J Julio Camarero

List of Publications by Year in descending order

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432	21,835	9786	16183
papers	citations	73 h-index	124 g-index

436	436	436	14873
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Different xylogenesis responses to atmospheric water demand contribute to species coexistence in a mixed pineâ€“oak forest. Journal of Forestry Research, 2023, 34, 51-62.	3.6	4
2	Disentangling the Legacies of Climate and Management on Tree Growth. Ecosystems, 2022, 25, 215-235.	3.4	7
3	Moisture mediates temperature-growth couplings of high-elevation shrubs in the Tibetan plateau. Trees - Structure and Function, 2022, 36, 273-281.	1.9	10
4	Will silver fir be under higher risk due to drought? A comment on Walder et al. (2021). Forest Ecology and Management, 2022, 503, 119826.	3.2	5
5	Reply to the letter to editor regarding Camarero et al. (2021): Overgrazing and pollarding threaten Atlas cedar conservation under forecasted aridification regardless stakeholdersâ€™ nature. Forest Ecology and Management, 2022, 503, 119779.	3.2	0
6	Changes in tree growth synchrony and resilience in Siberian Pinus sylvestris forests are modulated by fire dynamics and ecohydrological conditions. Agricultural and Forest Meteorology, 2022, 312, 108712.	4.8	6
7	Drought stress and pests increase defoliation and mortality rates in vulnerable Abies pinsapo forests. Forest Ecology and Management, 2022, 504, 119824.	3.2	13
8	Compound climate events increase tree drought mortality across European forests. Science of the Total Environment, 2022, 816, 151604.	8.0	69
9	Applying climwin to dendrochronology: A breakthrough in the analyses of tree responses to environmental variability. Dendrochronologia, 2022, 71, 125916.	2.2	5
10	Tree mortality caused by Diplodia shoot blight on Pinus sylvestris and other mediterranean pines. Forest Ecology and Management, 2022, 505, 119935.	3.2	6
11	Sensitivity of forestâ€“snow interactions to climate forcing: Local variability in a Pyrenean valley. Journal of Hydrology, 2022, 605, 127311.	5.4	7
12	Long-term effects of forest management on post-drought growth resilience: An analytical framework. Science of the Total Environment, 2022, 810, 152374.	8.0	16
13	Altered climate memory characterizes tree growth during forest dieback. Agricultural and Forest Meteorology, 2022, 314, 108787.	4.8	6
14	Declines in canopy greenness and tree growth are caused by combined climate extremes during drought-induced dieback. Science of the Total Environment, 2022, 813, 152666.	8.0	17
15	Upward Treeline Shifts in Two Regions of Subarctic Russia Are Governed by Summer Thermal and Winter Snow Conditions. Forests, 2022, 13, 174.	2.1	5
16	Intraspecific trait variation, growth, and altered soil conditions at tree species distribution limits: From the alpine treeline to the rear edge. Agricultural and Forest Meteorology, 2022, 315, 108811.	4.8	4
17	Pine processionary moth outbreaks cause longer growth legacies than drought and are linked to the North Atlantic Oscillation. Science of the Total Environment, 2022, 819, 153041.	8.0	12
18	Wood density and hydraulic traits influence speciesâ€™ growth response to drought across biomes. Global Change Biology, 2022, 28, 3871-3882.	9.5	34

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19	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
20	An earlier start of the thermal growing season enhances tree growth in cold humid areas but not in dry areas. Nature Ecology and Evolution, 2022, 6, 397-404.	7.8	78
21	The role of nutritional impairment in carbonâ€water balance of silver fir droughtâ€induced dieback. Global Change Biology, 2022, 28, 4439-4458.	9.5	13
22	Long-Term Carbon Sequestration in Pine Forests under Different Silvicultural and Climatic Regimes in Spain. Forests, 2022, 13, 450.	2.1	4
23	Tropical tree growth driven by dry-season climate variability. Nature Geoscience, 2022, 15, 269-276.	12.9	38
