

Patrick Bartlein

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1272405/publications.pdf>

Version: 2024-02-01

165
papers

22,636
citations

6254

80
h-index

8866

145
g-index

187
all docs

187
docs citations

187
times ranked

16749
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of climate models using palaeoclimatic data. <i>Nature Climate Change</i> , 2012, 2, 417-424.	18.8	779
2	Holocene thermal maximum in the western Arctic (0°–180°W). <i>Quaternary Science Reviews</i> , 2004, 23, 529-560.	3.0	720
3	Climate and human influences on global biomass burning over the past two millennia. <i>Nature Geoscience</i> , 2008, 1, 697-702.	12.9	686
4	Changes in fire regimes since the Last Glacial Maximum: an assessment based on a global synthesis and analysis of charcoal data. <i>Climate Dynamics</i> , 2008, 30, 887-907.	3.8	590
5	Pollen-based continental climate reconstructions at 6 and 21 ka: a global synthesis. <i>Climate Dynamics</i> , 2011, 37, 775-802.	3.8	536
6	Terrestrial biogeochemical feedbacks in the climate system. <i>Nature Geoscience</i> , 2010, 3, 525-532.	12.9	486
7	Paleoclimate simulations for North America over the past 21,000 years. <i>Quaternary Science Reviews</i> , 1998, 17, 549-585.	3.0	466
8	LATE-QUATERNARY VEGETATION DYNAMICS IN NORTH AMERICA: SCALING FROM TAXA TO BIOMES. <i>Ecological Monographs</i> , 2004, 74, 309-334.	5.4	465
9	Global Changes During the Last 3 Million Years: Climatic Controls and Biotic Responses. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 1992, 23, 141-173.	6.7	441
10	Climate change and Arctic ecosystems: 2. Modeling, paleodata-model comparisons, and future projections. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	429
11	Long-term perspective on wildfires in the western USA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E535-43.	7.1	425
12	Global climate evolution during the last deglaciation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1134-42.	7.1	422
13	Development and Disintegration of Maya Political Systems in Response to Climate Change. <i>Science</i> , 2012, 338, 788-791.	12.6	421
14	Vegetation and Climate Change in Eastern North America Since the Last Glacial Maximum. <i>Ecology</i> , 1991, 72, 2038-2056.	3.2	386
15	Monsoon changes for 6000 years ago: Results of 18 simulations from the Paleoclimate Modeling Intercomparison Project (PMIP). <i>Geophysical Research Letters</i> , 1999, 26, 859-862.	4.0	374
16	Global Change in Forests: Responses of Species, Communities, and Biomes. <i>BioScience</i> , 2001, 51, 765.	4.9	371
17	Climate refugia: joint inference from fossil records, species distribution models and phylogeography. <i>New Phytologist</i> , 2014, 204, 37-54.	7.3	361
18	A 9000-year fire history from the Oregon Coast Range, based on a high-resolution charcoal study. <i>Canadian Journal of Forest Research</i> , 1998, 28, 774-787.	1.7	353

