Ulf BÃ¼ntgen

List of Publications by Year
in descending order

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198	16,489	25034	18130
papers	citations	57 h-index	120 g-index

201	201	201	13204
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Risk and reward of the global truffle sector under predicted climate change. Environmental Research Letters, 2022, 17, 024001.	5.2	4
2	Global tree-ring response and inferred climate variation following the mid-thirteenth century Samalas eruption. Climate Dynamics, 2022, 59, 531-546.	3.8	9
3	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
4	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
5	Scrutinizing treeâ€ring parameters for Holocene climate reconstructions. Wiley Interdisciplinary Reviews: Climate Change, 2022, 13, .	8.1	6
6	Ecological and societal effects of Central Asian streamflow variation over the past eight centuries. Npj Climate and Atmospheric Science, 2022, 5, .	6.8	21
7	In praise of archives (and an open mind). Communications Earth & Environment, 2022, 3, .	6.8	4
8	The temperature sensitivity along elevational gradients is more stable in maximum latewood density than tree-ring width. Dendrochronologia, 2022, 73, 125958.	2.2	7
9	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.	7.1	1
10	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
11	Climate-induced long-term changes in the phenology of Mediterranean fungi. Fungal Ecology, 2022, 60, 101166.	1.6	5
12	Recognising bias in Common Era temperature reconstructions. Dendrochronologia, 2022, 74, 125982.	2.2	8
13	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
14	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
15	Kauri Treeâ€Ring Stable Isotopes Reveal a Centennial Climate Downturn Following the Antarctic Cold Reversal in New Zealand. Geophysical Research Letters, 2021, 48, e2020GL090299.	4.0	1
16	Preâ€instrumental summer precipitation variability in northwestern Greece from a highâ€elevation Pinus heldreichii network. International Journal of Climatology, 2021, 41, 2828-2839.	3.5	11
17	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
18	The dendroclimatic value of oak stable isotopes. Dendrochronologia, 2021, 65, 125804.	2.2	7

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19	The future of paleoclimate. Climate Research, 2021, 83, 57-59.	1.1	8
20	Recent European drought extremes beyond Common Era background variability. Nature Geoscience, 2021, 14, 190-196.	12.9	183
21	Precise date for the Laacher See eruption synchronizes the Younger Dryas. Nature, 2021, 595, 66-69.	27.8	53
22	The influence of decision-making in tree ring-based climate reconstructions. Nature Communications, 2021, 12, 3411.	12.8	59
23	Arctic aerosols and the â€˜Divergence Problemâ€™ in dendroclimatology. Dendrochronologia, 2021, 67, 125837.	2.2	4
24	Climate and environmental context of the Mongol invasion of Syria and defeat at â€˜Ayn JÄ¦Å«t (1258â€“1260) Tj ETQq0 0 0 rgBT /Over	0.8	3
25	Reduced Temperature Sensitivity of Maximum Latewood Density Formation in High-Elevation Corsican Pines under Recent Warming. Atmosphere, 2021, 12, 804.	2.3	11
26	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
27	Eco-archaeological excavation techniques reveal snapshots of subterranean truffle growth. Fungal Biology, 2021, 125, 951-961.	2.5	3
28	Phenological shifts compensate warming-induced drought stress in southern Siberian Scots pines. European Journal of Forest Research, 2021, 140, 1487-1498.	2.5	12
29	Assessing non-linearity in European temperature-sensitive tree-ring data. Dendrochronologia, 2020, 59, 125652.	2.2	26
30	Towards a dendrochronologically refined date of the Laacher See eruption around 13,000 years ago. Quaternary Science Reviews, 2020, 229, 106128.	3.0	6
31	Tree rings reveal dry conditions during Charlemagneâ€™s Fossa Carolina construction in 793 CE. Quaternary Science Reviews, 2020, 227, 106040.	3.0	6
32	Eastern Mediterranean summer temperatures since 730 CE from Mt. Smolikas tree-ring densities. Climate Dynamics, 2020, 54, 1367-1382.	3.8	32
33	Prominent role of volcanism in Common Era climate variability and human history. Dendrochronologia, 2020, 64, 125757.	2.2	66
34	Higher groundwater levels in western Europe characterize warm periods in the Common Era. Scientific Reports, 2020, 10, 16284.	3.3	15
35	High-Resolution Temperature Variability Reconstructed from Black Pine Tree Ring Densities in Southern Spain. Atmosphere, 2020, 11, 748.	2.3	8
36	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

