, 61, 1109-1124.	1.3	17
41	Multi-century humidity reconstructions from the southeastern Tibetan Plateau inferred from tree-ring Î´18O. Global and Planetary Change, 2017, 149, 26-35.	1.6	44
42	Does increasing intrinsic water use efficiency (iWUE) stimulate tree growth at natural alpine timberline on the southeastern Tibetan Plateau?. Global and Planetary Change, 2017, 148, 217-226.	1.6	57
43	New perspective on spring vegetation phenology and global climate change based on Tibetan Plateau tree-ring data. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6966-6971.	3.3	192
44	Influence of the Indian Ocean Dipole on tree-ring Î´18O of monsoonal Southeast Tibet. Climatic Change, 2016, 137, 217-230.	1.7	22
45	Earlywood and Latewood Stable Carbon and Oxygen Isotope Variations in Two Pine Species in Southwestern China during the Recent Decades. Frontiers in Plant Science, 2016, 7, 2050.	1.7	27
46	Dendroecological Perspectives on Climate Change on the Southern Tibetan Plateau. , 2016, , 347-364.		2
47	Variability of summer humidity during the past 800 years on the eastern Tibetan Plateau inferred from Î´¹⁸O of tree-ring cellulose. Climate of the Past, 2015, 11, 327-337.	1.3	62
48	Drought signals in tree-ring stable oxygen isotope series of Qilian juniper from the arid northeastern Tibetan Plateau. Global and Planetary Change, 2015, 125, 48-59.	1.6	32
49	Ages of major Little Ice Age glacier fluctuations on the southeast Tibetan Plateau derived from tree-ring-based moraine dating. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 422, 1-10.	1.0	24
50	A shift in cloud cover over the southeastern Tibetan Plateau since 1600: evidence from regional tree-ring Î´18O and its linkages to tropical oceans. Quaternary Science Reviews, 2014, 88, 55-68.	1.4	52
51	Reconstructing glacier retreat since the Little Ice Age in SE Tibet by glacier mapping and equilibrium line altitude calculation. Geomorphology, 2014, 214, 22-39.	1.1	86
52	Late Holocene Asian summer monsoon variability reflected byÎ´¹⁸O in tree-rings from Tibetan junipers. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	101