24	Tree growth response to drought partially explains regionalâ€scale growth and mortality patterns in Iberian forests. Ecological Applications, 2022, 32, e2589.	3.8	13
25	Sex and tree rings: Females neither grow less nor are less water-use efficient than males in four dioecious tree species. Dendrochronologia, 2022, 73, 125944.	2.2	1
26	Jet stream position explains regional anomalies in European beech forest productivity and tree growth. Nature Communications, 2022, 13, 2015.	12.8	8
27	Globally, tree fecundity exceeds productivity gradients. Ecology Letters, 2022, 25, 1471-1482.	6.4	11
28	Limits to reproduction and seed size-number trade-offs that shape forest dominance and future recovery. Nature Communications, 2022, 13, 2381.	12.8	21
29	Growth history of pollarded black poplars in a continental Mediterranean region: A paradigm of vanishing landscapes. Forest Ecology and Management, 2022, 517, 120268.	3.2	7
30	Threshold Responses of Canopy Cover and Tree Growth to Drought and Siberian silk Moth Outbreak in Southern Taiga Picea obovata Forests. Forests, 2022, 13, 768.	2.1	1
31	Interaction of droughtâ€and pathogenâ€induced mortality in Norway spruce and Scots pine. Plant, Cell and Environment, 2022, 45, 2292-2305.	5.7	7
32	Heterogeneous Responses of Alpine Treelines to Climate Warming across the Tibetan Plateau. Forests, 2022, 13, 788.	2.1	7
33	Wood Anatomical Traits Respond to Climate but More Individualistically as Compared to Radial Growth: Analyze Trees, Not Means. Forests, 2022, 13, 956.	2.1	1
34	Timing and Order of Extreme Drought and Wetness Determine Bioclimatic Sensitivity of Tree Growth. Earth's Future, 2022, 10, .	6.3	7
35	Climate change and forest health: Detecting dieback hotspots. , 2022, , 99-106.		0
36	Species richness is a strong driver of forest biomass along broad bioclimatic gradients in the Himalayas. Ecosphere, 2022, 13, .	2.2	8

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37	Tree growth in the aftermath of A flood: A tree-ring based reconstruction of the impacts of the 1996-Biescas catastrophe. Dendrochronologia, 2021, 65, 125783.	2.2	7
38	Drought, axe and goats. More variable and synchronized growth forecasts worsening dieback in Moroccan Atlas cedar forests. Science of the Total Environment, 2021, 765, 142752.	8.0	15
39	Silver fir growth responses to drought depend on interactions between tree characteristics, soil and neighbourhood features. Forest Ecology and Management, 2021, 480, 118625.	3.2	6
40	Snow dynamics influence tree growth by controlling soil temperature in mountain pine forests. Agricultural and Forest Meteorology, 2021, 296, 108205.	4.8	22
41	Mature forests hold maximum live biomass stocks. Forest Ecology and Management, 2021, 480, 118635.	3.2	20
42	Differential response of oak and beech to late frost damage: an integrated analysis from organ to forest. Agricultural and Forest Meteorology, 2021, 297, 108243.	4.8	17
43	A global framework for linking alpineâ€treeline ecotone patterns to underlying processes. Ecography, 2021, 44, 265-292.	4.5	52
44	Mountain treelines climb slowly despite rapid climate warming. Global Ecology and Biogeography, 2021, 30, 305-315.	5.8	62
45	Weather as main driver for masting and stem growth variation in stone pine supports compatible timber and nut co-production. Agricultural and Forest Meteorology, 2021, 298-299, 108287.	4.8	7
46	Within- versus between-species size effects on drought-induced dieback and mortality. Tree Physiology, 2021, 41, 679-682.	3.1	7
47	High resilience, but low viability, of pine plantations in the face of a shift towards a drier climate. Forest Ecology and Management, 2021, 479, 118537.	3.2	14
48	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
49	Demystifying the age of old olive trees. Dendrochronologia, 2021, 65, 125802.	2.2	12
50	Xylogenesis is uncoupled from forest productivity. Trees - Structure and Function, 2021, 35, 1123-1134.	1.9	11
51	Global fading of the temperatureâ€“growth coupling at alpine and polar treelines. Global Change Biology, 2021, 27, 1879-1889.	9.5	46
