

Valerie Trouet

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3680697/publications.pdf>

Version: 2024-02-01

88
papers

7,434
citations

81434

41
h-index

62345

84
g-index

90
all docs

90
docs citations

90
times ranked

8587
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced winter, spring, and summer hydroclimate variability across California from 1940 to 2019. <i>International Journal of Climatology</i> , 2022, 42, 4940-4952.	1.5	11
2	Ecological and societal effects of Central Asian streamflow variation over the past eight centuries. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	21
3	Tropical tree growth driven by dry-season climate variability. <i>Nature Geoscience</i> , 2022, 15, 269-276.	5.4	38
4	Jet stream position explains regional anomalies in European beech forest productivity and tree growth. <i>Nature Communications</i> , 2022, 13, 2015.	5.8	8
5	Multi-century spatiotemporal patterns of fire history in black pine forests, Turkey. <i>Forest Ecology and Management</i> , 2022, 518, 120296.	1.4	7
6	The North American tree-ring fire-scar network. <i>Ecosphere</i> , 2022, 13, .	1.0	26
7	Climate sensitivity of understory trees differs from overstory trees in temperate mesic forests. <i>Ecology</i> , 2021, 102, e03264.	1.5	22
8	ENSO modulates wildfire activity in China. <i>Nature Communications</i> , 2021, 12, 1764.	5.8	69
9	Thank You to Our 2020 Peer Reviewers. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093126.	1.5	0
10	The influence of decision-making in tree ring-based climate reconstructions. <i>Nature Communications</i> , 2021, 12, 3411.	5.8	59
11	Long-term decrease in Asian monsoon rainfall and abrupt climate change events over the past 6,700 years. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	81
12	A lonely dot on the map: Exploring the climate signal in tree-ring density and stable isotopes of clark cedar, South Africa. <i>Dendrochronologia</i> , 2021, 69, 125879.	1.0	4
13	Fire history of <i>Pinus nigra</i> in Western Anatolia: A first dendrochronological study. <i>Dendrochronologia</i> , 2021, 69, 125874.	1.0	8
14	Recent increases in tropical cyclone precipitation extremes over the US east coast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	34
15	Recent anthropogenic curtailing of Yellow River runoff and sediment load is unprecedented over the past 500 y. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18251-18257.	3.3	77
16	Poleward Excursions by the Himalayan Subtropical Jet Over the Past Four Centuries. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089631.	1.5	7
17	Tree Ring-Based Historic Hydroclimatic Variability of the Baja California Peninsula. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032675.	1.2	2
18	Thank You to Our 2019 Peer Reviewers. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088048.	1.5	0

