

Matthew D Therrell

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,741
citations

236612

25
h-index

182168

51
g-index

55
all docs

55
docs citations

55
times ranked

2282
citing authors

#	ARTICLE	IF	CITATIONS
1	Flood variability in the common era: a synthesis of sedimentary records from Europe and North America. <i>Physical Geography</i> , 2023, 44, 121-135.	0.6	4
2	Tropical tree growth driven by dry-season climate variability. <i>Nature Geoscience</i> , 2022, 15, 269-276.	5.4	38
3	A Paleo Perspective of Alabama and Florida (USA) Interstate Streamflow. <i>Water (Switzerland)</i> , 2021, 13, 657.	1.2	6
4	A lonely dot on the map: Exploring the climate signal in tree-ring density and stable isotopes of clawnwilliam cedar, South Africa. <i>Dendrochronologia</i> , 2021, 69, 125879.	1.0	4
5	A record of flooding on the White River, Arkansas derived from tree-ring anatomical variability and vessel width. <i>Physical Geography</i> , 2020, 41, 83-98.	0.6	16
6	Demographic shifts in eastern US forests increase the impact of late-€season drought on forest growth. <i>Ecography</i> , 2020, 43, 1475-1486.	2.1	27
7	Streamflow Variability Indicated by False Rings in Bald Cypress (<i>Taxodium distichum</i> (L.) Rich.). <i>Forests</i> , 2020, 11, 1100.	0.9	9
8	Fluvial activity in major river basins of the eastern United States during the Holocene. <i>Holocene</i> , 2020, 30, 1279-1295.	0.9	10
9	Atlantic Ocean Sea Surface Temperatures and Southeast United States streamflow variability: Associations with the recent multi-decadal decline. <i>Journal of Hydrology</i> , 2019, 576, 422-429.	2.3	19
10	Tree-ring analysis for sustainable harvest of <i>Millettia stuhlmannii</i> in Mozambique. <i>South African Journal of Botany</i> , 2019, 125, 120-125.	1.2	2
11	Comparing three approaches to reconstructing streamflow using tree rings in the Wabash River basin in the Midwestern, US. <i>Journal of Hydrology</i> , 2019, 573, 829-840.	2.3	12
12	Implications of the 2015-2016 El Niño on Coastal Mississippi-Alabama Streamflow and Agriculture. <i>Hydrology</i> , 2019, 6, 96.	1.3	3
13	Climatic control of Mississippi River flood hazard amplified by river engineering. <i>Nature</i> , 2018, 556, 95-98.	13.7	202
14	Temporal and spatial patterns of sedimentation within the batture lands of the middle Mississippi River, USA. <i>Geomorphology</i> , 2018, 308, 129-141.	1.1	11
15	Assessing the impacts of dams and levees on the hydrologic record of the Middle and Lower Mississippi River, USA. <i>Geomorphology</i> , 2018, 313, 88-100.	1.1	23
16	The search for Fort Armstrong: Dendroarchaeology of the Williamson -Snow Hill-Plantation, Cherokee County, Alabama, U.S.A.. <i>Dendrochronologia</i> , 2017, 43, 59-65.	1.0	5
17	Assessing trends in lower tropospheric heat content in the central United States using equivalent temperature. <i>International Journal of Climatology</i> , 2015, 35, 2828-2836.	1.5	16
18	Bridging the Gap With Subfossil Douglas-Fir At Mesa Verde, Colorado. <i>Tree-Ring Research</i> , 2015, 71, 53-66.	0.4	2