52	An unusually high shrubline on the Tibetan Plateau. Ecology, 2021, 102, e03310.	3.2	17
53	Evaluating tree-to-tree competition during stand development in a relict Scots pine forest: how much does climate matter?. Trees - Structure and Function, 2021, 35, 1207-1219.	1.9	18
54	Climate Differently Impacts the Growth of Coexisting Trees and Shrubs under Semi-Arid Mediterranean Conditions. Forests, 2021, 12, 381.	2.1	14

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55	Tree growth is more limited by drought in rear-edge forests most of the times. Forest Ecosystems, 2021, 8, .	3.1	33
56	Disentangling biology from mathematical necessity in twentieth-century gymnosperm resilience trends. Nature Ecology and Evolution, 2021, 5, 733-735.	7.8	10
57	Drought and cold spells trigger dieback of temperate oak and beech forests in northern Spain. Dendrochronologia, 2021, 66, 125812.	2.2	20
58	El NiÃ±o-Southern Oscillation modulates insect outbreaks in humid subtropical China: Evidences from tree rings and carbon isotopes. Dendrochronologia, 2021, 66, 125815.	2.2	4
59	Threshold responses of juniper tree growth and regeneration to climate warming and drought stress at alpine treeline. Trees - Structure and Function, 2021, 35, 1081-1083.	1.9	2
60	Long term forest management drives drought resilience in Mediterranean black pine forest. Trees - Structure and Function, 2021, 35, 1651-1662.	1.9	13
61	The complex multi-sectoral impacts of drought: Evidence from a mountainous basin in the Central Spanish Pyrenees. Science of the Total Environment, 2021, 769, 144702.	8.0	15
62	Impact of successive spring frosts on leaf phenology and radial growth in three deciduous tree species with contrasting climate requirements in central Spain. Tree Physiology, 2021, 41, 2279-2292.	3.1	13
63	Historical Fires Induced Deforestation in Relict Scots Pine Forests during the Late 19th Century. Fire, 2021, 4, 29.	2.8	1
64	Tree growth and treeline responses to temperature: Different questions and concepts. Global Change Biology, 2021, 27, e13-e14.	9.5	2
65	Run to the hills: Forest growth responsiveness to drought increased at higher elevation during the late 20th century. Science of the Total Environment, 2021, 772, 145286.	8.0	18
66	Climate, drought and hydrology drive narrow-leaved ash growth dynamics in southern European riparian forests. Forest Ecology and Management, 2021, 490, 119128.	3.2	16
67	Effects of Windthrows on Forest Cover, Tree Growth and Soil Characteristics in Drought-Prone Pine Plantations. Forests, 2021, 12, 817.	2.1	7
68	Adjusting xylem anatomy and growth to inter-annual climate variability in two Fabaceae species (Centrolobium microchaete, Cenostigma pluviosum) from Bolivian dry tropical forests. Dendrochronologia, 2021, 67, 125840.	2.2	3
69	Increased Post-Drought Growth after Thinning in Pinus nigra Plantations. Forests, 2021, 12, 985.	2.1	8
70	Inter and intra-annual links between climate, tree growth and NDVI: improving the resolution of drought proxies in conifer forests. International Journal of Biometeorology, 2021, 65, 2111-2121.	3.0	12
71	The intraspecific variation of functional traits modulates drought resilience of European beech and pubescent oak. Journal of Ecology, 2021, 109, 3652-3669.	4.0	27
72	Is there tree senescence? The fecundity evidence. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	42

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73	Climate sensitivity and drought seasonality determine post-drought growth recovery of Quercus petraea and Quercus robur in Europe. Science of the Total Environment, 2021, 784, 147222.	8.0	61
74	Growing faster, longer or both? Modelling plastic response of Juniperus communis growth phenology to climate change. Global Ecology and Biogeography, 2021, 30, 2229-2244.	5.8	19
75	Chronically Low Nutrient Concentrations in Tree Rings Are Linked to Greater Tree Vulnerability to Drought in Nothofagus dombeyi. Forests, 2021, 12, 1180.	2.1	6