#	ARTICLE	IF	CITATIONS
19	Dendroclimatic analysis of <i>Pinus peuce</i> Griseb. at subalpine and treeline locations in Pirin Mountains, Bulgaria. <i>Dendrochronologia</i> , 2020, 61, 125703.	1.0	3
20	Seasonal divergence between soil water availability and atmospheric moisture recorded in intra-annual tree-ring $\delta^{18}O$ extremes. <i>Environmental Research Letters</i> , 2020, 15, 094036.	2.2	15
21	Age-Related Climate Response of Tree-Ring $\delta^{13}C$ and $\delta^{18}O$ From Spruce in Northwestern China, With Implications for Relative Humidity Reconstructions. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005513.	1.3	10
22	Tree growth response to recent warming of two endemic species in Northeast Asia. <i>Climatic Change</i> , 2020, 162, 1345-1364.	1.7	18
23	Scientific Merits and Analytical Challenges of Tree-Ring Densitometry. <i>Reviews of Geophysics</i> , 2019, 57, 1224-1264.	9.0	98
24	Seasonal and synoptic climatic drivers of tree growth in the Bighorn Mountains, WY, USA (1654-1983). <i>Journal of Climate</i> , 2019, 32, 1000-1010.	1.0	7
25	Century-scale temperature variability and onset of industrial-era warming in the Eastern Tibetan Plateau. <i>Climate Dynamics</i> , 2019, 53, 4569-4590.	1.7	13
26	Jet stream dynamics, hydroclimate, and fire in California from 1600 CE to present. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5393-5398.	3.3	40
27	Twentieth century redistribution in climatic drivers of global tree growth. <i>Science Advances</i> , 2019, 5, eaat4313.	4.7	282
28	A 1200+ year reconstruction of temperature extremes for the northeastern Mediterranean region. <i>International Journal of Climatology</i> , 2019, 39, 2336-2350.	1.5	17
29	Regional drought shifts (1710-2010) in East Central Asia and linkages with atmospheric circulation recorded in tree-ring $\delta^{18}O$. <i>Climate Dynamics</i> , 2019, 52, 713-727.	1.7	33
30	How do Droughts and Wildfires Alter Seasonal Radial Growth in Mediterranean Aleppo Pine Forests?. <i>Tree-Ring Research</i> , 2018, 74, 1-14.	0.4	14
31	Recent enhanced high-summer North Atlantic Jet variability emerges from three-century context. <i>Nature Communications</i> , 2018, 9, 180.	5.8	69
32	Post-1980 shifts in the sensitivity of boreal tree growth to North Atlantic Ocean dynamics and seasonal climate. <i>Global and Planetary Change</i> , 2018, 165, 1-12.	1.6	16
33	Relative influences of multiple sources of uncertainty on cumulative and incremental tree-ring-derived aboveground biomass estimates. <i>Trees - Structure and Function</i> , 2018, 32, 265-276.	0.9	32
34	Climatic and volcanic forcing of tropical belt northern boundary over the past 800 years. <i>Nature Geoscience</i> , 2018, 11, 933-938.	5.4	19
35	When tree rings go global: Challenges and opportunities for retro- and prospective insight. <i>Quaternary Science Reviews</i> , 2018, 197, 1-20.	1.4	131
36	Pacific-Atlantic Ocean influence on wildfires in northeast China (1774 to 2010). <i>Geophysical Research Letters</i> , 2017, 44, 1025-1033.	1.5	33

#	ARTICLE	IF	CITATIONS
37	High-elevation inter-site differences in Mount Smolikas tree-ring width data. <i>Dendrochronologia</i> , 2017, 44, 164-173.	1.0	25
38	Meet Adonis, Europe's oldest dendrochronologically dated tree. <i>Dendrochronologia</i> , 2017, 42, 12.	1.0	20
39	Northern Hemisphere Jet Stream Position Indices as Diagnostic Tools for Climate and Ecosystem Dynamics. <i>Earth Interactions</i> , 2017, 21, 1-23.	0.7	33
40	Dendro-archeo-ecology in North America and Europe: Re-purposing Historical Materials to Study Ancient Human-Environment Interactions. <i>Ecological Studies</i> , 2017, , 365-394.	0.4	7
41	Climatic history of the northeastern United States during the past 3000 years. <i>Climate of the Past</i> , 2017, 13, 1355-1379.	1.3	29
42	Evaluating the effect of alternative carbon allocation schemes in a land surface model (CLM4.5) on carbon fluxes, pools, and turnover in temperate forests. <i>Geoscientific Model Development</i> , 2017, 10, 3499-3517.	1.3	32
43	The value of crossdating to retain high-frequency variability, climate signals, and extreme events in environmental proxies. <i>Global Change Biology</i> , 2016, 22, 2582-2595.	4.2	86
44	Latitudinal gradients in tree ring stable carbon and oxygen isotopes reveal differential climate influences of the North American Monsoon System. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 1978-1991.	1.3	57
45	Socioecological transitions trigger fire regime shifts and modulate fire-climate interactions in the Sierra Nevada, USA, 1600-2015 CE. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13684-13689.	3.3	161
46	Ranking of tree-ring based temperature reconstructions of the past millennium. <i>Quaternary Science Reviews</i> , 2016, 145, 134-151.	1.4	91
47	Wood density provides new opportunities for reconstructing past temperature variability from southeastern Australian trees. <i>Global and Planetary Change</i> , 2016, 141, 1-11.	1.6	13
48	Shipwreck rates reveal Caribbean tropical cyclone response to past radiative forcing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3169-3174.	3.3	48
49	Multi-century evaluation of Sierra Nevada snowpack. <i>Nature Climate Change</i> , 2016, 6, 2-3.	8.1	155
50	A composite annual-resolution stalagmite record of North Atlantic climate over the last three millennia. <i>Scientific Reports</i> , 2015, 5, 10307.	1.6	120
51	Climate sensitivity of Mediterranean pine growth reveals distinct east-west dipole. <i>International Journal of Climatology</i> , 2015, 35, 2503-2513.	1.5	34
52	Old World megadroughts and pluvials during the Common Era. <i>Science Advances</i> , 2015, 1, e1500561.	4.7	403
53	Synoptic drivers of 400 years of summer temperature and precipitation variability on Mt. Olympus, Greece. <i>Climate Dynamics</i> , 2015, 45, 807-824.	1.7	37
54	A tree-ring based reconstruction of early summer precipitation in southwestern Virginia (1750-1981). <i>Climate Research</i> , 2015, 64, 243-256.	0.4	3

