Ulf BÃ¼ntgen

List of Publications by Year
in descending order

198 papers	16,489 citations	25034 57 h-index	18130 120 g-index
201 all docs	201 docs citations	201 times ranked	13204 citing authors

#	Article	IF	Citations
1	The IntCal20 Northern Hemisphere Radiocarbon Age Calibration Curve (0â€“55 cal kBP). Radiocarbon, 2020, 62, 725-757.	1.8	3,502
2	2500 Years of European Climate Variability and Human Susceptibility. Science, 2011, 331, 578-582.	12.6	1,154
3	Timing and climate forcing of volcanic eruptions for the past 2,500 years. Nature, 2015, 523, 543-549.	27.8	824
4	Cooling and societal change during the Late Antique Little Ice Age from 536 to around 660 AD. Nature Geoscience, 2016, 9, 231-236.	12.9	596
5	Old World megadroughts and pluvials during the Common Era. Science Advances, 2015, 1, e1500561.	10.3	403
6	Summer Temperature Variations in the European Alps, a.d. 755â€“2004. Journal of Climate, 2006, 19, 5606-5623.	3.2	372
7	Last millennium northern hemisphere summer temperatures from tree rings: Part I: The long term context. Quaternary Science Reviews, 2016, 134, 1-18.	3.0	314
8	European summer temperatures since Roman times. Environmental Research Letters, 2016, 11, 024001.	5.2	260
9	Ensemble reconstruction constraints on the global carbon cycle sensitivity to climate. Nature, 2010, 463, 527-530.	27.8	256
10	Timing and duration of European larch growing season along altitudinal gradients in the Swiss Alps. Tree Physiology, 2010, 30, 225-233.	3.1	233
11	No growth stimulation of Canadaâ€™s boreal forest under half-century of combined warming and CO ₂ fertilization. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E8406-E8414.	7.1	233
12	Orbital forcing of tree-ring data. Nature Climate Change, 2012, 2, 862-866.	18.8	232
13	Climate-driven introduction of the Black Death and successive plague reintroductions into Europe. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3020-3025.	7.1	225
14	A 1052-year tree-ring proxy for Alpine summer temperatures. Climate Dynamics, 2005, 25, 141-153.	3.8	215
15	Silver fir and Douglas fir are more tolerant to extreme droughts than Norway spruce in southâ€western Germany. Global Change Biology, 2017, 23, 5108-5119.	9.5	183
16	Recent European drought extremes beyond Common Era background variability. Nature Geoscience, 2021, 14, 190-196.	12.9	183
17	1200 years of regular outbreaks in alpine insects. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 671-679.	2.6	173
18	Warmer early instrumental measurements versus colder reconstructed temperatures: shooting at a moving target. Quaternary Science Reviews, 2007, 26, 3298-3310.	3.0	165

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19	Last millennium Northern Hemisphere summer temperatures from tree rings: Part II, spatially resolved reconstructions. Quaternary Science Reviews, 2017, 163, 1-22.	3.0	165
20	Growth responses to climate in a multi-species tree-ring network in the Western Carpathian Tatra Mountains, Poland and Slovakia. Tree Physiology, 2007, 27, 689-702.	3.1	163
21	Testing for treeâ€ring divergence in the European Alps. Global Change Biology, 2008, 14, 2443-2453.	9.5	141
22	Long-term summer temperature variations in the Pyrenees. Climate Dynamics, 2008, 31, 615-631.	3.8	140
23	Tree rings and volcanic cooling. Nature Geoscience, 2012, 5, 836-837.	12.9	137
24	Northern European summer temperature variations over the Common Era from integrated treeâ€ring density records. Journal of Quaternary Science, 2014, 29, 487-494.	2.1	136
25	Complex climate controls on 20th century oak growth in Central-West Germany. Tree Physiology, 2008, 29, 39-51.	3.1	134
26	Revising midlatitude summer temperatures back to A.D.â€‰600 based on a wood density network. Geophysical Research Letters, 2015, 42, 4556-4562.	4.0	134
27	Filling the Eastern European gap in millennium-long temperature reconstructions. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1773-1778.	7.1	131
28	Species-specific climate sensitivity of tree growth in Central-West Germany. Trees - Structure and Function, 2009, 23, 729-739.	1.9	125
29	Climatic warming disrupts recurrent Alpine insect outbreaks. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20576-20581.	7.1	125
30	Signals and memory in tree-ring width and density data. Dendrochronologia, 2015, 35, 62-70.	2.2	112
31	Growth/climate response shift in a long subalpine spruce chronology. Trees - Structure and Function, 2006, 20, 99-110.	1.9	106
32	Mitigation efforts will not fully alleviate the increase in water scarcity occurrence probability in wheat-producing areas. Science Advances, 2019, 5, eaau2406.	10.3	104
33	Tree-ring indicators of German summer drought over the last millennium. Quaternary Science Reviews, 2010, 29, 1005-1016.	3.0	103
34	Uniform climate sensitivity in tree-ring stable isotopes across species and sites in a mid-latitude temperate forest. Tree Physiology, 2015, 35, 4-15.	3.1	100
35	Tree rings reveal globally coherent signature of cosmogenic radiocarbon events in 774 and 993 CE. Nature Communications, 2018, 9, 3605.	12.8	98
36	Scientific Merits and Analytical Challenges of Treeâ€Ring Densitometry. Reviews of Geophysics, 2019, 57, 1224-1264.	23.0	98

