

Jeffrey S Pigati

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,754
citations

331670

21
h-index

276875

41
g-index

58
all docs

58
docs citations

58
times ranked

1967
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiocarbon dating of small terrestrial gastropod shells in North America. <i>Quaternary Geochronology</i> , 2010, 5, 519-532.	1.4	155
2	Paleoclimatic variations in West Africa from a record of late Pleistocene and Holocene lake level stands of Lake Bosumtwi, Ghana. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 242, 287-302.	2.3	130
3	Geomagnetic effects on time-integrated cosmogenic nuclide production with emphasis on in situ ¹⁴ C and ¹⁰ Be. <i>Earth and Planetary Science Letters</i> , 2004, 226, 193-205.	4.4	120
4	Radiocarbon dating of minute gastropods and new constraints on the timing of late Quaternary spring-discharge deposits in southern Arizona, USA. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 204, 33-45.	2.3	111
5	Evidence of humans in North America during the Last Glacial Maximum. <i>Science</i> , 2021, 373, 1528-1531.	12.6	111
6	Development of low-background vacuum extraction and graphitization systems for ¹⁴ C dating of old (40–60 ka) samples. <i>Quaternary International</i> , 2007, 166, 4-14.	1.5	100
7	Paleolimnological evidence for the onset and termination of glacial aridity from Lake Tanganyika, Tropical East Africa. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 252, 405-423.	2.3	91
8	Radiocarbon dating late Quaternary loess deposits using small terrestrial gastropod shells. <i>Quaternary Science Reviews</i> , 2013, 76, 114-128.	3.0	82
9	Isotopic variability in the aragonite shells of freshwater gastropods living in springs with nearly constant temperature and isotopic composition. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 3949-3966.	3.9	78
10	Re-evaluation of mid-Holocene deposits at Quebrada Puripica, northern Chile. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 194, 207-222.	2.3	70
11	Desert wetlands in the geologic record. <i>Earth-Science Reviews</i> , 2014, 132, 67-81.	9.1	64
12	Late Pleistocene paleohydrology near the boundary of the Sonoran and Chihuahuan Deserts, southeastern Arizona, USA. <i>Quaternary Science Reviews</i> , 2009, 28, 286-300.	3.0	60
13	Reconstructing cave bear paleoecology from skeletons: a cross-disciplinary study of middle Pleistocene bears from Yarımburgaz Cave, Turkey. <i>Paleobiology</i> , 1998, 24, 74-98.	2.0	55
14	Dynamic response of desert wetlands to abrupt climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14522-14526.	7.1	40
15	Accumulation of impact markers in desert wetlands and implications for the Younger Dryas impact hypothesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7208-7212.	7.1	38
16	Early Upper Paleolithic chronology in the Levant: new ABOx-SC accelerator mass spectrometry results from the Mughr el-Hamamah Site, Jordan. <i>Journal of Human Evolution</i> , 2015, 85, 157-173.	2.6	38
17	Radiocarbon dating loess deposits in the Mississippi Valley using terrestrial gastropod shells (Polygyridae, Helicinidae, and Discidae). <i>Aeolian Research</i> , 2015, 16, 25-33.	2.7	34
18	A geochronologic framework for the Ziegler Reservoir fossil site, Snowmass Village, Colorado. <i>Quaternary Research</i> , 2014, 82, 490-503.	1.7	31

