Cathy L Whitlock

List of Publications by Year
in descending order

69	5,509	94433 37	95266 68
papers	citations	h-index	g-index

71	71	71	4471
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Disentangling the last 1,000 years of humanâ€“environment interactions along the eastern side of the southern Andes (34â€“52Â°S lat.). Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	5
2	What was burning in the past? Charcoal identifications supplement an early-Holocene fire-history reconstruction in Yellowstone National Park, USA. Quaternary International, 2021, 593-594, 256-269.	1.5	1
3	A Holocene history of monkey puzzle tree (pehuÃ©n) in northernmost Patagonia. Journal of Biogeography, 2021, 48, 833-846.	3.0	4
4	ERRONEOUSLY OLD RADIOCARBON AGES FROM TERRESTRIAL POLLEN CONCENTRATES IN YELLOWSTONE LAKE, WYOMING, USA. Radiocarbon, 2021, 63, 321-342.	1.8	11
5	Multi-proxy record of Holocene paleoenvironmental conditions from Yellowstone Lake, Wyoming, USA. Quaternary Science Reviews, 2021, 274, 107275.	3.0	10
6	Vegetation responses to Quaternary volcanic and hydrothermal disturbances in the Northern Rocky Mountains and Greater Yellowstone Ecosystem (USA). Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 559, 109859.	2.3	5
7	If the trees burn, is the forest lost? Past dynamics in temperate forests help inform management strategies. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190115.	4.0	11
8	Resilience and fire management in the Anthropocene. Ecology and Society, 2019, 24, .	2.3	41
9	Postâ€fire vegetation and climate dynamics in lowâ€elevation forests over the last three millennia in Yellowstone National Park. Ecography, 2019, 42, 1226-1236.	4.5	4
10	Postglacial vegetation dynamics at high elevation from Fairy Lake in the northern Greater Yellowstone Ecosystem, Montana, USA. Quaternary Research, 2019, 92, 365-380.	1.7	1
11	Postglacial vegetation, fire, and climate history along the eastern Andes, Argentina and Chile (lat.) Tj ETQq1 1 0.784314 rgBT /Overlock	3.0	24
12	Landâ€use history as a guide for forest conservation and management. Conservation Biology, 2018, 32, 84-97.	4.7	54
13	Holocene Dynamics of Temperate Rainforests in West-Central Patagonia. Frontiers in Ecology and Evolution, 2018, 5, .	2.2	12
14	Past vegetation dynamics in the Yellowstone region highlight the vulnerability of mountain systems to climate change. Journal of Biogeography, 2018, 45, 1768-1780.	3.0	22
15	Adapt to more wildfire in western North American forests as climate changes. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4582-4590.	7.1	536
16	Climatic and nonâ€climatic controls shaping early postglacial conifer history in the northern Greater Yellowstone Ecosystem, USA. Journal of Quaternary Science, 2017, 32, 1022-1036.	2.1	8
17	Trends in catchment processes and lake evolution during the late-glacial and early- to mid-Holocene inferred from high-resolution XRF data in the Yellowstone region. Journal of Paleolimnology, 2017, 58, 551-569.	1.6	23
18	A walk on the wild side: Disturbance dynamics and the conservation and management of European mountain forest ecosystems. Forest Ecology and Management, 2017, 388, 120-131.	3.2	172