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37	Three centuries of insect outbreaks across the European Alps. New Phytologist, 2009, 182, 929-941.	7.3	97
38	Diverse climate sensitivity of Mediterranean tree-ring width and density. Trees - Structure and Function, 2010, 24, 261-273.	1.9	95
39	European summer temperature response to annually dated volcanic eruptions over the past nine centuries. Bulletin of Volcanology, 2013, 75, 1.	3.0	92
40	Limited capacity of tree growth to mitigate the global greenhouse effect under predicted warming. Nature Communications, 2019, 10, 2171.	12.8	92
41	Lowâ€frequency noise in <i>Î´</i>¹³C and <i>Î´</i>¹⁸O tree ring data: A case study of <i>Pinus uncinata</i> in the Spanish Pyrenees. Global Biogeochemical Cycles, 2010, 24, .	4.9	91
42	Ranking of tree-ring based temperature reconstructions of the past millennium. Quaternary Science Reviews, 2016, 145, 134-151.	3.0	91
43	Placing unprecedented recent fir growth in a Europeanâ€wide and Holoceneâ€long context. Frontiers in Ecology and the Environment, 2014, 12, 100-106.	4.0	90
44	Temperatureâ€induced recruitment pulses of Arctic dwarf shrub communities. Journal of Ecology, 2015, 103, 489-501.	4.0	90
45	Early Neolithic Water Wells Reveal the World's Oldest Wood Architecture. PLoS ONE, 2012, 7, e51374.	2.5	86
46	Linking climate variability to mushroom productivity and phenology. Frontiers in Ecology and the Environment, 2012, 10, 14-19.	4.0	84
47	Large-scale, millennial-length temperature reconstructions from tree-rings. Dendrochronologia, 2018, 50, 81-90.	2.2	83
48	Warmingâ€induced upward migration of the alpine treeline in the Changbai Mountains, northeast China. Global Change Biology, 2018, 24, 1256-1266.	9.5	81
49	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, .	7.1	81
50	Contrasting effects of environmental change on the radial growth of co-occurring beech and fir trees across Europe. Science of the Total Environment, 2018, 615, 1460-1469.	8.0	80
51	Updating historical tree-ring records for climate reconstruction. Quaternary Science Reviews, 2010, 29, 1957-1959.	3.0	75
52	Diverse growth trends and climate responses across Eurasiaâ€™s boreal forest. Environmental Research Letters, 2016, 11, 074021.	5.2	75
53	Is there memory in precipitation?. Nature Climate Change, 2013, 3, 174-175.	18.8	70
54	Prominent role of volcanism in Common Era climate variability and human history. Dendrochronologia, 2020, 64, 125757.	2.2	66