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19	Late Quaternary sedimentological and climate changes at Lake Bosumtwi Ghana: New constraints from laminae analysis and radiocarbon age modeling. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 361-362, 49-60.	2.3	30
20	Assessing Open-System Behavior of ¹⁴ C in Terrestrial Gastropod Shells. <i>Radiocarbon</i> , 2011, 53, 325-335.	1.8	28
21	A Simplified <i>In Situ</i> Cosmogenic ¹⁴ C Extraction System. <i>Radiocarbon</i> , 2010, 52, 1236-1243.	1.8	22
22	Overview of the oxygen isotope systematics of land snails from North America. <i>Quaternary Research</i> , 2019, 91, 329-344.	1.7	21
23	Geologic setting and stratigraphy of the Ziegler Reservoir fossil site, Snowmass Village, Colorado. <i>Quaternary Research</i> , 2014, 82, 477-489.	1.7	20
24	On Correcting ¹⁴ C Ages of Gastropod Shell Carbonate for Fractionation. <i>Radiocarbon</i> , 2002, 44, 755-760.	1.8	19
25	<i>Summary of the Snowmastodon Project Special Volume</i> A high-elevation, multi-proxy biotic and environmental record of MIS 4 from the Ziegler Reservoir fossil site, Snowmass Village, Colorado, USA. <i>Quaternary Research</i> , 2014, 82, 618-634.	1.7	16
26	Fluvial system response to late Pleistocene-Holocene sea-level change on Santa Rosa Island, Channel Islands National Park, California. <i>Geomorphology</i> , 2016, 268, 322-340.	2.6	16
27	Radiocarbon ages of terrestrial gastropods extend duration of ice-free conditions at the Two Creeks forest bed, Wisconsin, USA. <i>Quaternary Research</i> , 2012, 77, 289-292.	1.7	15
28	Ages and inferred causes of Late Pleistocene glaciations on Mauna Kea, Hawai'i. <i>Journal of Quaternary Science</i> , 2008, 23, 683-702.	2.1	14
29	Origin of last-glacial loess in the western Yukon-Tanana Upland, central Alaska, USA. <i>Quaternary Research</i> , 2018, 89, 797-819.	1.7	14
30	An evaluation of Mesodon and other larger terrestrial gastropod shells for dating late Holocene and historic alluvium in the Midwestern USA. <i>Geomorphology</i> , 2013, 193, 47-56.	2.6	13
31	Oxygen stable isotopic disparities among sympatric small land snail species from northwest Minnesota, USA. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 485, 715-722.	2.3	12
32	Quaternary sea-level history and the origin of the northernmost coastal aeolianites in the Americas: Channel Islands National Park, California, USA. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 491, 38-76.	2.3	12
33	Desert wetlands record hydrologic variability within the Younger Dryas chronozone, Mojave Desert, USA. <i>Quaternary Research</i> , 2019, 91, 51-62.	1.7	11
34	Introduction to the Snowmastodon Project Special Volume The Snowmastodon Project. <i>Quaternary Research</i> , 2014, 82, 473-476.	1.7	7
35	Evidence of Repeated Wildfires Prior to Human Occupation on San Nicolas Island, California. <i>Monographs of the Western North American Naturalist</i> , 2014, 7, 35-47.	0.7	7
36	Pliocene-Pleistocene Water Bodies and Associated Deposits in Southern Israel and Southern Jordan. , 0, , 127-134.		7

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37	Examining the relationship between portable luminescence reader measurements and depositional ages of paleowetland sediments, Las Vegas Valley, Nevada. <i>Quaternary Geochronology</i> , 2018, 48, 80-90.	1.4	7
38	Response to Comment on "Evidence of humans in North America during the Last Glacial Maximum". <i>Science</i> , 2022, 375, eabm6987.	12.6	7
39	Reply to "Evidence for Humans at White Sands National Park during the Last Glacial Maximum Could Actually be for Clovis People ~13,000 Years Ago" by C. Vance Haynes, Jr.. <i>PaleoAmerica</i> , 2022, 8, 99-101.	1.5	7
40	Climatically driven displacement on the Eglington fault, Las Vegas, Nevada, USA. <i>Geology</i> , 2020, 48, 574-578.	4.4	6
41	Extraction of In Situ Cosmogenic ¹⁴ C from Olivine. <i>Radiocarbon</i> , 2010, 52, 1244-1260.	1.8	5
42	Oxygen isotopes in terrestrial gastropod shells track Quaternary climate change in the American Southwest. <i>Quaternary Research</i> , 2021, 104, 43-53.	1.7	5
43	Hydroclimate response of spring ecosystems to a two-stage Younger Dryas event in western North America. <i>Scientific Reports</i> , 2022, 12, 7323.	3.3	4
44	Activation of a small ephemeral lake in southern Jordan during the last full glacial period and its paleoclimatic implications. <i>Quaternary Research</i> , 2017, 88, 98-109.	1.7	3
45	On the importance of stratigraphic control for vertebrate fossil sites in Channel Islands National Park, California, USA: Examples from new <i>Mammuthus</i> finds on San Miguel Island. <i>Quaternary International</i> , 2017, 443, 129-139.	1.5	3
46	Oxygen isotopes of land snail shells in high latitude regions. <i>Quaternary Science Reviews</i> , 2022, 279, 107382.	3.0	3
47	Aeolian sediments in paleowetland deposits of the Las Vegas Formation. <i>Quaternary Research</i> , 0, , 1-13.	1.7	2
48	Radiocarbon Dating of Terrestrial Carbonates. <i>Encyclopedia of Earth Sciences Series</i> , 2015, , 680-685.	0.1	2
49	THE LAS VEGAS FORMATION. , 2018, , .		1
50	Reply to the discussion of Pinter et al. on "Fluvial system response to late Pleistocene-Holocene sea-level change on Santa Rosa Island, Channel Islands National Park, California" by Schumann et al. (2016). <i>Geomorphology</i> , 2018, 301, 144-146.	2.6	0
51	Fluvial sedimentary history of Arlington Canyon, Channel Islands National Park, California. <i>Journal of Quaternary Science</i> , 2019, 34, 499-508.	2.1	0
52	Evidence of glacial activity during MIS 4 in the Rocky Mountains, Colorado, USA. <i>Arctic, Antarctic, and Alpine Research</i> , 2021, 53, 252-268.	1.1	0