#	ARTICLE	IF	CITATIONS
19	Wildfire responses to abrupt climate change in North America. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2519-2524.	7.1	352
20	Projected climate-induced faunal change in the Western Hemisphere. <i>Ecology</i> , 2009, 90, 588-597.	3.2	349
21	Tropical climates at the Last Glacial Maximum: a new synthesis of terrestrial palaeoclimate data. I. Vegetation, lake-levels and geochemistry. <i>Climate Dynamics</i> , 1999, 15, 823-856.	3.8	300
22	Climatic Response Surfaces from Pollen Data for Some Eastern North American Taxa. <i>Journal of Biogeography</i> , 1986, 13, 35.	3.0	298
23	Global biomass burning: a synthesis and review of Holocene paleofire records and their controls. <i>Quaternary Science Reviews</i> , 2013, 65, 5-25.	3.0	297
24	Climatic Control of the Distribution and Abundance of Beech (<i>Fagus L.</i>) in Europe and North America. <i>Journal of Biogeography</i> , 1989, 16, 551.	3.0	291
25	Peak detection in sediment - charcoal records: impacts of alternative data analysis methods on fire-history interpretations. <i>International Journal of Wildland Fire</i> , 2010, 19, 996.	2.4	283
26	Improving assessment and modelling of climate change impacts on global terrestrial biodiversity. <i>Trends in Ecology and Evolution</i> , 2011, 26, 249-259.	8.7	268
27	Climate change and Arctic ecosystems: 1. Vegetation changes north of 55°N between the last glacial maximum, mid-Holocene, and present. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	261
28	Holocene Climatic Change in the Northern Midwest: Pollen-Derived Estimates. <i>Quaternary Research</i> , 1984, 22, 361-374.	1.7	255
29	Reconciling divergent trends and millennial variations in Holocene temperatures. <i>Nature</i> , 2018, 554, 92-96.	27.8	251
30	Late Quaternary fire regimes of Australasia. <i>Quaternary Science Reviews</i> , 2011, 30, 28-46.	3.0	249
31	Vegetation and climate change in northwest America during the past 125 kyr. <i>Nature</i> , 1997, 388, 57-61.	27.8	246
32	Global vegetation and terrestrial carbon cycle changes after the last ice age. <i>New Phytologist</i> , 2011, 189, 988-998.	7.3	245
33	Modern pollen data from North America and Greenland for multi-scale paleoenvironmental applications. <i>Quaternary Science Reviews</i> , 2005, 24, 1828-1848.	3.0	225
34	Climate Sensitivity Estimated from Temperature Reconstructions of the Last Glacial Maximum. <i>Science</i> , 2011, 334, 1385-1388.	12.6	212
35	Potential Magnitude of Future Vegetation Change in Eastern North America: Comparisons with the Past. <i>Science</i> , 1991, 254, 692-695.	12.6	209
36	Predictability of biomass burning in response to climate changes. <i>Global Biogeochemical Cycles</i> , 2012, 26, .	4.9	201

#	ARTICLE	IF	CITATIONS
37	Evaluation of CMIP5 palaeo-simulations to improve climate projections. <i>Nature Climate Change</i> , 2015, 5, 735-743.	18.8	198
38	Using palaeo-climate comparisons to constrain future projections in CMIP5. <i>Climate of the Past</i> , 2014, 10, 221-250.	3.4	193
39	Variations in fire frequency and climate over the past 17 000 yr in central Yellowstone National Park. <i>Geology</i> , 2000, 28, 211.	4.4	186
40	Potential Changes in the Distributions of Western North America Tree and Shrub Taxa under Future Climate Scenarios. <i>Ecosystems</i> , 2001, 4, 200-215.	3.4	178
41	Spatial Variations of Holocene Climatic Change in the Yellowstone Region. <i>Quaternary Research</i> , 1993, 39, 231-238.	1.7	177
42	Mid-Holocene climates of the Americas: a dynamical response to changed seasonality. <i>Climate Dynamics</i> , 2003, 20, 663-688.	3.8	172
43	Climate model benchmarking with glacial and mid-Holocene climates. <i>Climate Dynamics</i> , 2014, 43, 671-688.	3.8	172
44	The PMIP4 contribution to CMIP6 – Part 2: Two interglacials, scientific objective and experimental design for Holocene and Last Interglacial simulations. <i>Geoscientific Model Development</i> , 2017, 10, 3979-4003.	3.6	171
45	Lake-Atmosphere Feedbacks Associated with Paleolakes Bonneville and Lahontan. <i>Science</i> , 1994, 263, 665-668.	12.6	169
46	The PMIP4 contribution to CMIP6 – Part 1: Overview and over-arching analysis plan. <i>Geoscientific Model Development</i> , 2018, 11, 1033-1057.	3.6	164
47	Modelling Global Vegetation Patterns and Terrestrial Carbon Storage at the Last Glacial Maximum. <i>Global Ecology and Biogeography Letters</i> , 1993, 3, 67.	0.6	162
48	Global Climates since the Last Glacial Maximum. <i>Geographical Review</i> , 1995, 85, 247.	1.8	161
49	Climatic controls of Holocene fire patterns in southern South America. <i>Quaternary Research</i> , 2007, 68, 28-36.	1.7	160
50	Modeling fire and the terrestrial carbon balance. <i>Global Biogeochemical Cycles</i> , 2011, 25, n/a-n/a.	4.9	152
51	Simulation of lake evaporation with application to modeling lake-level variations at Harney-Malheur Lake, Oregon. <i>Water Resources Research</i> , 1990, 26, 2603-2612.	4.2	147
52	Parallel climate and vegetation responses to the early Holocene collapse of the Laurentide Ice Sheet. <i>Quaternary Science Reviews</i> , 2002, 21, 1793-1805.	3.0	146
53	Fire history and the Global Charcoal Database: A new tool for hypothesis testing and data exploration. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 291, 52-59.	2.3	144
54	Forest fire and climate change in western North America: insights from sediment charcoal records. <i>Frontiers in Ecology and the Environment</i> , 2007, 5, 499-506.	4.0	143

