Justin T Maxwell

List of Publications by Year
in descending order

67 papers	1,683 citations	279487 23 h-index	315357 38 g-index
73 all docs	73 docs citations	73 times ranked	2029 citing authors

#	Article	IF	Citations
1	Drought timing and local climate determine the sensitivity of eastern temperate forests to drought. Global Change Biology, 2018, 24, 2339-2351.	4.2	168
2	Linking drought legacy effects across scales: From leaves to tree rings to ecosystems. Global Change Biology, 2019, 25, 2978-2992.	4.2	133
3	Drought legacies are dependent on water table depth, wood anatomy and drought timing across the eastern US. Ecology Letters, 2019, 22, 119-127.	3.0	106
4	Comparing proxy and model estimates of hydroclimate variability and change over the Common Era. Climate of the Past, 2017, 13, 1851-1900.	1.3	93
5	A climatic deconstruction of recent drought trends in the United States. Environmental Research Letters, 2015, 10, 044009.	2.2	84
6	Cross-biome synthesis of source versus sink limits to tree growth. Science, 2022, 376, 758-761.	6.0	76
7	Linking variation in intrinsic waterâ€use efficiency to isohydricity: aÂcomparison at multiple spatiotemporal scales. New Phytologist, 2019, 221, 195-208.	3.5	69
8	Drought-Busting Tropical Cyclones in the Southeastern Atlantic United States: 1950â€“2008. Annals of the American Association of Geographers, 2012, 102, 259-275.	3.0	55
9	Tropical Cyclones and Drought Amelioration in the Gulf and Southeastern Coastal United States. Journal of Climate, 2013, 26, 8440-8452.	1.2	49
10	Joint effects of climate, tree size, and year on annual tree growth derived from treeâ€ring records of ten globally distributed forests. Global Change Biology, 2022, 28, 245-266.	4.2	46
11	Oceanâ€“Atmosphere Influences on Low-Frequency Warm-Season Drought Variability in the Gulf Coast and Southeastern United States. Journal of Applied Meteorology and Climatology, 2011, 50, 1177-1186.	0.6	43
12	On the declining relationship between tree growth and climate in the Midwest United States: the fading drought signal. Climatic Change, 2016, 138, 127-142.	1.7	42
13	Suwannee River flow variability 1550â€“2005 CE reconstructed from a multispecies tree-ring network. Journal of Hydrology, 2017, 544, 438-451.	2.3	41
14	Recent increases in tropical cyclone precipitation extremes over the US east coast. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	34
15	Tropical cyclone rainfall variability in coastal North Carolina derived from longleaf pine (Pinus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.7	32
16	Dendroclimatic reconstructions from multiple coâ€occurring species: a case study from an oldâ€growth deciduous forest in Indiana, <scp>USA</scp>. International Journal of Climatology, 2015, 35, 860-870.	1.5	31
17	Increased tree-ring network density reveals more precise estimations of sub-regional hydroclimate variability and climate dynamics in the Midwest, USA. Climate Dynamics, 2017, 49, 1479-1493.	1.7	27
18	Demographic shifts in eastern US forests increase the impact of lateâ€season drought on forest growth. Ecography, 2020, 43, 1475-1486.	2.1	27