76	Modeling Climate Impacts on Tree Growth to Assess Tree Vulnerability to Drought During Forest Dieback. Frontiers in Plant Science, 2021, 12, 672855.	3.6	12
77	Reproductive phenology determines the linkages between radial growth, fruit production and climate in four Mediterranean tree species. Agricultural and Forest Meteorology, 2021, 307, 108493.	4.8	10
78	Retrospective analysis of wood anatomical traits and treeâ€ring isotopes suggests siteâ€specific mechanisms triggering Araucaria araucana droughtâ€induced dieback. Global Change Biology, 2021, 27, 6394-6408.	9.5	28
79	Wood anatomy and tree growth covary in riparian ash forests along climatic and ecological gradients. Dendrochronologia, 2021, 70, 125891.	2.2	10
80	Warmingâ€induced shrubline advance stalled by moisture limitation on the Tibetan Plateau. Ecography, 2021, 44, 1631-1641.	4.5	32
81	The droughtâ€'diebackâ€'death conundrum in trees and forests. Plant Ecology and Diversity, 2021, 14, 1-12.	2.4	17
82	Are global forests performing in sync? The need to account for spatiotemporal biases in treeâ€ring records. Journal of Biogeography, 2021, 48, 2961-2965.	3.0	1
83	Dwarf Mistletoe and Drought Contribute to Growth Decline, Dieback and Mortality of Junipers. Forests, 2021, 12, 1199.	2.1	3
84	No benefits from warming even for subnival vegetation in the central Himalayas. Science Bulletin, 2021, 66, 1825-1829.	9.0	20
85	Climate windows of intra-annual growth and post-drought recovery in Mediterranean trees. Agricultural and Forest Meteorology, 2021, 308-309, 108606.	4.8	5
86	Differences in temperature sensitivity and drought recovery between natural stands and plantations of conifers are species-specific. Science of the Total Environment, 2021, 796, 148930.	8.0	19
87	Tree-ring density and carbon isotope composition are early-warning signals of drought-induced mortality in the drought tolerant Canary Island pine. Agricultural and Forest Meteorology, 2021, 310, 108634.	4.8	19
88	Mediterranean old-growth forests exhibit resistance to climate warming. Science of the Total Environment, 2021, 801, 149684.	8.0	21
89	Impacts of recurrent dry and wet years alter longâ€term tree growth trajectories. Journal of Ecology, 2021, 109, 1561-1574.	4.0	22
90	Minimum and maximum wood density as proxies of water availability in two Mexican pine species coexisting in a seasonally dry area. Trees - Structure and Function, 2021, 35, 597-607.	1.9	13

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91	Effects of Global Change on Tree Growth and Vigor of Mediterranean Pines. Managing Forest Ecosystems, 2021, , 237-249.	0.9	3
92	Intra-annual growth dynamics of Mediterranean pines and junipers determines their climatic adaptability. Agricultural and Forest Meteorology, 2021, 311, 108685.	4.8	23
93	Forest structure drives the expected growth of Pinus nigra along its latitudinal gradient under warming climate. Forest Ecology and Management, 2021, 505, 119818.	3.2	5
94	The International Soil Moisture Network: serving Earth system science for over a decade. Hydrology and Earth System Sciences, 2021, 25, 5749-5804.	4.9	116
95	SilvAdapt.Net: A Site-Based Network of Adaptive Forest Management Related to Climate Change in Spain. Forests, 2021, 12, 1807.	2.1	4
96	Shifting Precipitation Patterns Drive Growth Variability and Drought Resilience of European Atlas Cedar Plantations. Forests, 2021, 12, 1751.	2.1	1
97	Drought Drives Growth and Mortality Rates in Three Pine Species under Mediterranean Conditions. Forests, 2021, 12, 1700.	2.1	12
98	Growth, wood anatomy and stable isotopes show species-specific couplings in three Mexican conifers inhabiting drought-prone areas. Science of the Total Environment, 2020, 698, 134055.	8.0	25
99	Linking tree-ring growth and satellite-derived gross primary growth in multiple forest biomes. Temporal-scale matters. Ecological Indicators, 2020, 108, 105753.	6.3	33
100	Historical changes in the stomatal limitation of photosynthesis: empirical support for an optimality principle. New Phytologist, 2020, 225, 2484-2497.	7.3	39