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55	Anthropogenic Aerosols Cause Recent Pronounced Weakening of Asian Summer Monsoon Relative to Last Four Centuries. Geophysical Research Letters, 2019, 46, 5469-5479.	4.0	65
56	Climatic and environmental aspects of the Mongol withdrawal from Hungary in 1242 CE. Scientific Reports, 2016, 6, 25606.	3.3	63
57	New Tree-Ring Evidence from the Pyrenees Reveals Western Mediterranean Climate Variability since Medieval Times. Journal of Climate, 2017, 30, 5295-5318.	3.2	62
58	The influence of decision-making in tree ring-based climate reconstructions. Nature Communications, 2021, 12, 3411.	12.8	59
59	Weakening of annual temperature cycle over the Tibetan Plateau since the 1870s. Nature Communications, 2017, 8, 14008.	12.8	58
60	Long-term ecological consequences of forest fires in the continuous permafrost zone of Siberia. Environmental Research Letters, 2020, 15, 034061.	5.2	58
61	Linking dendroecology and association genetics in natural populations: Stress responses archived in tree rings associate with <scp>SNP</scp> genotypes in silver fir (<i>Abies alba</i> Mill.). Molecular Ecology, 2018, 27, 1428-1438.	3.9	56
62	Five centuries of Southern Moravian drought variations revealed from living and historic tree rings. Theoretical and Applied Climatology, 2011, 105, 167-180.	2.8	53
63	Precise date for the Laacher See eruption synchronizes the Younger Dryas. Nature, 2021, 595, 66-69.	27.8	53
64	Summer temperature dependency of larch budmoth outbreaks revealed by Alpine tree-ring isotope chronologies. Oecologia, 2009, 160, 353-365.	2.0	52
65	European warm-season temperature and hydroclimate since 850 CE. Environmental Research Letters, 2019, 14, 084015.	5.2	52
66	Three centuries of Slovakian drought dynamics. Climate Dynamics, 2010, 35, 315-329.	3.8	51
67	Ranking of tree-ring based hydroclimate reconstructions of the past millennium. Quaternary Science Reviews, 2020, 230, 106074.	3.0	50
68	Combined dendro-documentary evidence of Central European hydroclimatic springtime extremes over the last millennium. Quaternary Science Reviews, 2011, 30, 3947-3959.	3.0	46
69	Big data integration: Pan-European fungal species observations' assembly for addressing contemporary questions in ecology and global change biology. Fungal Biology Reviews, 2017, 31, 88-98.	4.7	45
70	The EldgjÃ¡ eruption: timing, long-range impacts and influence on the Christianisation of Iceland. Climatic Change, 2018, 147, 369-381.	3.6	45
71	Testing the hypothesis of post-volcanic missing rings in temperature sensitive dendrochronological data. Dendrochronologia, 2013, 31, 216-222.	2.2	44
72	Elevational range shifts in four mountain ungulate species from the <scp>S</scp>wiss <scp>A</scp>lps. Ecosphere, 2017, 8, e01761.	2.2	44

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73	Climate warming induced synchronous growth decline in Norway spruce populations across biogeographical gradients since 2000. Science of the Total Environment, 2021, 752, 141794.	8.0	44
74	Five centuries of Central European temperature extremes reconstructed from tree-ring density and documentary evidence. Global and Planetary Change, 2010, 72, 182-191.	3.5	43
75	Tree ring-based reconstruction of the long-term influence of wildfires on permafrost active layer dynamics in Central Siberia. Science of the Total Environment, 2019, 652, 314-319.	8.0	43
76	Inner Alpine conifer response to 20th century drought swings. European Journal of Forest Research, 2010, 129, 289-298.	2.5	40
77	Drought-induced changes in the phenology, productivity and diversity of Spanish fungi. Fungal Ecology, 2015, 16, 6-18.	1.6	40
78	Unraveling environmental drivers of a recent increase in Swiss fungi fruiting. Global Change Biology, 2013, 19, 2785-2794.	9.5	39
79	Socioâ€economic, scientific, and political benefits of mycotourism. Ecosphere, 2017, 8, e01870.	2.2	39
80	Causes and Consequences of Past and Projected Scandinavian Summer Temperatures, 500â€“2100 AD. PLoS ONE, 2011, 6, e25133.	2.5	39
81	Documentary and instrumental-based drought indices for the Czech Lands back to AD 1501. Climate Research, 2016, 70, 103-117.	1.1	38
82	Fading temperature sensitivity of Alpine tree growth at its Mediterranean margin and associated effects on large-scale climate reconstructions. Climatic Change, 2012, 114, 651-666.	3.6	37
83	Tracing the origin of Arctic driftwood. Journal of Geophysical Research G: Biogeosciences, 2013, 118, 68-76.	3.0	37
84	European springtime temperature synchronises ibex horn growth across the eastern Swiss Alps. Ecology Letters, 2014, 17, 303-313.	6.4	36
85	Truffles and climate change. Frontiers in Ecology and the Environment, 2011, 9, 150-151.	4.0	35
86	Long-term summer temperature variations in the Pyrenees from detrended stable carbon isotopes. Geochronometria, 2015, 42, .	0.8	35
87	Continentalâ€scale macrofungal assemblage patterns correlate with climate, soil carbon and nitrogen deposition. Journal of Biogeography, 2018, 45, 1942-1953.	3.0	35
88	European mushroom assemblages are darker in cold climates. Nature Communications, 2019, 10, 2890.	12.8	34
89	Plants in the UK flower a month earlier under recent warming. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20212456.	2.6	34
90	Declining pine growth in Central Spain coincides with increasing diurnal temperature range since the 1970s. Global and Planetary Change, 2013, 107, 177-185.	3.5	33