#	ARTICLE	IF	CITATIONS
55	The anatomy of a climatic oscillation: vegetation change in eastern North America during the Younger Dryas chronozone. <i>Quaternary Science Reviews</i> , 2002, 21, 1777-1791.	3.0	142
56	Reconstructions of biomass burning from sediment-charcoal records to improve data-model comparisons. <i>Biogeosciences</i> , 2016, 13, 3225-3244.	3.3	142
57	The PMIP4 contribution to CMIP6 - Part 4: Scientific objectives and experimental design of the PMIP4-CMIP6 Last Glacial Maximum experiments and PMIP4 sensitivity experiments. <i>Geoscientific Model Development</i> , 2017, 10, 4035-4055.	3.6	137
58	The end of the rainbow? Color schemes for improved data graphics. <i>Eos</i> , 2004, 85, 385.	0.1	135
59	The performance of models relating species geographical distributions to climate is independent of trophic level. <i>Ecology Letters</i> , 2004, 7, 417-426.	6.4	134
60	Postglacial vegetation, climate, and fire history along the east side of the Andes (lat 41°-42.5°S), Argentina. <i>Quaternary Research</i> , 2006, 66, 187-201.	1.7	132
61	Fire regimes during the Last Glacial. <i>Quaternary Science Reviews</i> , 2010, 29, 2918-2930.	3.0	132
62	Fire-fuel-climate linkages in the northwestern USA during the Holocene. <i>Holocene</i> , 2006, 16, 1059-1071.	1.7	128
63	Modern Analogues of Late-Quaternary Pollen Spectra from the Western Interior of North America. <i>Journal of Biogeography</i> , 1989, 16, 573.	3.0	126
64	Simulation of lake evaporation with application to modeling lake level variations of Harney-Malheur Lake, Oregon. <i>Water Resources Research</i> , 1990, 26, 2603-2612.	4.2	125
65	Future Climate in the Yellowstone National Park Region and Its Potential Impact on Vegetation. <i>Clima Futuro en la Region del Parque Nacional de Yellowstone y su Potencial Impacto Sobre la Vegetacion. Conservation Biology</i> , 1997, 11, 782-792.	4.7	125
66	Potential analogues for paleoclimatic variations in eastern interior Alaska during the past 14,000yr: atmospheric-circulation controls of regional temperature and moisture responses. <i>Quaternary Science Reviews</i> , 2001, 20, 189-202.	3.0	113
67	paleofire: An R package to analyse sedimentary charcoal records from the Global Charcoal Database to reconstruct past biomass burning. <i>Computers and Geosciences</i> , 2014, 72, 255-261.	4.2	113
68	Atmospheric circulation patterns and spatial climatic variations in Beringia. <i>International Journal of Climatology</i> , 1998, 18, 1085-1104.	3.5	111
69	Vegetation-Pollen-Climate Relationships for the Arcto-Boreal Region of North America and Greenland. <i>Journal of Biogeography</i> , 1991, 18, 565.	3.0	104
70	Rapid responses of the prairie-forest ecotone to early Holocene aridity in mid-continental North America. <i>Global and Planetary Change</i> , 2009, 66, 195-207.	3.5	102
71	Holocene fire and vegetation along environmental gradients in the Northern Rocky Mountains. <i>Quaternary Science Reviews</i> , 2005, 24, 2281-2300.	3.0	98
72	Late quaternary climate change in eastern North America. <i>Quaternary Science Reviews</i> , 1998, 17, 587-606.	3.0	95