#	ARTICLE	IF	CITATIONS
55	Some Perspectives on Societal Impacts of Past Climatic Changes. <i>History Compass</i> , 2014, 12, 160-177.	0.1	15
56	A Tree-Ring Based Late Summer Temperature Reconstruction (AD 1675â€“1980) for the Northeastern Mediterranean. <i>Radiocarbon</i> , 2014, 56, S69-S78.	0.8	17
57	Toward consistent measurements of carbon accumulation: A multi-site assessment of biomass and basal area increment across Europe. <i>Dendrochronologia</i> , 2014, 32, 153-161.	1.0	80
58	A tree-ring perspective on the terrestrial carbon cycle. <i>Oecologia</i> , 2014, 176, 307-322.	0.9	131
59	A Tree-Ring Based Late Summer Temperature Reconstruction (AD 1675â€“1980) for the Northeastern Mediterranean. <i>Radiocarbon</i> , 2014, 56, S69-S78.	0.8	0
60	KNMI Climate Explorer: A Web-Based Research Tool for High-Resolution Paleoclimatology. <i>Tree-Ring Research</i> , 2013, 69, 3-13.	0.4	380
61	A tree-ring based comparison of <i>Terminalia superba</i> climateâ€“growth relationships in West and Central Africa. <i>Trees - Structure and Function</i> , 2013, 27, 1225-1238.	0.9	43
62	A 1500-year reconstruction of annual mean temperature for temperate North America on decadal-to-multidecadal time scales. <i>Environmental Research Letters</i> , 2013, 8, 024008.	2.2	82
63	Site- and species-specific responses of forest growth to climate across the European continent. <i>Global Ecology and Biogeography</i> , 2013, 22, 706-717.	2.7	297
64	A pan-European summer teleconnection mode recorded by a new temperature reconstruction from the northeastern Mediterranean (<sc>ad</sc> 1768â€“2008). <i>Holocene</i> , 2012, 22, 887-898.	0.9	50
65	Climate sensitivity of a millennium-long pine chronology from Albania. <i>Climate Research</i> , 2012, 51, 217-228.	0.4	41
66	North Atlantic storminess and Atlantic Meridional Overturning Circulation during the last Millennium: Reconciling contradictory proxy records of NAO variability. <i>Global and Planetary Change</i> , 2012, 84-85, 48-55.	1.6	163
67	Cambial Growth Season of Brevi-Deciduous <i>Brachystegia spiciformis</i> Trees from South Central Africa Restricted to Less than Four Months. <i>PLoS ONE</i> , 2012, 7, e47364.	1.1	50
68	2500 Years of European Climate Variability and Human Susceptibility. <i>Science</i> , 2011, 331, 578-582.	6.0	1,154
69	High resolution $\delta^{18}O$ and $\delta^{13}C$ records from an annually laminated Scottish stalagmite and relationship with last millennium climate. <i>Global and Planetary Change</i> , 2011, 79, 303-311.	1.6	45
70	Multi-century variability in the Pacific North American circulation pattern reconstructed from tree rings. <i>Climate Dynamics</i> , 2010, 35, 953-963.	1.7	55
71	Diverse climate sensitivity of Mediterranean tree-ring width and density. <i>Trees - Structure and Function</i> , 2010, 24, 261-273.	0.9	95
72	Climate signal in tree-ring chronologies of <i>Pinus peuce</i> and <i>Pinus heldreichii</i> from the Pirin Mountains in Bulgaria. <i>Trees - Structure and Function</i> , 2010, 24, 479-490.	0.9	55