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37	Ecological and conceptual consequences of Arctic pollution. Ecology Letters, 2020, 23, 1827-1837.	6.4	31
38	Setting the tree-ring record straight. Climate Dynamics, 2020, 55, 3017-3024.	3.8	12
39	Radiocarbon offsets and old world chronology as relevant to Mesopotamia, Egypt, Anatolia and Thera (Santorini). Scientific Reports, 2020, 10, 13785.	3.3	23
40	The IntCal20 Northern Hemisphere Radiocarbon Age Calibration Curve (0â€“55 cal kBP). Radiocarbon, 2020, 62, 725-757.	1.8	3,502
41	Tree rings reveal signs of Europeâ€™s sustainable forest management long before the first historical evidence. Scientific Reports, 2020, 10, 21832.	3.3	17
42	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
43	Stable body size of Alpine ungulates. Royal Society Open Science, 2020, 7, 200196.	2.4	4
44	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
45	Climateâ€“human interactions contributed to historical forest recruitment dynamics in Mediterranean subalpine ecosystems. Global Change Biology, 2020, 26, 4988-4997.	9.5	9
46	Functional Relationships of Wood Anatomical Traits in Norway Spruce. Frontiers in Plant Science, 2020, 11, 683.	3.6	26
47	Differing pre-industrial cooling trends between tree rings and lower-resolution temperature proxies. Climate of the Past, 2020, 16, 729-742.	3.4	10
48	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
49	No Age Trends in Oak Stable Isotopes. Paleoceanography and Paleoclimatology, 2020, 35, e2019PA003831.	2.9	21
50	A global perspective on the climateâ€driven growth synchrony of neighbouring trees. Global Ecology and Biogeography, 2020, 29, 1114-1125.	5.8	19
51	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
52	Habitat and Harvesting Practices Influence Horn Growth of Male Ibex. Journal of Wildlife Management, 2020, 84, 651-665.	1.8	9
53	New Evidence of Thermally Constrained Plant Cell Wall Lignification. Trends in Plant Science, 2020, 25, 322-324.	8.8	22
54	Long-term ecological consequences of forest fires in the continuous permafrost zone of Siberia. Environmental Research Letters, 2020, 15, 034061.	5.2	58

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55	Altitudinal upwards shifts in fungal fruiting in the Alps. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20192348.	2.6	20
56	Return of the moth: rethinking the effect of climate on insect outbreaks. Oecologia, 2020, 192, 543-552.	2.0	32
57	Ranking of tree-ring based hydroclimate reconstructions of the past millennium. Quaternary Science Reviews, 2020, 230, 106074.	3.0	50
58	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
59	Mediterranean winter snowfall variability over the past millennium. International Journal of Climatology, 2019, 39, 384-394.	3.5	17
60	European warm-season temperature and hydroclimate since 850 CE. Environmental Research Letters, 2019, 14, 084015.	5.2	52
61	European mushroom assemblages are darker in cold climates. Nature Communications, 2019, 10, 2890.	12.8	34
62	No radioactive contamination from the Chernobyl disaster in Hungarian white truffles (Tuber) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	7.5	2
63	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
64	Black truffle winter production depends on Mediterranean summer precipitation. Environmental Research Letters, 2019, 14, 074004.	5.2	19
65	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
66	Risk and reward: Explosive eruptions and obsidian lithic resource at Nabro volcano (Eritrea). Quaternary Science Reviews, 2019, 226, 105995.	3.0	9
67	Scientific Merits and Analytical Challenges of Treeâ€Ring Densitometry. Reviews of Geophysics, 2019, 57, 1224-1264.	23.0	98
68	Addressing the relocation bias in a long temperature record by means of land cover assessment. Theoretical and Applied Climatology, 2019, 137, 2853-2863.	2.8	0
69	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
70	Limited capacity of tree growth to mitigate the global greenhouse effect under predicted warming. Nature Communications, 2019, 10, 2171.	12.8	92
71	Truffles on the move. Frontiers in Ecology and the Environment, 2019, 17, 200-202.	4.0	10
72	Openâ€source data reveal how collectionsâ€based fungal diversity is sensitive to global change. Applications in Plant Sciences, 2019, 7, e01227.	2.1	28