#	ARTICLE	IF	CITATIONS
73	Influence of insolation and glaciation on atmospheric circulation in the North Atlantic sector: Implications of general circulation model experiments for the Late Quaternary climatology of Europe. <i>Quaternary Science Reviews</i> , 1992, 11, 283-299.	3.0	89
74	Rapid, time-transgressive, and variable responses to early Holocene midcontinental drying in North America. <i>Geology</i> , 2010, 38, 135-138.	4.4	89
75	The northwestern U.S. during deglaciation; Vegetational history and paleoclimatic implications. , 0, , 289-321.		89
76	Calibration of Radiocarbon Ages and the Interpretation of Paleoenvironmental Records. <i>Quaternary Research</i> , 1995, 44, 417-424.	1.7	88
77	Paleoclimatic interpretation of the Elk Lake pollen record. <i>Special Paper of the Geological Society of America</i> , 1993, , 275-294.	0.5	86
78	Atmospheric transmission of North Atlantic Heinrich events. <i>Journal of Geophysical Research</i> , 1999, 104, 3947-3952.	3.3	86
79	Long-term relations among fire, fuel, and climate in the north-western US based on lake-sediment studies. <i>International Journal of Wildland Fire</i> , 2008, 17, 72.	2.4	86
80	Correlation of late Pleistocene glaciation in the western United States with North Atlantic Heinrich events. <i>Geology</i> , 1995, 23, 483.	4.4	84
81	Summer aridity in the United States: Response to mid-Holocene changes in insolation and sea surface temperature. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	84
82	Climatic control of the biomass-burning decline in the Americas after <sc>ad</sc> 1500. <i>Holocene</i> , 2013, 23, 3-13.	1.7	83
83	Simulated influences of Lake Agassiz on the climate of central North America 11,000 years ago. <i>Nature</i> , 2000, 405, 334-337.	27.8	81
84	The magnitudes of millennial- and orbital-scale climatic change in eastern North America during the Late Quaternary. <i>Quaternary Science Reviews</i> , 2005, 24, 2194-2206.	3.0	81
85	Relationships between plant traits and climate in the Mediterranean region: A pollen data analysis. <i>Journal of Vegetation Science</i> , 2004, 15, 635-646.	2.2	80
86	Postglacial vegetation, fire, and climate history of the Siskiyou Mountains, Oregon, USA. <i>Quaternary Research</i> , 2005, 64, 44-56.	1.7	80
87	Orbital variations, climate and paleoecology. <i>Trends in Ecology and Evolution</i> , 1989, 4, 195-199.	8.7	74
88	A framework for interpreting paleoclimatic variations in Eastern Beringia. <i>Quaternary International</i> , 1991, 10-12, 73-83.	1.5	72
89	Frost for the trees: Did climate increase erosion in unglaciated landscapes during the late Pleistocene?. <i>Science Advances</i> , 2015, 1, e1500715.	10.3	70
90	Past and future climate change: response by mixed deciduous"coniferous forest ecosystems in northern Michigan. <i>Canadian Journal of Forest Research</i> , 1992, 22, 1727-1738.	1.7	69