101	Standardized metrics are key for assessing drought severity. Global Change Biology, 2020, 26, e1-e3.	9.5	41
102	Negative growth responses to temperature of sympatric species converge under warming conditions on the southeastern Tibetan Plateau. Trees - Structure and Function, 2020, 34, 395-404.	1.9	11
103	The impact of drought spells on forests depends on site conditions: The case of 2017 summer heat wave in southern Europe. Global Change Biology, 2020, 26, 851-863.	9.5	83
104	Competition modulates the response of growth to climate in pure and mixed Abies pinsapo subsp. Maroccana forests in northern Morocco. Forest Ecology and Management, 2020, 459, 117847.	3.2	32
105	Available and missing data to model impact of climate change on European forests. Ecological Modelling, 2020, 416, 108870.	2.5	58
106	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	9.5	1,038
107	Climate seasonality and tree growth strategies in a tropical dry forest. Journal of Vegetation Science, 2020, 31, 266-280.	2.2	13
108	Linkages between Climate, Radial Growth and Defoliation in Abies pinsapo Forests from Southern Spain. Forests, 2020, 11, 1002.	2.1	7

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109	Competition overrides climate as trigger of growth decline in a mixed Fagaceae Mediterranean rear-edge forest. Annals of Forest Science, 2020, 77, 1.	2.0	11
110	Tree Species Are Differently Impacted by Cumulative Drought Stress and Present Higher Growth Synchrony in Dry Places. Frontiers in Forests and Global Change, 2020, 3, .	2.3	18
111	Relating Climate, Drought and Radial Growth in Broadleaf Mediterranean Tree and Shrub Species: A New Approach to Quantify Climate-Growth Relationships. Forests, 2020, 11, 1250.	2.1	8
112	Don't lose sight of the forest for the trees! Discerning Iberian pine communities by means of pollenâ€vegetation relationships. Review of Palaeobotany and Palynology, 2020, 281, 104285.	1.5	9
113	Tree ring and water deficit indices as indicators of drought impact on black truffle production in Spain. Forest Ecology and Management, 2020, 475, 118438.	3.2	8
114	Biogeographic, Atmospheric, and Climatic Factors Influencing Tree Growth in Mediterranean Aleppo Pine Forests. Forests, 2020, 11, 736.	2.1	12
115	Shifts in Growth Responses to Climate and Exceeded Drought-Vulnerability Thresholds Characterize Dieback in Two Mediterranean Deciduous Oaks. Forests, 2020, 11, 714.	2.1	9
116	Scots pine plantations growth adaptation to climate warming in locations at the southernmost distribution limit of the species. Dendrochronologia, 2020, 63, 125745.	2.2	6
117	Photoperiod and temperature as dominant environmental drivers triggering secondary growth resumption in Northern Hemisphere conifers. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20645-20652.	7.1	113
118	Forest and woodland replacement patterns following drought-related mortality. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29720-29729.	7.1	99
119	Insect defoliation is linked to a decrease in soil ectomycorrhizal biomass and shifts in needle endophytic communities. Tree Physiology, 2020, 40, 1712-1725.	3.1	13
120	Disentangling Mechanisms of Drought-Induced Dieback in Pinus nigra Arn. from Growth and Wood Isotope Patterns. Forests, 2020, 11, 1339.	2.1	11
121	Links between climate, drought and minimum wood density in conifers. IAWA Journal, 2020, 41, 236-255.	2.7	9
122	Forecasting Forest Vulnerability to Drought in Pyrenean Silver Fir Forests Showing Dieback. Frontiers in Forests and Global Change, 2020, 3, .	2.3	20
123	Growth and resilience responses of Scots pine to extreme droughts across Europe depend on predrought growth conditions. Global Change Biology, 2020, 26, 4521-4537.	9.5	105
124	Early growing-season precipitation drives radial growth of alpine juniper shrubs in the central Himalayas. Geografiska Annaler, Series A: Physical Geography, 2020, 102, 317-330.	1.5	8