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73	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
74	Different effects of alpine woody plant expansion on domestic and wild ungulates. Global Change Biology, 2019, 25, 1808-1819.	9.5	28
75	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
76	Dendrochronological evidence for long-distance timber trading in the Roman Empire. PLoS ONE, 2019, 14, e0224077.	2.5	19
77	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
78	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
79	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
80	Re-thinking the boundaries of dendrochronology. Dendrochronologia, 2019, 53, 1-4.	2.2	20
81	Dendrochronological evidence for long-distance timber trading in the Roman Empire. , 2019, 14, e0224077.		0
82	Dendrochronological evidence for long-distance timber trading in the Roman Empire. , 2019, 14, e0224077.		0
83	Dendrochronological evidence for long-distance timber trading in the Roman Empire. , 2019, 14, e0224077.		0
84	Dendrochronological evidence for long-distance timber trading in the Roman Empire. , 2019, 14, e0224077.		0
85	Site-specific climatic signals in stable isotope records from Swedish pine forests. Trees - Structure and Function, 2018, 32, 855-869.	1.9	22
86	Horn growth variation and hunting selection of the Alpine ibex. Journal of Animal Ecology, 2018, 87, 1069-1079.	2.8	16
87	Linking dendroecology and association genetics in natural populations: Stress responses archived in tree rings associate with <scp>SNP</scp> genotypes in silver fir (Abies alba Mill.). Molecular Ecology, 2018, 27, 1428-1438.	3.9	56
88	The value of national dendro meetings. Dendrochronologia, 2018, 48, 30-31.	2.2	1
89	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
90	The EldgjÃ¡ eruption: timing, long-range impacts and influence on the Christianisation of Iceland. Climatic Change, 2018, 147, 369-381.	3.6	45

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91	An empirical perspective for understanding climate change impacts in Switzerland. Regional Environmental Change, 2018, 18, 205-221.	2.9	23
92	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
93	Warmingâ€induced upward migration of the alpine treeline in the Changbai Mountains, northeast China. Global Change Biology, 2018, 24, 1256-1266.	9.5	81
94	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
95	Introducing anatomical techniques to subfossil wood. Dendrochronologia, 2018, 52, 146-151.	2.2	8
96	Summer Cooling Driven by Large Volcanic Eruptions over the Tibetan Plateau. Journal of Climate, 2018, 31, 9869-9879.	3.2	20
97	Tree rings reveal globally coherent signature of cosmogenic radiocarbon events in 774 and 993 CE. Nature Communications, 2018, 9, 3605.	12.8	98
98	Subfossil trees suggest enhanced Mediterranean hydroclimate variability at the onset of the Younger Dryas. Scientific Reports, 2018, 8, 13980.	3.3	11
99	Long-term recruitment dynamics of arctic dwarf shrub communities in coastal east Greenland. Dendrochronologia, 2018, 50, 70-80.	2.2	10
100	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
101	Linking European building activity with plague history. Journal of Archaeological Science, 2018, 98, 81-92.	2.4	33
102	Large-scale, millennial-length temperature reconstructions from tree-rings. Dendrochronologia, 2018, 50, 81-90.	2.2	83
103	Continentalâ€scale macrofungal assemblage patterns correlate with climate, soil carbon and nitrogen deposition. Journal of Biogeography, 2018, 45, 1942-1953.	3.0	35
104	OPINION PIECE Non-traditional data and innovative methods for autumn climate change ecology. Climate Research, 2018, 75, 215-220.	1.1	6
105	Weakening of annual temperature cycle over the Tibetan Plateau since the 1870s. Nature Communications, 2017, 8, 14008.	12.8	58
106	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
107	Last millennium Northern Hemisphere summer temperatures from tree rings: Part II, spatially resolved reconstructions. Quaternary Science Reviews, 2017, 163, 1-22.	3.0	165
108	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