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19	An interbasin comparison of treeâ€ring reconstructed streamflow in the eastern <scp>United States</scp>. Hydrological Processes, 2017, 31, 2381-2394.	1.1	25
20	Spatiotemporal Changes in Comfortable Weather Duration in the Continental United States and Implications for Human Wellness. Annals of the American Association of Geographers, 2016, 106, 1-18.	1.5	24
21	United States drought of 2007: historical perspectives. Climate Research, 2009, 38, 95-104.	0.4	24
22	Incorporation of the Penmanâ€“Monteith potential evapotranspiration method into a Palmer Drought Severity Index Tool. Computers and Geosciences, 2015, 85, 136-141.	2.0	23
23	Bias Correction of Paleoclimatic Reconstructions: A New Look at 1,200+ Years of Upper Colorado River Flow. Geophysical Research Letters, 2020, 47, e2019GL086689.	1.5	23
24	Higher CO 2 Concentrations and Lower Acidic Deposition Have Not Changed Drought Response in Tree Growth But Do Influence iWUE in Hardwood Trees in the Midwestern United States. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 3798-3813.	1.3	22
25	Mountain pine beetle selectivity in oldâ€growth ponderosa pine forests, Montana, <scp>USA</scp>. Ecology and Evolution, 2013, 3, 1141-1148.	0.8	21
26	Dendrochronology reveals the construction history of an early 19th century farm settlement, southwestern Virginia, USA. Journal of Archaeological Science, 2013, 40, 481-489.	1.2	20
27	Hydrological shifts and tree growth responses to river modification along the Apalachicola River, Florida. Physical Geography, 2013, 34, 491-511.	0.6	18
28	A comparison of the climate response of longleaf pine (Pinus palustris Mill.) trees among standardized measures of earlywood, latewood, adjusted latewood, and totalwood radial growth. Trees - Structure and Function, 2021, 35, 1065-1074.	0.9	17
29	Drought-induced decoupling between carbon uptake and tree growth impacts forest carbon turnover time. Agricultural and Forest Meteorology, 2022, 322, 108996.	1.9	16
30	Changes in the Mechanisms Causing Rapid Drought Cessation in the Southeastern United States. Geophysical Research Letters, 2017, 44, 12,476.	1.5	15
31	Influence of the Atlantic Multidecadal Oscillation on tupelo honey production from AD 1800 to 2010. Agricultural and Forest Meteorology, 2013, 174-175, 129-134.	1.9	14
32	Spatiotemporal Patterns of Drought/Tropical Cyclone Coâ€occurrence in the Southeastern USA: Linkages to North Atlantic Climate Variability. Geography Compass, 2014, 8, 540-559.	1.5	14
33	Subregionalization of Low-Frequency Summer Drought Variability in the Southeastern United States. Professional Geographer, 2014, 66, 323-332.	1.0	14
34	Current declines of Pecos River (New Mexico, USA) streamflow in a 700-year context. Holocene, 2018, 28, 767-777.	0.9	13
35	Comparing three approaches to reconstructing streamflow using tree rings in the Wabash River basin in the Midwestern, US. Journal of Hydrology, 2019, 573, 829-840.	2.3	12
36	Reconstructed tupelo-honey yield in northwest Florida inferred from Nyssa Ogeche tree-ring data: 1850â€“2009. Agriculture, Ecosystems and Environment, 2012, 149, 100-108.	2.5	11