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91	Tree-Ring Amplification of the Early Nineteenth-Century Summer Cooling in Central Europea. Journal of Climate, 2015, 28, 5272-5288.	3.2	33
92	Linking European building activity with plague history. Journal of Archaeological Science, 2018, 98, 81-92.	2.4	33
93	Spatial diversity of recent trends in Mediterranean tree growth. Environmental Research Letters, 2014, 9, 084001.	5.2	32
94	Eastern Mediterranean summer temperatures since 730 CE from Mt. Smolikas tree-ring densities. Climate Dynamics, 2020, 54, 1367-1382.	3.8	32
95	Return of the moth: rethinking the effect of climate on insect outbreaks. Oecologia, 2020, 192, 543-552.	2.0	32
96	A risk assessment of Europe's black truffle sector under predicted climate change. Science of the Total Environment, 2019, 655, 27-34.	8.0	31
97	Ecological and conceptual consequences of Arctic pollution. Ecology Letters, 2020, 23, 1827-1837.	6.4	31
98	On the palaeoclimatic potential of a millennium-long oak ring width chronology from Slovakia. Dendrochronologia, 2016, 40, 93-101.	2.2	28
99	Scale-dependent climatic drivers of human epidemics in ancient China. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12970-12975.	7.1	28
100	Openâ€source data reveal how collectionsâ€based fungal diversity is sensitive to global change. Applications in Plant Sciences, 2019, 7, e01227.	2.1	28
101	Different effects of alpine woody plant expansion on domestic and wild ungulates. Global Change Biology, 2019, 25, 1808-1819.	9.5	28
102	New tree-ring evidence for the Late Glacial period from the northern pre-Alps in eastern Switzerland. Quaternary Science Reviews, 2018, 186, 215-224.	3.0	27
103	New Insights into the Complex Relationship between Weight and Maturity of Burgundy Truffles (Tuber) Tj ETQq1 1 0.784314 rgBT /Ov	2.5	27
104	Environmental change without climate change?. New Phytologist, 2010, 188, 646-651.	7.3	26
105	Siberian tree-ring and stable isotope proxies as indicators of temperature and moisture changes after major stratospheric volcanic eruptions. Climate of the Past, 2019, 15, 685-700.	3.4	26
106	Assessing non-linearity in European temperature-sensitive tree-ring data. Dendrochronologia, 2020, 59, 125652.	2.2	26
107	Functional Relationships of Wood Anatomical Traits in Norway Spruce. Frontiers in Plant Science, 2020, 11, 683.	3.6	26
108	Temperature Covariance in Tree Ring Reconstructions and Model Simulations Over the Past Millennium. Geophysical Research Letters, 2017, 44, 9458-9469.	4.0	25

