

# Yusuke Yokoyama

## List of Publications by Year in descending order

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106  
papers

3,676  
citations

147801

31  
h-index

144013

57  
g-index

112  
all docs

112  
docs citations

112  
times ranked

3981  
citing authors

#	ARTICLE	IF	CITATIONS
1	Holocene melting of the West Antarctic Ice Sheet driven by tropical Pacific warming. <i>Nature Communications</i> , 2022, 13, .	12.8	8
2	Initial measurement of beryllium <sup>9</sup> using high-resolution inductively coupled plasma mass spectrometry allows for more precise applications of the beryllium isotope system within the Earth Sciences. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9059.	1.5	3
3	Beryllium isotopes in sediments from Lake Maruwan Oike and Lake Skallen, East Antarctica, reveal substantial glacial discharge during the late Holocene. <i>Quaternary Science Reviews</i> , 2021, 256, 106841.	3.0	9
4	On the geophysical processes impacting palaeo-sea-level observations. <i>Geoscience Letters</i> , 2021, 8, .	3.3	34
5	A review of MIS 5e sea-level proxies around Japan. <i>Earth System Science Data</i> , 2021, 13, 1477-1497.	9.9	11
6	Dating Lake Sediments Using Compound-specific <sup>14</sup> C Analysis of C <sub>16</sub> Fatty Acid: A Case Study From the Mount Fuji Volcanic Region, Japan. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009544.	2.5	2
7	Glacial mode shift of the Atlantic meridional overturning circulation by warming over the Southern Ocean. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	6.8	6
8	Temporal variation in radiocarbon pathways caused by sea-level and tidal changes in the Bonaparte Gulf, northwestern Australia. <i>Quaternary Science Reviews</i> , 2021, 266, 107079.	3.0	6
9	Crustal anorthosite formation by deep-seated hydrothermal circulation beneath fast-spreading axis: Constraints from chronological approach, Sr isotope, and fluid-chromite inclusion investigation. <i>Island Arc</i> , 2021, 30, e12423.	1.1	1
10	Dating tsunami deposits: Present knowledge and challenges. <i>Earth-Science Reviews</i> , 2020, 200, 102971.	9.1	31
11	Coral reef diversity losses in China's Greater Bay Area were driven by regional stressors. <i>Science Advances</i> , 2020, 6, .	10.3	31
12	Tsunamis and submarine landslides in Suruga Bay, central Japan, caused by Nankai Suruga Trough megathrust earthquakes during the last 5000 years. <i>Quaternary Science Reviews</i> , 2020, 245, 106527.	3.0	8
13	Elevated dust depositions in West Asia linked to ocean-atmosphere shifts during North Atlantic cold events. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18272-18277.	7.1	25
14	Holocene tsunami, storm, and relative sea level records obtained from the southern Hidaka coast, Hokkaido, Japan. <i>Quaternary Science Reviews</i> , 2020, 250, 106678.	3.0	15
15	Organic carbon accumulation and productivity over the past 130 years in Lake Kawaguchi (central) Tj ETQq1 1 0.784314 rgBT /Overl	1.6	7
16	Holocene sea level reconstruction using lagoon specific local marine reservoir effect and geophysical modeling in Tongatapu, Kingdom of Tonga. <i>Quaternary Science Reviews</i> , 2020, 244, 106464.	3.0	11
17	Coral Record of Younger Dryas Chronozone Warmth on the Great Barrier Reef. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003962.	2.9	5
18	Novel reverse radioisotope labelling experiment reveals carbon assimilation of marine calcifiers under ocean acidification conditions. <i>Methods in Ecology and Evolution</i> , 2020, 11, 739-750.	5.2	7

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19	Seismic history of a bedrock fault scarp using quantitative morphology together with multiple dating methods: A case study of the Luoyunshan piedmont fault, southwestern Shanxi Rift, China. <i>Tectonophysics</i> , 2020, 788, 228473.	2.2	5
20	Deltaic response to climate change: The Holocene history of the Nueces Delta. <i>Global and Planetary Change</i> , 2020, 191, 103213.	3.5	5
21	Eurasian Ice Sheet collapse was a major source of Meltwater Pulse 1A 14,600 years ago. <i>Nature Geoscience</i> , 2020, 13, 363-368.	12.9	63
22	Gauging Quaternary Sea Level Changes Through Scientific Ocean Drilling. <i>Oceanography</i> , 2019, 32, 64-71.	1.0	10
23	Meltwater discharge during the Holocene from the Wilkes subglacial basin revealed by beryllium isotope analysis of marine sediments. <i>Journal of Quaternary Science</i> , 2019, 34, 603-608.	2.1	8
24	Equatorial Pacific seawater pCO <sub>2</sub> variability since the last glacial period. <i>Scientific Reports</i> , 2019, 9, 13814.	3.3	12
25	Small- to ultra-small-scale radiocarbon measurements using newly installed single-stage AMS at the University of Tokyo. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2019, 455, 238-243.	1.4	18
26	In-situ and meteoric <sup>10</sup> Be and <sup>26</sup> Al measurements: Improved preparation and application at the University of Tokyo. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2019, 455, 260-264.	1.4	13
27	AMS Dating of Potentially the Oldest Wooden Sculptures in Japan from a Shinto Shrine in Akita. <i>Radiocarbon</i> , 2019, 61, 1221-1228.	1.8	3
28	Potentially large post-1505 AD earthquakes in western Nepal revealed by a lake sediment record. <i>Nature Communications</i> , 2019, 10, 2258.	12.8	33
29	A sea-level plateau preceding the Marine Isotope Stage 2 minima revealed by Australian sediments. <i>Scientific Reports</i> , 2019, 9, 6449.	3.3	39
30	Late Holocene Changes in Erosion Patterns in a Lacustrine Environment: Landscape Stabilization by Volcanic Activity Versus Human Activity. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 1720-1733.	2.5	3
31	Non-destructive analyses to determine appropriate stratigraphic level for dating of tsunami deposits. <i>Marine Geology</i> , 2019, 412, 19-26.	2.1	14
32	A single stage Accelerator Mass Spectrometry at the Atmosphere and Ocean Research Institute, The University of Tokyo. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2019, 455, 311-316.	1.4	47
33	Paleoshorelines and lowstand sedimentation on subtropical shelves: a case study from the Fraser Shelf, Australia. <i>Australian Journal of Earth Sciences</i> , 2019, 66, 547-565.	1.0	9
34	Local marine reservoir age variability at Luzon Strait in the South China Sea during the Holocene. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2019, 455, 171-177.	1.4	11
35	Insight into Western Pacific Circulation from South China Sea Coral Skeletal Radiocarbon. <i>Radiocarbon</i> , 2019, 61, 1923-1937.	1.8	8
36	Late Quaternary evolution of the Kumkol Basin at the northeastern margin of the Tibetan Plateau revealed by tectonic geomorphology and the analysis of in situ cosmogenic nuclides. <i>Geomorphology</i> , 2019, 329, 224-247.	2.6	6