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19	A 17,000-Year-Long Record of Vegetation and Fire from Cradle Mountain National Park, Tasmania. Frontiers in Ecology and Evolution, 2016, 4, .	2.2	26
20	17,000 years of vegetation, fire and climate change in the eastern foothills of the Andes (lat. 44Â°S). Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 457, 195-208.	2.3	25
21	Postglacial vegetation and fire history of the southern Cascade Range, Oregon. Quaternary Research, 2015, 84, 348-357.	1.7	7
22	Patterns of terrestrial and limnologic development in the northern Greater Yellowstone Ecosystem (USA) during the late-glacial/early-Holocene transition. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 422, 46-56.	2.3	13
23	Complex Response of White Pines to Past Environmental Variability Increases Understanding of Future Vulnerability. PLoS ONE, 2015, 10, e0124439.	2.5	20
24	Fire responses to postglacial climate change and human impact in northern Patagonia (41â€“43Â°S). Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5545-54.	7.1	41
25	The legacy of midâ€Holocene fire on a Tasmanian montane landscape. Journal of Biogeography, 2014, 41, 476-488.	3.0	61
26	Postglacial history of the Patagonian forest/steppe ecotone (41â€“43Â°S). Quaternary Science Reviews, 2014, 94, 120-135.	3.0	47
27	Climate and vegetation change during the late-glacial/early-Holocene transition inferred from multiple proxy records from Blacktail Pond, Yellowstone National Park, USA. Quaternary Research, 2013, 79, 391-402.	1.7	29
28	A 28,000year history of vegetation and climate from Lower Red Rock Lake, Centennial Valley, Southwestern Montana, USA. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 326-328, 30-41.	2.3	21
29	Holocene seasonal variability inferred from multiple proxy records from Crevice Lake, Yellowstone National Park, USA. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 331-332, 90-103.	2.3	61
30	Climate and local controls of long-term vegetation dynamics in northern Patagonia (Lat 41Â°S). Quaternary Research, 2012, 78, 502-512.	1.7	33
31	Explaining fireâ€driven landscape transformation during the Initial Burning Period of <scp>N</scp>ew <scp>Z</scp>ealand's prehistory. Global Change Biology, 2012, 18, 1609-1621.	9.5	69
32	Last glacialâ€“interglacial environments in the southern Rocky Mountains, USA and implications for Younger Dryas-age human occupation. Quaternary Research, 2012, 77, 96-103.	1.7	30
33	Holocene forest development and maintenance on different substrates in the Klamath Mountains, northern California, USA. Ecology, 2011, 92, 590-601.	3.2	34
34	Holocene vegetation, fire and climate history of the Sawtooth Range, central Idaho, USA. Quaternary Research, 2011, 75, 114-124.	1.7	36
35	Twenty Years After the 1988 Yellowstone Fires: Lessons About Disturbance and Ecosystems. Ecosystems, 2011, 14, 1196-1215.	3.4	126
36	Rapid landscape transformation in South Island, New Zealand, following initial Polynesian settlement. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21343-21348.	7.1	226

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37	Paleoecological Perspectives on Fire Ecology: Revisiting the Fire-Regime Concept~!2009-09-02~!2009-11-09~!2010-03-05~!. Open Ecology Journal, 2010, 3, 6-23.	2.0	264
38	Holocene lake-level trends in the Rocky Mountains, U.S.A.. Quaternary Science Reviews, 2009, 28, 1861-1879.	3.0	111
39	Holocene vegetationâ€“fireâ€“climate linkages in northern Yellowstone National Park, USA. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 271, 170-181.	2.3	42
40	A 14,300-year-long record of fireâ€“vegetationâ€“climate linkages at Battle Ground Lake, southwestern Washington. Quaternary Research, 2008, 70, 251-264.	1.7	56
41	A 2650-year-long record of environmental change from northern Yellowstone National Park based on a comparison of multiple proxy data. Quaternary International, 2008, 188, 126-138.	1.5	40
42	Regional and local controls on postglacial vegetation and fire in the Siskiyou Mountains, northern California, USA. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 265, 159-169.	2.3	38
43	A 2000-year environmental history of Jackson Hole, Wyoming, inferred from lake-sediment records. Western North American Naturalist, 2008, 68, 350-364.	0.4	10
44	Long-term relations among fire, fuel, and climate in the north-western US based on lake-sediment studies. International Journal of Wildland Fire, 2008, 17, 72.	2.4	86
45	Vegetation, fire, and climate history of the northwestern Great Basin during the last 14,000 years. Quaternary Science Reviews, 2007, 26, 2167-2184.	3.0	52
46	Fire and vegetation history during the last 3800 years in northwestern Montana. Geomorphology, 2006, 75, 420-436.	2.6	46
47	Postglacial vegetation, climate, and fire history along the east side of the Andes (lat 41â€“42.5Â°S), Argentina. Quaternary Research, 2006, 66, 187-201.	1.7	132
48	Fire-fuel-climate linkages in the northwestern USA during the Holocene. Holocene, 2006, 16, 1059-1071.	1.7	128
49	Holocene fire and vegetation along environmental gradients in the Northern Rocky Mountains. Quaternary Science Reviews, 2005, 24, 2281-2300.	3.0	98
50	Understanding the Spatial Heterogeneity of Global Environmental Change in Mountain Regions. Advances in Global Change Research, 2005, , 21-30.	1.6	17
51	Postglacial Fire, Vegetation, and Climate History of the Yellowstone-Lamar and Central Plateau Provinces, Yellowstone National Park. , 2004, , 10-28.		16
52	Postglacial fire, vegetation, and climate history in the Clearwater Range, Northern Idaho, USA. Quaternary Research, 2003, 60, 307-318.	1.7	60
53	Fire and Vegetation History from the Coastal Rain Forest of the Western Oregon Coast Range. Quaternary Research, 2002, 58, 215-225.	1.7	67
54	Evidence for Millennial-Scale Climate Change During Marine Isotope Stages 2 and 3 at Little Lake, Western Oregon, U.S.A.. Quaternary Research, 2001, 56, 10-22.	1.7	33