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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	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
111	Reply to 'Limited Late Antique cooling'. Nature Geoscience, 2017, 10, 243-243.	12.9	13
112	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
113	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
114	Temperature Covariance in Tree Ring Reconstructions and Model Simulations Over the Past Millennium. Geophysical Research Letters, 2017, 44, 9458-9469.	4.0	25
115	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
116	Potential and limitation of combining terrestrial and marine growth records from Iceland. Global and Planetary Change, 2017, 155, 213-224.	3.5	5
117	Xylem Anatomical Trait Variability Provides Insight on the Climate-Growth Relationship of Betula nana in Western Greenland. Arctic, Antarctic, and Alpine Research, 2017, 49, 359-371.	1.1	16
118	Socioâ€economic, scientific, and political benefits of mycotourism. Ecosphere, 2017, 8, e01870.	2.2	39
119	Interplay of environmental and socio-political factors in the downfall of the Eastern TÃ¼rk Empire in 630ÂCE. Climatic Change, 2017, 145, 383-395.	3.6	24
120	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
121	New Insights into the Complex Relationship between Weight and Maturity of Burgundy Truffles (Tuber) Tj ETQq1 1 0.784314 rgBT /O	2.5	27
122	Climatic and environmental aspects of the Mongol withdrawal from Hungary in 1242 CE. Scientific Reports, 2016, 6, 25606.	3.3	63
123	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
124	On the palaeoclimatic potential of a millennium-long oak ring width chronology from Slovakia. Dendrochronologia, 2016, 40, 93-101.	2.2	28
125	Diverse growth trends and climate responses across Eurasiaâ€™s boreal forest. Environmental Research Letters, 2016, 11, 074021.	5.2	75
126	Ranking of tree-ring based temperature reconstructions of the past millennium. Quaternary Science Reviews, 2016, 145, 134-151.	3.0	91

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127	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
128	European summer temperatures since Roman times. Environmental Research Letters, 2016, 11, 024001.	5.2	260
129	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
130	Introducing Mushroom Fruiting Patterns from the Swiss National Poisons Information Centre. PLoS ONE, 2016, 11, e0162314.	2.5	6
131	Documentary and instrumental-based drought indices for the Czech Lands back to AD 1501. Climate Research, 2016, 70, 103-117.	1.1	38
132	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
133	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
134	Temperatureâ€induced recruitment pulses of Arctic dwarf shrub communities. Journal of Ecology, 2015, 103, 489-501.	4.0	90
135	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
136	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
137	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
138	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
139	Signals and memory in tree-ring width and density data. Dendrochronologia, 2015, 35, 62-70.	2.2	112
140	Timing and climate forcing of volcanic eruptions for the past 2,500 years. Nature, 2015, 523, 543-549.	27.8	824
141	Drought-induced changes in the phenology, productivity and diversity of Spanish fungi. Fungal Ecology, 2015, 16, 6-18.	1.6	40
142	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
143	Tree-Ring Amplification of the Early Nineteenth-Century Summer Cooling in Central Europea. Journal of Climate, 2015, 28, 5272-5288.	3.2	33
144	Exploring Growth Variability and Crown Vitality of Sessile Oak (Quercus Petraea) in the Czech Republic. Geochronometria, 2015, 42, .	0.8	16