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37	Spatiotemporal Variability of Tropical Cyclone Precipitation Using a High-Resolution, Gridded (0.25Â° Ã—) Tj ETQq1 1 0.784314 rgBT /O	1.2	11
38	Towards broadâ€scale temperature reconstructions for Eastern North America using blue light intensity from tree rings. International Journal of Climatology, 2021, 41, E3142.	1.5	11
39	Summer temperature variability since 1730 CE across the low-to-mid latitudes of western North America from a tree ring blue intensity network. Quaternary Science Reviews, 2021, 267, 107064.	1.4	11
40	Elevation promotes long-term survival of Pinus elliottii var. densa, a foundation species of the endangered pine rockland ecosystem in the Florida Keys. Endangered Species Research, 2015, 29, 117-130.	1.2	11
41	The Benefit of Including Rarely-Used Species in Dendroclimatic Reconstructions: A Case Study Using<i>Juglans nigra</i>in South-Central Indiana, USA. Tree-Ring Research, 2016, 72, 44-52.	0.4	10
42	Annual Growth Rings in Two Mangrove Species from the Sundarbans, Bangladesh Demonstrate Linkages to Sea-Level Rise and Broad-Scale Ocean-Atmosphere Variability. Wetlands, 2018, 38, 1159-1170.	0.7	10
43	Late summer temperature variability for the Southern Rocky Mountains (USA) since 1735 CE: applying blue light intensity to low-latitude Picea engelmannii Parry ex Engelm. Climatic Change, 2020, 162, 965-988.	1.7	10
44	Assessing bias in diameter at breast height estimated from tree rings and its effects on basal area increment and biomass. Dendrochronologia, 2021, 67, 125844.	1.0	10
45	Streamflow Variability Indicated by False Rings in Bald Cypress (Taxodium distichum (L.) Rich.). Forests, 2020, 11, 1100.	0.9	9
46	Sampling density and date along with species selection influence spatial representation of tree-ring reconstructions. Climate of the Past, 2020, 16, 1901-1916.	1.3	9
47	The Drought Response of Eastern US Oaks in the Context of Their Declining Abundance. BioScience, 2022, 72, 333-346.	2.2	9
48	Projecting future winegrape yields using a combination of<i>V</i><i>itis vinifera</i>â€…L. growth rings and soil moisture simulations, northern California, USA. Australian Journal of Grape and Wine Research, 2016, 22, 73-80.	1.0	8
49	2,500ÂYears of Hydroclimate Variability in New Mexico, USA. Geophysical Research Letters, 2019, 46, 4432-4440.	1.5	8
50	The effect of end-point adjustments on smoothing splines used for tree-ring standardization. Dendrochronologia, 2020, 60, 125665.	1.0	8
51	Precision dating and cultural history of the La Pointe-Krebs House (22JA526), Pascagoula, Mississippi, USA. Journal of Archaeological Science: Reports, 2018, 20, 87-96.	0.2	7
52	Tropical cyclone precipitation regimes since 1750 and the Great Suppression of 1843â€"1876 along coastal North Carolina, <scp>USA</scp>. International Journal of Climatology, 2021, 41, 200-210.	1.5	7
53	Comparing climate-growth responses of urban and non-urban forests using L. tulipifera tree-rings in southern Indiana, USA. Urban Forestry and Urban Greening, 2018, 31, 103-108.	2.3	6
54	A dendrochronological evaluation of three historic pioneer cabins at Spring Mill Village, Indiana. Dendrochronologia, 2017, 43, 12-19.	1.0	5

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55	Construction history of the Deason House, Jones County, Mississippi. Dendrochronologia, 2017, 43, 50-58.	1.0	5
56	Radial growth responses of tulip poplar (<i>Liriodendron tulipifera</i>) to climate in the eastern United States. Ecosphere, 2020, 11, e03203.	1.0	5
57	Placing modern droughts in historical context in the Ohio Valley using tree-rings. Physical Geography, 2018, 39, 343-353.	0.6	4
58	Microelevational Differences Affect Longleaf Pine (Pinus palustris Mill.) Sensitivity to Tropical Cyclone Precipitation: A Case Study Using Lidar. Tree-Ring Research, 2020, 76, 89.	0.4	4
59	Drought and Other Driving Forces behind Population Change in Six Rural Counties in the United States. Southeastern Geographer, 2011, 51, 133-149.	0.1	3
60	Trans-Atlantic Connections between North African Dust Flux and Tree Growth in the Florida Keys, United States. Earth Interactions, 2017, 21, 1-22.	0.7	3
61	Dendroclimatic Assessment of Ponderosa Pine Radial Growth along Elevational Transects in Western Montana, U.S.A.. Forests, 2019, 10, 1094.	0.9	3
62	Floodplain forest structure and the recent decline of Carya illinoinensis (Wangenh.) K. Koch (northern pecan) at its northern latitudinal range margin, Upper Mississippi River System, USA. Forest Ecology and Management, 2021, 496, 119454.	1.4	2
63	Drought Sensitivity and Resilience of Oakâ€“Hickory Stands in the Eastern United States. Forests, 2022, 13, 389.	0.9	2
64	A Method for Measuring Sub-Annual Ring Widths of<i>Pinus Edulis</i>for Seasonal Climate Reconstructions. Tree-Ring Research, 2017, 73, 91-101.	0.4	1
65	CLIMATE-GROWTH RESPONSES FROM PINUS PONDEROSA TREES USING MULTIPLE MEASURES OF ANNUAL RADIAL GROWTH. Tree-Ring Research, 2019, 75, 25.	0.4	1
66	Old-growth attributes in a maturing secondary Indiana state forest: an opportunity for balanced management1. Journal of the Torrey Botanical Society, 2021, 148, .	0.1	0
67	Disentangling the drivers of non-stationarity in tree growth. Tree Physiology, 2022, , .	1.4	0