#	ARTICLE	IF	CITATIONS
91	Late Quaternary History of Tundra Vegetation in Northwestern Alaska. <i>Quaternary Research</i> , 1994, 41, 306-315.	1.7	63
92	Some mechanisms of mid-Holocene climate change in Europe, inferred from comparing PMIP models to data. <i>Climate Dynamics</i> , 2004, 23, 79-98.	3.8	62
93	Environmental history and tephrostratigraphy at Carp Lake, southwestern Columbia Basin, Washington, USA. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000, 155, 7-29.	2.3	56
94	A 14,300-year-long record of fire-vegetation-climate linkages at Battle Ground Lake, southwestern Washington. <i>Quaternary Research</i> , 2008, 70, 251-264.	1.7	56
95	Paleo calendar-effect adjustments in time-slice and transient climate-model simulations (PaleoCalAdjust v1.0): impact and strategies for data analysis. <i>Geoscientific Model Development</i> , 2019, 12, 3889-3913.	3.6	55
96	Spatial Variability of Late-Quaternary Paleoclimates in the Western United States. <i>Quaternary Research</i> , 1995, 44, 425-433.	1.7	52
97	Comparison of charcoal and tree-ring records of recent fires in the eastern Klamath Mountains, California, USA. <i>Canadian Journal of Forest Research</i> , 2004, 34, 2110-2121.	1.7	52
98	Vegetation, fire, and climate history of the northwestern Great Basin during the last 14,000 years. <i>Quaternary Science Reviews</i> , 2007, 26, 2167-2184.	3.0	52
99	Temporal and spatial structure in a daily wildfire-start data set from the western United States (1986 -) Tj ETQq1 1 0.784314 rgBT /Ov	2.4	52
100	Climatic change in eastern North America during the past 18,000 years; Comparisons of pollen data with model results. <i>Quaternary Science Reviews</i> , 2007, 26, 447-462.		52
101	Postglacial fire, vegetation, and climate history across an elevational gradient in the Northern Rocky Mountains, USA and Canada. <i>Quaternary Science Reviews</i> , 2011, 30, 2520-2533.	3.0	51
102	Precipitation scaling with temperature in warm and cold climates: An analysis of CMIP5 simulations. <i>Geophysical Research Letters</i> , 2013, 40, 4018-4024.	4.0	51
103	What have we learnt from palaeoclimate simulations?. <i>Journal of Quaternary Science</i> , 2016, 31, 363-385.	2.1	51
104	A 9000-year fire history from the Oregon Coast Range, based on a high-resolution charcoal study. <i>Canadian Journal of Forest Research</i> , 1998, 28, 774-787.	1.7	51
105	Quantitative estimation of climatic parameters from vegetation data in North America by the mutual climatic range technique. <i>Quaternary Science Reviews</i> , 2012, 51, 18-39.	3.0	49
106	Influence of Basin-Scale Physical Variables on Life History Characteristics of Cutthroat Trout in Yellowstone Lake. <i>North American Journal of Fisheries Management</i> , 1997, 17, 1046-1064.	1.0	46
107	Fire and vegetation history during the last 3800 years in northwestern Montana. <i>Geomorphology</i> , 2006, 75, 420-436.	2.6	46
108	Associations among modern pollen, vegetation, and climate in western North America. <i>Quaternary Science Reviews</i> , 2008, 27, 1962-1991.	3.0	46

#	ARTICLE	IF	CITATIONS
109	Holocene vegetation and fire history of the Coast Range, western Oregon, USA. <i>Holocene</i> , 2007, 17, 917-926.	1.7	42
110	Vegetation history of Elk Lake. <i>Special Paper of the Geological Society of America</i> , 1993, , 251-274.	0.5	40
111	Regional and local controls on postglacial vegetation and fire in the Siskiyou Mountains, northern California, USA. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 265, 159-169.	2.3	38
112	Consistent large-scale temperature responses in warm and cold climates. <i>Geophysical Research Letters</i> , 2013, 40, 1817-1823.	4.0	38
113	Stability of Holocene Climate Regimes in the Yellowstone Region. <i>Quaternary Research</i> , 1995, 43, 433-436.	1.7	34
114	1200 years of fire and vegetation history in the Willamette Valley, Oregon and Washington, reconstructed using high-resolution macroscopic charcoal and pollen analysis. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 297, 273-289.	2.3	34
115	Synoptic and dynamic climate controls of North American mid-continental aridity. <i>Quaternary Science Reviews</i> , 2006, 25, 1401-1417.	3.0	32
116	An 11,000-year-long record of fire and vegetation history at Beaver Lake, Oregon, central Willamette Valley. <i>Quaternary Science Reviews</i> , 2010, 29, 1093-1106.	3.0	31
117	Topographic, Bioclimatic, and Vegetation Characteristics of Three Ecoregion Classification Systems in North America: Comparisons Along Continent-wide Transects. <i>Environmental Management</i> , 2004, 34, S125-S148.	2.7	30
118	Spatial variations of effective moisture in the western United States. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	29
119	Projected Future Vegetation Changes for the Northwest United States and Southwest Canada at a Fine Spatial Resolution Using a Dynamic Global Vegetation Model. <i>PLoS ONE</i> , 2015, 10, e0138759.	2.5	29
120	Climatic history of the northeastern United States during the past 3000 years. <i>Climate of the Past</i> , 2017, 13, 1355-1379.	3.4	29
121	Streamflow anomaly patterns in the U.S.A. and southern Canada â€” 1951â€“1970. <i>Journal of Hydrology</i> , 1982, 57, 49-63.	5.4	28
122	Holocene fire activity as a record of past environmental change. <i>Developments in Quaternary Sciences</i> , 2003, , 479-490.	0.1	28
123	The Midlatitudes of North and South America During the Last Glacial Maximum and Early Holocene. , 2001, , 391-416.		24
124	The biomass burning contribution to climateâ€™s carbon-cycle feedback. <i>Earth System Dynamics</i> , 2018, 9, 663-677.	7.1	24
125	Simulating the climatic effects on vegetation: approaches, issues and challenges. <i>Progress in Physical Geography</i> , 2008, 32, 543-556.	3.2	23
126	Extraordinary Biomass-Burning Episode and Impact Winter Triggered by the Younger Dryas Cosmic Impact ~12,800 Years Ago, Parts 1 and 2: A Discussion. <i>Journal of Geology</i> , 2020, 128, 69-94.	1.4	23