#	ARTICLE	IF	CITATIONS
73	Ensemble reconstruction constraints on the global carbon cycle sensitivity to climate. <i>Nature</i> , 2010, 463, 527-530.	13.7	256
74	Fire-climate interactions in the American West since 1400 CE. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	102
75	Climate/growth relationships of <i>Brachystegia spiciformis</i> from the miombo woodland in south central Africa. <i>Dendrochronologia</i> , 2010, 28, 161-171.	1.0	50
76	Tree-ring indicators of German summer drought over the last millennium. <i>Quaternary Science Reviews</i> , 2010, 29, 1005-1016.	1.4	103
77	Human and Climatic Influences on Fire Occurrence in California's North Coast Range, USA. <i>Fire Ecology</i> , 2009, 5, 76-99.	1.1	23
78	Interannual variations in fire weather, fire extent, and synoptic-scale circulation patterns in northern California and Oregon. <i>Theoretical and Applied Climatology</i> , 2009, 95, 349-360.	1.3	74
79	Species-specific climate sensitivity of tree growth in Central-West Germany. <i>Trees - Structure and Function</i> , 2009, 23, 729-739.	0.9	125
80	Persistent Positive North Atlantic Oscillation Mode Dominated the Medieval Climate Anomaly. <i>Science</i> , 2009, 324, 78-80.	6.0	885
81	Reconstructing Climate Dynamics Over the Past Millennium: Synoptic-scale Climate Dynamics Over the Last Millennium: A Case Study for the MCA-LIA Transition; Kippel, Switzerland, 17-20 May 2009. <i>Eos</i> , 2009, 90, 283-283.	0.1	2
82	Climatic influences on fire regimes in montane forests of the southern Cascades, California, USA. <i>International Journal of Wildland Fire</i> , 2008, 17, 60.	1.0	54
83	The Potential to Reconstruct Manasi River Streamflow in the Northern Tien Shan Mountains (NW Tj ETQq1 1 0.784314 rgBT /Overlook 0,4 59	0.4	59
84	Fire-climate interactions in forests of the American Pacific coast. <i>Geophysical Research Letters</i> , 2006, 33, n/a-n/a.	1.5	68
85	Annual Growth Ring Patterns in <i>Brachystegia spiciformis</i> Reveal Influence of Precipitation on Tree Growth1. <i>Biotropica</i> , 2006, 38, 375-382.	0.8	57
86	Climatic signals in tree rings of <i>Burkea africana</i> and <i>Pterocarpus angolensis</i> from semiarid forests in Namibia. <i>Trees - Structure and Function</i> , 2004, 18, 442.	0.9	102
87	TREE RING ANALYSIS OF BRACHYSTEGIA SPICIFORMIS AND ISOBERLINIA TOMENTOSA: EVALUATION OF THE ENSO-SIGNAL IN THE MIOMBO WOODLAND OF EASTERN AFRICA. <i>IAWA Journal</i> , 2001, 22, 385-399.	2.7	42
88	Length of growing season is modulated by Northern Hemisphere jet stream variability. <i>International Journal of Climatology</i> , 0, , .	1.5	1