Peter T SoulÃ©

List of Publications by Year
in descending order

44 papers	934 citations	516681 16 h-index	477281 29 g-index
44 all docs	44 docs citations	44 times ranked	884 citing authors

#	Article	IF	Citations
1	Spatial patterns of drought frequency and duration in the contiguous USA based on multiple drought event definitions. International Journal of Climatology, 1992, 12, 11-24.	3.5	98
2	Radial growth rate increases in naturally occurring ponderosa pine trees: a lateâ€20th century CO 2 fertilization effect?. New Phytologist, 2006, 171, 379-390.	7.3	83
3	Detecting potential regional effects of increased atmospheric CO2 on growth rates of western juniper. Global Change Biology, 2001, 7, 903-917.	9.5	80
4	Climatic Regionalization and the Spatio-Temporal Occurrence of Extreme Single-Year Drought Events (1500â€“1998) in the Interior Pacific Northwest, USA. Quaternary Research, 2002, 58, 226-233.	1.7	57
5	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
6	Tropical Cyclones and Drought Amelioration in the Gulf and Southeastern Coastal United States. Journal of Climate, 2013, 26, 8440-8452.	3.2	49
7	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.	1.5	43
8	HUMAN AGENCY, ENVIRONMENTAL DRIVERS, AND WESTERN JUNIPER ESTABLISHMENT DURING THE LATE HOLOCENE. , 2004, 14, 96-112.		37
9	RecentJuniperus occidentalis(Western Juniper) expansion on a protected site in central Oregon. Global Change Biology, 1998, 4, 347-357.	9.5	36
10	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, .	7.1	34
11	Tropical cyclone rainfall variability in coastal North Carolina derived from longleaf pine (Pinus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	3.6	32
12	Vegetation Change and the Role of Atmospheric CO2Enrichment on a Relict Site in Central Oregon: 1960â€“1994. Annals of the American Association of Geographers, 1996, 86, 387-411.	3.0	28
13	Increasing water-use efficiency and age-specific growth responses of old-growth ponderosa pine trees in the Northern Rockies. Global Change Biology, 2011, 17, 631-641.	9.5	26
14	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.	2.2	24
15	Post-drought growth responses of western Juniper (Juniperus occidentals var. occidentalis) in central Oregon. Geophysical Research Letters, 2001, 28, 2657-2660.	4.0	21
16	Mountain pine beetle selectivity in oldâ€growth ponderosa pine forests, Montana, <scp>USA</scp>. Ecology and Evolution, 2013, 3, 1141-1148.	1.9	21
17	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.	1.9	17
18	Divergent growth rates of alpine larch trees (<i>Larix lyallii</i> Parl.) in response to microenvironmental variability. Arctic, Antarctic, and Alpine Research, 2018, 50, .	1.1	16

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19	Changes in the Mechanisms Causing Rapid Drought Cessation in the Southeastern United States. Geophysical Research Letters, 2017, 44, 12,476.	4.0	15
20	Hydrologic drought in the contiguous United States, 1900â€“1989: Spatial patterns and multiple comparison of means. Geophysical Research Letters, 1993, 20, 2367-2370.	4.0	13
21	Some Spatial Aspects of Southeastern United States Climatology. Journal of Geography, 1998, 97, 142-150.	1.5	11
22	Geographical distribution of an 18th-century heart rot outbreak in western juniper (Juniperus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	2.4	11
23	Analyses of intrinsic waterâ€use efficiency indicate performance differences of ponderosa pine and Douglasâ€fir in response to <scp>CO</scp>₂ enrichment. Journal of Biogeography, 2015, 42, 144-155.	3.0	11
24	Spatiotemporal Variability of Tropical Cyclone Precipitation Using a High-Resolution, Gridded (0.25Â° Ã—) Tj ETQq0 0 0 rgBT /Overlock 1	3.2	11
25	Radial Growth and Increased Water-Use Efficiency for Ponderosa Pine Trees in Three Regions in the Western United States. Professional Geographer, 2011, 63, 379-391.	1.8	10
26	Topoedaphic and morphological complexity of foliar damage and mortality within western juniper (Juniperus occidentalis var. occidentalis) woodlands following an extreme meteorological event. Journal of Biogeography, 2007, 34, 1927-1937.	3.0	9
27	Trends in midlatitude cyclone frequency and occurrence during fire season in the Northern Rockies: 1900â€“2004. Geophysical Research Letters, 2007, 34, .	4.0	8
28	Changing Climate, Atmospheric Composition, and Radial Tree Growth in a Spruce-Fir Ecosystem on Grandfather Mountain, North Carolina. Natural Areas Journal, 2011, 31, 65-74.	0.5	8
29	Winter climate variability in the southern Appalachian Mountains, 1910â€“2017. International Journal of Climatology, 2019, 39, 206-217.	3.5	8
30	Spatiotemporal patterns of <scp>ENSOâ€precipitation</scp> relationships in the tropical Andes of southern Peru and Bolivia. International Journal of Climatology, 2021, 41, 4061-4076.	3.5	8
31	Use of atmospheric CO₂â€sensitive trees may influence dendroclimatic reconstructions. Geophysical Research Letters, 2008, 35, .	4.0	7
32	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.	3.5	7
33	Variations in heating and cooling degree-days in the south-eastern USA, 1960â€“1989. International Journal of Climatology, 1995, 15, 355-367.	3.5	6
34	TEMPORAL CHARACTERISTICS OF PENNSYLVANIA SNOWFALL, 1950â€“1951 THROUGH 1989â€“1990. Physical Geography, 1995, 16, 188-204.	1.4	5
35	Impacts of an Extreme Early-Season Freeze Event in the Interior Pacific Northwest (30 Octoberâ€“3) Tj ETQq1 1 0.784314 rgBT /Over 2005, 44, 1152-1158.	1.7	5
36	THE RELATIONSHIPS OF PALMER'S DROUGHT INDICES TO RIVER STAGE IN WESTERN TENNESSEE. Physical Geography, 1990, 11, 206-219.	1.4	4

#	ARTICLE	IF	CITATIONS
37	Reconstructing annual area burned in the northern Rockies, USA: AD 1626-2008. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	4
38	Dendroecological investigation of red-cockaded woodpecker cavity tree selection in endangered longleaf pine forests. Forest Ecology and Management, 2020, 473, 118291.	3.2	4
39	Microelevational Differences Affect Longleaf Pine (Pinus palustris Mill.) Sensitivity to Tropical Cyclone Precipitation: A Case Study Using Lidar. Tree-Ring Research, 2020, 76, 89.	0.6	4
40	Dendroclimatic Assessment of Ponderosa Pine Radial Growth along Elevational Transects in Western Montana, U.S.A.. Forests, 2019, 10, 1094.	2.1	3
41	Radial Growth Rate Responses of Western Juniper (Juniperus occidentalis Hook.) to Atmospheric and Climatic Changes: A Longitudinal Study from Central Oregon, USA. Forests, 2019, 10, 1127.	2.1	2
42	SPATIAL PATTERNS OF AVERAGE SOUTHEASTERN-BASED DROUGHTS IN THE CONTIGUOUS UNITED STATES. Physical Geography, 1992, 13, 225-239.	1.4	1
43	Does an August Singularity Exist in the Northern Rockies of the United States?. Journal of Applied Meteorology and Climatology, 2008, 47, 1845-1850.	1.5	1
44	CLIMATE-GROWTH RESPONSES FROM PINUS PONDEROSA TREES USING MULTIPLE MEASURES OF ANNUAL RADIAL GROWTH. Tree-Ring Research, 2019, 75, 25.	0.6	1