#	ARTICLE	IF	CITATIONS
127	Variations in fire frequency and climate over the past 17 000 yr in central Yellowstone National Park. <i>Geology</i> , 2000, 28, 211-214.	4.4	23
128	Vegetation sensitivity to global anthropogenic carbon dioxide emissions in a topographically complex region. <i>Global Biogeochemical Cycles</i> , 2003, 17, n/a-n/a.	4.9	22
129	Quantitative estimation of bioclimatic parameters from presence/absence vegetation data in North America by the modern analog technique. <i>Quaternary Science Reviews</i> , 2008, 27, 1234-1254.	3.0	22
130	The effects of fire and tephra deposition on forest vegetation in the Central Cascades, Oregon. <i>Quaternary Research</i> , 2011, 75, 151-158.	1.7	22
131	Do Low CO ₂ Concentrations Affect Pollen-Based Reconstructions of LGM Climates? A Response to the Physiological Significance of Low Atmospheric CO ₂ for Plant-Climate Interactions by Cowling and Sykes. <i>Quaternary Research</i> , 2000, 53, 402-404.	1.7	20
132	Hydrologic modeling using elevationally adjusted NARR and NARCCAP regional climate-model simulations: Tucannon River, Washington. <i>Journal of Hydrology</i> , 2014, 517, 803-814.	5.4	20
133	North American paleoclimate reconstructions for the Last Glacial Maximum using an inverse modeling through iterative forward modeling approach applied to pollen data. <i>Geophysical Research Letters</i> , 2016, 43, 10,965.	4.0	20
134	Simulation of the potential responses of regional climate and surface processes in western North America to a canonical Heinrich event. <i>Geophysical Monograph Series</i> , 1999, , 313-327.	0.1	19
135	Extensive Frost Weathering Across Unglaciated North America During the Last Glacial Maximum. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090305.	4.0	19
136	Underlying causes of Eurasian midcontinental aridity in simulations of mid-Holocene climate. <i>Geophysical Research Letters</i> , 2017, 44, 9020-9028.	4.0	18
137	Understanding the Spatial Heterogeneity of Global Environmental Change in Mountain Regions. <i>Advances in Global Change Research</i> , 2005, , 21-30.	1.6	17
138	Effects of experimental protocol on global vegetation model accuracy: A comparison of simulated and observed vegetation patterns for Asia. <i>Ecological Modelling</i> , 2009, 220, 1481-1491.	2.5	17
139	Early-Holocene warming in Beringia and its mediation by sea-level and vegetation changes. <i>Climate of the Past</i> , 2015, 11, 1197-1222.	3.4	16
140	Postglacial Fire, Vegetation, and Climate History of the Yellowstone-Lamar and Central Plateau Provinces, Yellowstone National Park. , 2004, , 10-28.		16
141	Visualizing the Large-Scale Patterns of ENSO-Related Climate Anomalies in North America. <i>Earth Interactions</i> , 2009, 13, 1-50.	1.5	15
142	A 1,500-year synthesis of wildfire activity stratified by elevation from the U.S. Rocky Mountains. <i>Quaternary International</i> , 2018, 488, 107-119.	1.5	15
143	Energy-balance mechanisms underlying consistent large-scale temperature responses in warm and cold climates. <i>Climate Dynamics</i> , 2015, 44, 3111-3127.	3.8	14
144	A Comparison of the CMIP6 midHolocene and lig127k Simulations in CESM2. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003957.	2.9	14