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109	Northern Hemisphere temperature anomalies during the 1450s period of ambiguous volcanic forcing. Bulletin of Volcanology, 2017, 79, 1.	3.0	24
110	Interplay of environmental and socio-political factors in the downfall of the Eastern TÃ¼rk Empire in 630Â CE. Climatic Change, 2017, 145, 383-395.	3.6	24
111	Mushroom productivity trends in relation to tree growth and climate across different European forest biomes. Science of the Total Environment, 2019, 689, 602-615.	8.0	24
112	Long-term effects of climate and land-use change on larch budmoth outbreaks in the French Alps. Climate Research, 2014, 62, 1-14.	1.1	23
113	An empirical perspective for understanding climate change impacts in Switzerland. Regional Environmental Change, 2018, 18, 205-221.	2.9	23
114	Disentangling the effects of spatial proximity and genetic similarity on individual growth performances in Norway spruce natural populations. Science of the Total Environment, 2019, 650, 493-504.	8.0	23
115	Radiocarbon offsets and old world chronology as relevant to Mesopotamia, Egypt, Anatolia and Thera (Santorini). Scientific Reports, 2020, 10, 13785.	3.3	23
116	Site-specific climatic signals in stable isotope records from Swedish pine forests. Trees - Structure and Function, 2018, 32, 855-869.	1.9	22
117	New Evidence of Thermally Constrained Plant Cell Wall Lignification. Trends in Plant Science, 2020, 25, 322-324.	8.8	22
118	Warming-induced tipping points of Arctic and alpine shrub recruitment. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	22
119	A tree-ring perspective on temporal changes in the frequency and intensity of hydroclimatic extremes in the territory of the Czech Republic since 761 AD. Climate of the Past, 2015, 11, 1453-1466.	3.4	21
120	No Age Trends in Oak Stable Isotopes. Paleoceanography and Paleoclimatology, 2020, 35, e2019PA003831.	2.9	21
121	Ecological and societal effects of Central Asian streamflow variation over the past eight centuries. Npj Climate and Atmospheric Science, 2022, 5, .	6.8	21
122	What is â€˜woodâ€™ â€“ An anatomical re-definition. Dendrochronologia, 2013, 31, 187-191.	2.2	20
123	Introducing wood anatomical and dendrochronological aspects of herbaceous plants: applications of the <scp>X</scp>ylem <scp>D</scp>atabase to vegetation science. Journal of Vegetation Science, 2014, 25, 967-977.	2.2	20
124	Breaking new ground at the interface of dendroecology and mycology. Trends in Plant Science, 2014, 19, 613-614.	8.8	20
125	Effects of host abundance on larch budmoth outbreaks in the <scp>E</scp>uropean <scp>A</scp>lps. Agricultural and Forest Entomology, 2017, 19, 376-387.	1.3	20
126	Mayâ€“July precipitation reconstruction from oak treeâ€rings for Bohemia (Czech Republic) since AD 1040. International Journal of Climatology, 2018, 38, 1910-1924.	3.5	20