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19	A multi-century tree-ring record of spring flooding on the Mississippi River. <i>Journal of Hydrology</i> , 2015, 529, 490-498.	2.3	38
20	Dendrochronological potential of <i>Millettia stuhlmannii</i> in Mozambique. <i>Trees - Structure and Function</i> , 2015, 29, 729-736.	0.9	8
21	Climate and the mfecane (with erratum). <i>South African Journal of Science</i> , 2014, 110, 7.	0.3	8
22	The Ancient Blue Oak Woodlands of California: Longevity and Hydroclimatic History. <i>Earth Interactions</i> , 2013, 17, 1-23.	0.7	42
23	Fire History and Stand Structure of High Quality Black Oak (<i>Quercus velutina</i>) Sand Savannas. <i>Natural Areas Journal</i> , 2013, 33, 10-20.	0.2	10
24	Response of NonNative Invasive Plants to Large Scale Wind Damage. <i>Natural Areas Journal</i> , 2013, 33, 307-315.	0.2	5
25	The effects of geographical distribution on the reliability of wind energy. <i>Applied Geography</i> , 2013, 40, 83-89.	1.7	23
26	Tree-Ring Dating of An Arkansas Antebellum Plantation House. <i>Tree-Ring Research</i> , 2012, 68, 59-67.	0.4	16
27	Major Mesoamerican droughts of the past millennium. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	148
28	Ancient trees reveal their secrets. <i>Nature Climate Change</i> , 2011, 1, 94-95.	8.1	2
29	Waniyetu Wã³wapi: Native American Records of Weather and Climate. <i>Bulletin of the American Meteorological Society</i> , 2011, 92, 583-592.	1.7	13
30	Dendroclimatology from Regional to Continental Scales: Understanding Regional Processes to Reconstruct Large-Scale Climatic Variations Across the Western Americas. <i>Developments in Paleoenvironmental Research</i> , 2011, , 175-227.	7.5	20
31	Cool- and Warm-Season Precipitation Reconstructions over Western New Mexico. <i>Journal of Climate</i> , 2009, 22, 3729-3750.	1.2	126
32	Age, and radial growth dynamics of <i>Pterocarpus angolensis</i> in southern Africa. <i>Forest Ecology and Management</i> , 2007, 244, 24-31.	1.4	54
33	Winter-spring precipitation reconstructions from tree rings for northeast Mexico. <i>Climatic Change</i> , 2007, 83, 117-131.	1.7	90
34	Tree-Ring Reconstructed Maize Yield in Central Mexico: 1474â€“2001. <i>Climatic Change</i> , 2006, 74, 493-504.	1.7	55
35	Tree-ring reconstructed rainfall variability in Zimbabwe. <i>Climate Dynamics</i> , 2006, 26, 677-685.	1.7	106
36	Ancient <i>Austrocedrus</i> Tree-Ring Chronologies Used to Reconstruct Central Chile Precipitation Variability from a.d. 1200 to 2000. <i>Journal of Climate</i> , 2006, 19, 5731-5744.	1.2	84

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37	Drought, epidemic disease, and the fall of classic period cultures in Mesoamerica (AD 750â€“950). Hemorrhagic fevers as a cause of massive population loss. <i>Medical Hypotheses</i> , 2005, 65, 405-409.	0.8	47
38	Hydroclimatic variability of the upper Nazas basin: Water management implications for the irrigated area of the Comarca Lagunera, Mexico. <i>Dendrochronologia</i> , 2005, 22, 215-223.	1.0	21
39	Tree rings and "El AÃ±o del Hambre"™ in Mexico. <i>Dendrochronologia</i> , 2005, 22, 203-207.	1.0	10
40	Aztec Drought and the "Curse of One Rabbit". <i>Bulletin of the American Meteorological Society</i> , 2004, 85, 1263-1272.	1.7	68
41	When half of the population died: the epidemic of hemorrhagic fevers of 1576 in Mexico. <i>FEMS Microbiology Letters</i> , 2004, 240, 1-5.	0.7	66
42	Tree-Ring Reconstructed Winter Precipitation and Tropical Teleconnections in Durango, Mexico. <i>Climatic Change</i> , 2003, 59, 369-388.	1.7	128
43	Interannual to decadal climate and streamflow variability estimated from tree rings. <i>Developments in Quaternary Sciences</i> , 2003, , 491-504.	0.1	8
44	Late-Eighteenth-Century Precipitation Reconstructions from James Madison's Montpelier Plantation. <i>Bulletin of the American Meteorological Society</i> , 2003, 84, 57-72.	1.7	29
45	Lessons for Modern EPs from 16th Century Megadrought. <i>Emergency Medicine News</i> , 2002, 24, 62.	0.0	0
46	Warm season tree growth and precipitation over Mexico. <i>Journal of Geophysical Research</i> , 2002, 107, ACL 6-1.	3.3	67
47	Megadrought and Megadeath in 16th Century Mexico. <i>Emerging Infectious Diseases</i> , 2002, 8, 360-362.	2.0	194
48	Chihuahua (Mexico) winter-spring precipitation reconstructed from tree-rings, 1647-1992. <i>Climate Research</i> , 2002, 22, 237-244.	0.4	63
49	SACRAMENTO RIVER FLOW RECONSTRUCTED TO A.D. 869 FROM TREE RINGS ¹ . <i>Journal of the American Water Resources Association</i> , 2001, 37, 1029-1039.	1.0	222
50	Ancient blue oaks reveal human impact on San Francisco Bay salinity. <i>Eos</i> , 2001, 82, 141-145.	0.1	26
51	The historic and paleoclimatic significance of log buildings in Southcentral Texas. <i>Historical Archaeology</i> , 2000, 34, 25-37.	0.5	10
52	Tree-ring data document 16th century megadrought over North America. <i>Eos</i> , 2000, 81, 121.	0.1	270
53	A predictive model to locate ancient forests in the Cross Timbers of Osage County, Oklahoma. <i>Journal of Biogeography</i> , 1998, 25, 847-854.	1.4	60
54	The Lost Colony and Jamestown Droughts. <i>Science</i> , 1998, 280, 564-567.	6.0	195