#	ARTICLE	IF	CITATIONS
145	Atmospheric and Surface Climate Associated With 1986–2013 Wildfires in North America. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 1588-1609.	3.0	13
146	Paleoclimate. <i>Regional Climate Studies</i> , 2014, , 1-51.	1.2	13
147	Evaluation of biospheric components in Earth system models using modern and palaeo-observations: the state-of-the-art. <i>Biogeosciences</i> , 2013, 10, 8305-8328.	3.3	11
148	Past environmental changes: Characteristic features of Quaternary climate variations. , 1997, , 11-29.		11
149	An assessment of the influence of land cover uncertainties on the simulation of global climate in the early Holocene. <i>Climate Dynamics</i> , 2003, 21, 243-256.	3.8	10
150	Response to “Comments on: “The magnitude of millennial- and orbital-scale climatic change in eastern North America during the Late-Quaternary” by Shuman et al.”. <i>Quaternary Science Reviews</i> , 2007, 26, 268-273.	3.0	9
151	Modeling postglacial vegetation dynamics of temperate forests on the Olympic Peninsula (WA, USA) with special regard to snowpack. <i>Climatic Change</i> , 2016, 137, 379-394.	3.6	8
152	Retreat and Regrowth of the Greenland Ice Sheet During the Last Interglacial as Simulated by the CESM2–CISM2 Coupled Climate–Ice Sheet Model. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, .	2.9	7
153	Modifying a dynamic global vegetation model for simulating large spatial scale land surface water balances. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 2547-2565.	4.9	6
154	A 7600 yr vegetation and fire history from Anthony Lake, northeastern Oregon, USA, with linkages to modern synoptic climate patterns. <i>Quaternary Research</i> , 2019, 91, 705-713.	1.7	6
155	Vegetation and Climate Change in Eastern North America Since the Last Glacial Maximum. <i>Ecology</i> , 1993, 74, 998-998.	3.2	5
156	Response to Comment on “Climate Sensitivity Estimated from Temperature Reconstructions of the Last Glacial Maximum”. <i>Science</i> , 2012, 337, 1294-1294.	12.6	5
157	Charting Time. <i>Annals of the American Association of Geographers</i> , 2017, 107, 28-32.	2.2	5
158	Incomplete Bayesian model rejects contradictory radiocarbon data for being contradictory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6722.	7.1	4
159	Long-Term Environmental Change. , 1995, , 327-370.		4
160	Modeling paleoclimates. <i>Developments in Quaternary Sciences</i> , 2003, 1, 565-584.	0.1	3
161	Paleoecological changes at Lake Cuitzeo were not consistent with an extraterrestrial impact. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E2243-E2243.	7.1	2
162	Assessing the uncertainties in climatic estimates based on vegetation assemblages: Examples from modern vegetation assemblages in the American Southwest. <i>Quaternary Science Reviews</i> , 2021, 262, 106880.	3.0	2

#	ARTICLE	IF	CITATIONS
163	Forest fire and climate change in western North America: insights from sediment charcoal records. <i>Frontiers in Ecology and the Environment</i> , 2007, 5, 499-506.	4.0	1
164	Long-Term Environmental Change. , 1995, , 327-370.		1
165	Comment on climate variability by s.f. singer. <i>Eos</i> , 1998, 79, 188-188.	0.1	0