125	Dieback and mortality of junipers caused by drought: Dissimilar growth and wood isotope patterns preceding shrub death. Agricultural and Forest Meteorology, 2020, 291, 108078.	4.8	14
126	Climateâ€“human interactions contributed to historical forest recruitment dynamics in Mediterranean subalpine ecosystems. Global Change Biology, 2020, 26, 4988-4997.	9.5	9

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127	Tree growth responses and resilience after the 1950-Zayu-Medog earthquake, southeast Tibetan Plateau. Dendrochronologia, 2020, 62, 125724.	2.2	11
128	Remaking a stand: Links between genetic diversity and tree growth in expanding Mountain pine populations. Forest Ecology and Management, 2020, 472, 118244.	3.2	11
129	Droughts. , 2020, , 219-255.		2
130	Xylem anatomy needs to change, so that conductivity can stay the same: xylem adjustments across elevation and latitude in Nothofagus pumilio. Annals of Botany, 2020, 125, 1101-1112.	2.9	21
131	Asymmetric impacts of dryness and wetness on tree growth and forest coverage. Agricultural and Forest Meteorology, 2020, 288-289, 107980.	4.8	13
132	Scots pine trees react to drought by increasing xylem and phloem conductivities. Tree Physiology, 2020, 40, 774-781.	3.1	18
133	Variation in the access to deep soil water pools explains tree-to-tree differences in drought-triggered dieback of Mediterranean oaks. Tree Physiology, 2020, 40, 591-604.	3.1	55
134	Variability and trends of black truffle production in Spain (1970-2017): Linkages to climate, host growth, and human factors. Agricultural and Forest Meteorology, 2020, 287, 107951.	4.8	14
135	Dating lightning: Dendrochronological and magnetic analyses of lightning scars. Dendrochronologia, 2020, 62, 125727.	2.2	4
136	Variable effects of forest canopies on snow processes in a valley of the central Spanish Pyrenees. Hydrological Processes, 2020, 34, 2247-2262.	2.6	12
137	Greater sensitivity to hotter droughts underlies juniper dieback and mortality in Mediterranean shrublands. Science of the Total Environment, 2020, 721, 137599.	8.0	30
138	Volcanic activity signals in tree-rings at the treeline of the PopocatÃ©petl, Mexico. Dendrochronologia, 2020, 59, 125663.	2.2	4
139	Low growth resilience to drought is related to future mortality risk in trees. Nature Communications, 2020, 11, 545.	12.8	228
140	Similar diurnal, seasonal and annual rhythms in radial root expansion across two coexisting Mediterranean oak species. Tree Physiology, 2020, 40, 956-968.	3.1	17
141	Treeâ€toâ€tree interactions slow down Himalayan treeline shifts as inferred from tree spatial patterns. Journal of Biogeography, 2020, 47, 1816-1826.	3.0	34
142	Forest browning trends in response to drought in a highly threatened mediterranean landscape of South America. Ecological Indicators, 2020, 115, 106401.	6.3	39
143	Responses of Growth to Climate and Drought in Two Sympatric Mexican Pine Species. , 2020, , 61-75.		1
144	How Past and Future Climate and Drought Drive Radial-Growth Variability of Three Tree Species in a Bolivian Tropical Dry Forest. , 2020, , 141-167.		1

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145	Long-term thinning effects on tree growth, drought response and water use efficiency at two Aleppo pine plantations in Spain. Science of the Total Environment, 2020, 728, 138536.	8.0	66
146	Spring Hydroclimate Reconstruction on the Southâ€Central Tibetan Plateau Inferred From Juniperus Pingii Var. Wilsonii Shrub Rings Since 1605. Geophysical Research Letters, 2020, 47, e2020GL087707.	4.0	8
147	Reply to Elmendorf and Ettinger: Photoperiod plays a dominant and irreplaceable role in triggering secondary growth resumption. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32865-32867.	7.1	2
148	Drought legacies are short, prevail in dry conifer forests and depend on growth variability. Journal of Ecology, 2020, 108, 2473-2484.	4.0	74
149	Different Uncoupling of Growth and Water-Use Efficiency in Two Conifers Inhabiting Chilean Temperate Rainforests. , 2020, , 355-373.		0