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127	Summer Cooling Driven by Large Volcanic Eruptions over the Tibetan Plateau. Journal of Climate, 2018, 31, 9869-9879.	3.2	20
128	Re-thinking the boundaries of dendrochronology. Dendrochronologia, 2019, 53, 1-4.	2.2	20
129	Quality Dating: A Well-Defined Protocol Implemented at ETH for High-Precision 14C-Dates Tested on Late Glacial Wood. Radiocarbon, 2020, 62, 891-899.	1.8	20
130	Altitudinal upwards shifts in fungal fruiting in the Alps. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20192348.	2.6	20
131	Black truffle winter production depends on Mediterranean summer precipitation. Environmental Research Letters, 2019, 14, 074004.	5.2	19
132	Dendrochronological evidence for long-distance timber trading in the Roman Empire. PLoS ONE, 2019, 14, e0224077.	2.5	19
133	A global perspective on the climateâ€driven growth synchrony of neighbouring trees. Global Ecology and Biogeography, 2020, 29, 1114-1125.	5.8	19
134	Recent growth coherence in long-term oak (Quercus spp.) ring width chronologies in the Czech Republic. Climate Research, 2016, 70, 133-141.	1.1	19
135	A millennium-long â€˜Blue Ringâ€™ chronology from the Spanish Pyrenees reveals severe ephemeral summer cooling after volcanic eruptions. Environmental Research Letters, 2020, 15, 124016.	5.2	18
136	Mediterranean winter snowfall variability over the past millennium. International Journal of Climatology, 2019, 39, 384-394.	3.5	17
137	Tree rings reveal signs of Europeâ€™s sustainable forest management long before the first historical evidence. Scientific Reports, 2020, 10, 21832.	3.3	17
138	Tree-ring evidence for the historical absence of cyclic larch budmoth outbreaks in the Tatra Mountains. Trees - Structure and Function, 2015, 29, 809-814.	1.9	16
139	Exploring Growth Variability and Crown Vitality of Sessile Oak (Quercus Petraea) in the Czech Republic. Geochronometria, 2015, 42, .	0.8	16
140	Xylem Anatomical Trait Variability Provides Insight on the Climate-Growth Relationship of <i>Betula nana</i> in Western Greenland. Arctic, Antarctic, and Alpine Research, 2017, 49, 359-371.	1.1	16
141	Horn growth variation and hunting selection of the Alpine ibex. Journal of Animal Ecology, 2018, 87, 1069-1079.	2.8	16
142	Higher groundwater levels in western Europe characterize warm periods in the Common Era. Scientific Reports, 2020, 10, 16284.	3.3	15
143	Commentary to Wetter et al. (2014): Limited tree-ring evidence for a 1540 European â€˜Megadroughtâ€™. Climatic Change, 2015, 131, 183-190.	3.6	14
144	A millennium-long perspective on high-elevation pine recruitment in the Spanish central Pyrenees. Canadian Journal of Forest Research, 2018, 48, 1108-1113.	1.7	14

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145	Associations between climate and earlywood and latewood width in boreal and Mediterranean Scots pine forests. Trees - Structure and Function, 2021, 35, 155-169.	1.9	14
146	Reply to 'Limited Late Antique cooling'. Nature Geoscience, 2017, 10, 243-243.	12.9	13
147	Setting the tree-ring record straight. Climate Dynamics, 2020, 55, 3017-3024.	3.8	12
148	Phenological shifts compensate warming-induced drought stress in southern Siberian Scots pines. European Journal of Forest Research, 2021, 140, 1487-1498.	2.5	12
149	Subfossil trees suggest enhanced Mediterranean hydroclimate variability at the onset of the Younger Dryas. Scientific Reports, 2018, 8, 13980.	3.3	11
150	Preâ€instrumental summer precipitation variability in northwestern Greece from a highâ€elevation <i>Pinus heldreichii</i> network. International Journal of Climatology, 2021, 41, 2828-2839.	3.5	11
151	Reduced Temperature Sensitivity of Maximum Latewood Density Formation in High-Elevation Corsican Pines under Recent Warming. Atmosphere, 2021, 12, 804.	2.3	11
152	Long-term recruitment dynamics of arctic dwarf shrub communities in coastal east Greenland. Dendrochronologia, 2018, 50, 70-80.	2.2	10
153	Truffles on the move. Frontiers in Ecology and the Environment, 2019, 17, 200-202.	4.0	10
154	Differing pre-industrial cooling trends between tree rings and lower-resolution temperature proxies. Climate of the Past, 2020, 16, 729-742.	3.4	10
155	Individual reproductive success in Norway spruce natural populations depends on growth rate, age and sensitivity to temperature. Heredity, 2020, 124, 685-698.	2.6	10
156	Risk and reward: Explosive eruptions and obsidian lithic resource at Nabro volcano (Eritrea). Quaternary Science Reviews, 2019, 226, 105995.	3.0	9
157	Climateâ€"human interactions contributed to historical forest recruitment dynamics in Mediterranean subalpine ecosystems. Global Change Biology, 2020, 26, 4988-4997.	9.5	9
158	Intra-annual density fluctuations (IADFs) inPinus nigra(J. F. Arnold) at high-elevation in the central Apennines (Italy). Trees - Structure and Function, 2020, 34, 771-781.	1.9	9
159	Habitat and Harvesting Practices Influence Horn Growth of Male Ibex. Journal of Wildlife Management, 2020, 84, 651-665.	1.8	9
160	Global tree-ring response and inferred climate variation following the mid-thirteenth century Samalas eruption. Climate Dynamics, 2022, 59, 531-546.	3.8	9
161	Introducing anatomical techniques to subfossil wood. Dendrochronologia, 2018, 52, 146-151.	2.2	8
162	High-Resolution Temperature Variability Reconstructed from Black Pine Tree Ring Densities in Southern Spain. Atmosphere, 2020, 11, 748.	2.3	8