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145	Long-term summer temperature variations in the Pyrenees from detrended stable carbon isotopes. Geochronometria, 2015, 42, .	0.8	35
146	Old World megadroughts and pluvials during the Common Era. Science Advances, 2015, 1, e1500561.	10.3	403
147	European springtime temperature synchronises ibex horn growth across the eastern Swiss Alps. Ecology Letters, 2014, 17, 303-313.	6.4	36
148	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
149	Spatial diversity of recent trends in Mediterranean tree growth. Environmental Research Letters, 2014, 9, 084001.	5.2	32
150	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
151	Breaking new ground at the interface of dendroecology and mycology. Trends in Plant Science, 2014, 19, 613-614.	8.8	20
152	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
153	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
154	Tracing the origin of Arctic driftwood. Journal of Geophysical Research G: Biogeosciences, 2013, 118, 68-76.	3.0	37
155	European summer temperature response to annually dated volcanic eruptions over the past nine centuries. Bulletin of Volcanology, 2013, 75, 1.	3.0	92
156	What is â€˜woodâ€™ â€“ An anatomical re-definition. Dendrochronologia, 2013, 31, 187-191.	2.2	20
157	Unraveling environmental drivers of a recent increase in Swiss fungi fruiting. Global Change Biology, 2013, 19, 2785-2794.	9.5	39
158	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
159	Testing the hypothesis of post-volcanic missing rings in temperature sensitive dendrochronological data. Dendrochronologia, 2013, 31, 216-222.	2.2	44
160	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
161	Is there memory in precipitation?. Nature Climate Change, 2013, 3, 174-175.	18.8	70
162	Orbital forcing of tree-ring data. Nature Climate Change, 2012, 2, 862-866.	18.8	232

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163	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
164	Tree rings and volcanic cooling. Nature Geoscience, 2012, 5, 836-837.	12.9	137
165	Linking climate variability to mushroom productivity and phenology. Frontiers in Ecology and the Environment, 2012, 10, 14-19.	4.0	84
166	Illuminating the mysterious world of truffles. Frontiers in Ecology and the Environment, 2012, 10, 462-463.	4.0	7
167	Early Neolithic Water Wells Reveal the World's Oldest Wood Architecture. PLoS ONE, 2012, 7, e51374.	2.5	86
168	2500 Years of European Climate Variability and Human Susceptibility. Science, 2011, 331, 578-582.	12.6	1,154
169	Combined dendro-documentary evidence of Central European hydroclimatic springtime extremes over the last millennium. Quaternary Science Reviews, 2011, 30, 3947-3959.	3.0	46
170	Truffles and climate change. Frontiers in Ecology and the Environment, 2011, 9, 150-151.	4.0	35
171	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
172	Causes and Consequences of Past and Projected Scandinavian Summer Temperatures, 500â€“2100 AD. PLoS ONE, 2011, 6, e25133.	2.5	39
173	Three centuries of Slovakian drought dynamics. Climate Dynamics, 2010, 35, 315-329.	3.8	51
174	Inner Alpine conifer response to 20th century drought swings. European Journal of Forest Research, 2010, 129, 289-298.	2.5	40
175	Diverse climate sensitivity of Mediterranean tree-ring width and density. Trees - Structure and Function, 2010, 24, 261-273.	1.9	95
176	Environmental change without climate change?. New Phytologist, 2010, 188, 646-651.	7.3	26
177	Ensemble reconstruction constraints on the global carbon cycle sensitivity to climate. Nature, 2010, 463, 527-530.	27.8	256
178	Timing and duration of European larch growing season along altitudinal gradients in the Swiss Alps. Tree Physiology, 2010, 30, 225-233.	3.1	233
179	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
180	Lowâ€frequency noise in Î´¹³C and Î´¹⁸O tree ring data: A case study of Pinus uncinata in the Spanish Pyrenees. Global Biogeochemical Cycles, 2010, 24, .	4.9	91

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181	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
182	Tree-ring indicators of German summer drought over the last millennium. Quaternary Science Reviews, 2010, 29, 1005-1016.	3.0	103
183	Updating historical tree-ring records for climate reconstruction. Quaternary Science Reviews, 2010, 29, 1957-1959.	3.0	75
184	Summer temperature dependency of larch budmoth outbreaks revealed by Alpine tree-ring isotope chronologies. Oecologia, 2009, 160, 353-365.	2.0	52
185	Species-specific climate sensitivity of tree growth in Central-West Germany. Trees - Structure and Function, 2009, 23, 729-739.	1.9	125
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