150	Detecting snow-related signals in radial growth of Pinus uncinata mountain forests. Dendrochronologia, 2019, 57, 125622.	2.2	17
151	Long-term nutrient imbalances linked to drought-triggered forest dieback. Science of the Total Environment, 2019, 690, 1254-1267.	8.0	42
152	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
153	Summer drought and spring frost, but not their interaction, constrain European beech and Silver fir growth in their southern distribution limits. Agricultural and Forest Meteorology, 2019, 278, 107695.	4.8	40
154	No systematic effects of sampling direction on climate-growth relationships in a large-scale, multi-species tree-ring data set. Dendrochronologia, 2019, 57, 125624.	2.2	20
155	Droughts and climate warming desynchronize Black pine growth across the Mediterranean Basin. Science of the Total Environment, 2019, 697, 133989.	8.0	30
156	Geographically Structured Growth decline of Rear-Edge Iberian Fagus sylvatica Forests After the 1980s Shift Toward a Warmer Climate. Ecosystems, 2019, 22, 1325-1337.	3.4	28
157	Long- and short-term impacts of a defoliating moth plus mistletoe on tree growth, wood anatomy and water-use efficiency. Dendrochronologia, 2019, 56, 125598.	2.2	12
158	High responsiveness of wood anatomy to water availability and drought near the equatorial rear edge of Douglas-fir. Canadian Journal of Forest Research, 2019, 49, 1114-1123.	1.7	8
159	Recent decadal drought reverts warmingâ€triggered growth enhancement in contrasting climates in the southern Andes tree line. Journal of Biogeography, 2019, 46, 1367-1379.	3.0	30
160	Limited capacity of tree growth to mitigate the global greenhouse effect under predicted warming. Nature Communications, 2019, 10, 2171.	12.8	92
161	Forest vulnerability to extreme climatic events in Romanian Scots pine forests. Science of the Total Environment, 2019, 678, 721-727.	8.0	26
162	Regime shifts of Mediterranean forest carbon uptake and reduced resilience driven by multidecadal ocean surface temperatures. Global Change Biology, 2019, 25, 2825-2840.	9.5	22

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163	The decline of Algerian Cedrus atlantica forests is driven by a climate shift towards drier conditions. Dendrochronologia, 2019, 55, 60-70.	2.2	15
164	The stability of spruce treelines on the eastern Tibetan Plateau over the last century is explained by pastoral disturbance. Forest Ecology and Management, 2019, 442, 34-45.	3.2	18
165	Fire facilitates warming-induced upward shifts of alpine treelines by altering interspecific interactions. Trees - Structure and Function, 2019, 33, 1051-1061.	1.9	15
166	Abrupt regime shifts in post-fire resilience of Mediterranean mountain pinewoods are fuelled by land use. International Journal of Wildland Fire, 2019, 28, 329.	2.4	15
167	Linking functional traits and climate-growth relationships in Mediterranean species through wood density. IAWA Journal, 2019, 40, 215-S2.	2.7	13
168	From xylogenesis to tree rings: wood traits to investigate tree response to environmental changes. IAWA Journal, 2019, 40, 155-182.	2.7	85
169	Seasonal growth responses to climate in wet and dry conifer forests. IAWA Journal, 2019, 40, 311-S1.	2.7	12
170	Patterns and Drivers of Pine Processionary Moth Defoliation in Mediterranean Mountain Forests. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	10
171	Testing annual tree-ring chemistry by X-ray fluorescence for dendroclimatic studies in high-elevation forests from the Spanish Pyrenees. Quaternary International, 2019, 514, 130-140.	1.5	18
172	Contrasting effects of fog frequency on the radial growth of two tree species in a Mediterranean-temperate ecotone. Agricultural and Forest Meteorology, 2019, 264, 297-308.	4.8	16
173	Pine recolonization dynamics in Mediterranean human-disturbed treeline ecotones. Forest Ecology and Management, 2019, 435, 28-37.	3.2	28
174	Sancho, the oldest known Iberian shrub. Dendrochronologia, 2019, 53, 32-36.	2.2	10
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