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163	The future of paleoclimate. Climate Research, 2021, 83, 57-59.	1.1	8
164	Recognising bias in Common Era temperature reconstructions. Dendrochronologia, 2022, 74, 125982.	2.2	8
165	Illuminating the mysterious world of truffles. Frontiers in Ecology and the Environment, 2012, 10, 462-463.	4.0	7
166	The dendroclimatic value of oak stable isotopes. Dendrochronologia, 2021, 65, 125804.	2.2	7
167	The temperature sensitivity along elevational gradients is more stable in maximum latewood density than tree-ring width. Dendrochronologia, 2022, 73, 125958.	2.2	7
168	Towards a dendrochronologically refined date of the Laacher See eruption around 13,000 years ago. Quaternary Science Reviews, 2020, 229, 106128.	3.0	6
169	Tree rings reveal dry conditions during Charlemagneâ€™s Fossa Carolina construction in 793 CE. Quaternary Science Reviews, 2020, 227, 106040.	3.0	6
170	The importance of â€œyear zeroâ€•in interdisciplinary studies of climate and history. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32845-32847.	7.1	6
171	Introducing Mushroom Fruiting Patterns from the Swiss National Poisons Information Centre. PLoS ONE, 2016, 11, e0162314.	2.5	6
172	OPINION PIECE Non-traditional data and innovative methods for autumn climate change ecology. Climate Research, 2018, 75, 215-220.	1.1	6
173	Scrutinizing treeâ€ring parameters for Holocene climate reconstructions. Wiley Interdisciplinary Reviews: Climate Change, 2022, 13, .	8.1	6
174	Investigation of age trends in tree-ring stable carbon and oxygen isotopes from northern Fennoscandia over the past millennium. Quaternary International, 2022, 631, 105-114.	1.5	6
175	Potential and limitation of combining terrestrial and marine growth records from Iceland. Global and Planetary Change, 2017, 155, 213-224.	3.5	5
176	Extending the climatological concept of â€˜Detection and Attributionâ€™ to global change ecology in the Anthropocene. Functional Ecology, 2020, 34, 2270-2282.	3.6	5
177	Climate-induced long-term changes in the phenology of Mediterranean fungi. Fungal Ecology, 2022, 60, 101166.	1.6	5
178	Stable body size of Alpine ungulates. Royal Society Open Science, 2020, 7, 200196.	2.4	4
179	Climate change affected the spatio-temporal occurrence of disasters in China over the past five centuries. Royal Society Open Science, 2021, 8, 200731.	2.4	4
180	Arctic aerosols and the â€˜Divergence Problemâ€™ in dendroclimatology. Dendrochronologia, 2021, 67, 125837.	2.2	4

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181	Risk and reward of the global truffle sector under predicted climate change. Environmental Research Letters, 2022, 17, 024001.	5.2	4
182	A tree ring-based hydroclimate reconstruction for eastern Europe reveals large-scale teleconnection patterns. Climate Dynamics, 0, , 1.	3.8	4
183	In praise of archives (and an open mind). Communications Earth & Environment, 2022, 3, .	6.8	4
184	Reply to â€˜Climate of doubt: a re-evaluation of BÃ¼ntgen and Di Cosmoâ€™s environmental hypothesis for the Mongol withdrawal from Hungary, 1242 CEâ€™. Scientific Reports, 2017, 7, 12696.	3.3	3
185	Increased El NiÃ±oâ€“Southern Oscillation sensitivity of tree growth on the southern Tibetan Plateau since the 1970s. International Journal of Climatology, 2019, 39, 3465-3475.	3.5	3
186	Climate and environmental context of the Mongol invasion of Syria and defeat at â€˜Ayn JÄlÅ«t (1258â€“1260) Tj ETQq0 0 0 rgBT /Over	0.8	3
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