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55	Charcoal accumulation following a recent fire in the Cascade Range, northwestern USA, and its relevance for fire-history studies. Holocene, 2001, 11, 541-549.	1.7	143
56	Simulating Historical Variability in the Amount of Old Forests in the Oregon Coast Range. Conservation Biology, 2000, 14, 167-180.	4.7	140
57	Spatial variation of modern pollen in Oregon and southern Washington, USA. Review of Palaeobotany and Palynology, 2000, 112, 97-123.	1.5	74
58	Variations in fire frequency and climate over the past 17 000 yr in central Yellowstone National Park. Geology, 2000, 28, 211.	4.4	186
59	Late-Glacial Vegetation and Climate Change in Western Oregon. Quaternary Research, 1998, 49, 287-298.	1.7	69
60	A 9000-year fire history from the Oregon Coast Range, based on a high-resolution charcoal study. Canadian Journal of Forest Research, 1998, 28, 774-787.	1.7	353
61	Vegetation and climate change in northwest America during the past 125â€‰kyr. Nature, 1997, 388, 57-61.	27.8	246
62	Future Climate in the Yellowstone National Park Region and Its Potential Impact on Vegetation. Clima Futuro en la Region del Parque Nacional de Yellowstone y su Potencial Impacto Sobre la Vegetacion. Conservation Biology, 1997, 11, 782-792.	4.7	125
63	Testing the assumptions of fire-history studies: an examination of modern charcoal accumulation in Yellowstone National Park, USA. Holocene, 1996, 6, 7-15.	1.7	343
64	Postglacial Vegetation and Climate of the Cascade Range, Central Oregon. Quaternary Research, 1995, 43, 370-381.	1.7	56
65	Stability of Holocene Climate Regimes in the Yellowstone Region. Quaternary Research, 1995, 43, 433-436.	1.7	34
66	Spatial Variations of Holocene Climatic Change in the Yellowstone Region. Quaternary Research, 1993, 39, 231-238.	1.7	177
67	Paleoclimatic interpretation of the Elk Lake pollen record. Special Paper of the Geological Society of America, 1993, , 275-294.	0.5	86
68	Postglacial Vegetation and Climate of Grand Teton and Southern Yellowstone National Parks. Ecological Monographs, 1993, 63, 173-198.	5.4	174
69	Paleoecological Troves: Packrat Middens . The Last 40,000 Years of Biotic Change. Julio L. Betancourt, Thomas R. Van Devender, and Paul S. Martin, Eds. University of Arizona Press, Tucson, 1990. viii, 469 pp., illus. $55. Science, 1990, 250, 1021-1022.	12.6	0