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37	Depositional environments beneath the shelf-edge slopes of the Great Barrier Reef, inferred from foraminiferal assemblages: IODP Expedition 325. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 514, 386-397.	2.3	5
38	Beryllium isotope signatures of ice shelves and sub-ice shelf circulation. <i>Earth and Planetary Science Letters</i> , 2019, 505, 86-95.	4.4	20
39	Holocene Indian Ocean sea level, Antarctic melting history and past Tsunami deposits inferred using sea level reconstructions from the Sri Lankan, Southeastern Indian and Maldivian coasts. <i>Quaternary Science Reviews</i> , 2019, 206, 150-161.	3.0	32
40	Microbialites in Last Glacial Maximum and deglacial reefs of the Great Barrier Reef (IODP Expedition) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	2.3	25
41	Incorporation of Mg, Sr, Ba, U, and B in High- $\delta^{13}\text{C}$ Calcite Benthic Foraminifers Cultured Under Controlled $\text{CO}_2$ . <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 83-98.	2.5	7
42	Radiocarbon in ecology: Insights and perspectives from aquatic and terrestrial studies. <i>Methods in Ecology and Evolution</i> , 2018, 9, 181-190.	5.2	26
43	Insight into anaerobic methanotrophy from $^{13}\text{C}/^{12}\text{C}$ - amino acids and $^{14}\text{C}/^{12}\text{C}$ -ANME cells in seafloor microbial ecology. <i>Scientific Reports</i> , 2018, 8, 14070.	3.3	15
44	Orbital-scale environmental and climatic changes recorded in a new $\sim 200,000$ -year-long multiproxy sedimentary record from Padul, southern Iberian Peninsula. <i>Quaternary Science Reviews</i> , 2018, 198, 91-114.	3.0	35
45	Assessment of Northeastern Japan Tree-Ring Oxygen Isotopes for Reconstructing Early Summer Hydroclimate and Spring Arctic Oscillation. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 3520-3528.	2.5	6
46	Response of the Great Barrier Reef to sea-level and environmental changes over the past 30,000 years. <i>Nature Geoscience</i> , 2018, 11, 426-432.	12.9	94
47	Evidence of solar insolation and internal forcing of sea surface temperature changes in the eastern tropical Indian Ocean during the Holocene. <i>Quaternary International</i> , 2018, 490, 1-9.	1.5	5
48	Rapid glaciation and a two-step sea level plunge into the Last Glacial Maximum. <i>Nature</i> , 2018, 559, 603-607.	27.8	172
49	Holocene surface hydroclimate changes in the Indo-Pacific warm pool. <i>Quaternary International</i> , 2018, 482, 1-12.	1.5	4
50	Short-term fluctuations in regional radiocarbon reservoir age recorded in coral skeletons from the Ryukyu Islands in the northwestern Pacific. <i>Journal of Quaternary Science</i> , 2017, 32, 1-6.	2.1	42
51	The undatables: Quantifying uncertainty in a highly expanded late Holocene sediment sequence recovered from the deepest Bering Sea basin "IODP Site M0063". <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 858-871.	2.5	29
52	Radiocarbon dating of coastal boulders from Kozushima and Miyake islands off Tokyo Metropolitan Area, Japan: Implications for coastal hazard risk. <i>Quaternary International</i> , 2017, 456, 28-38.	1.5	7
53	Temperature-controlled culture experiments with primary polyps of coral <i>Acropora digitifera</i> : Calcification rate variations and skeletal Sr/Ca, Mg/Ca, and Na/Ca ratios. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 484, 129-135.	2.3	16
54	New evidence of Hawaiian coral reef drowning in response to meltwater pulse-1A. <i>Quaternary Science Reviews</i> , 2017, 175, 60-72.	3.0	15

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55	A Geomagnetic Paleointensity Record of 0.6 to 3.2ÂMa From Sediments in the Western Equatorial Pacific and Remanent Magnetization Lockâ€n Depth. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 7525-7543.	3.4	19
56	Hydrographic variability in the northern South China Sea over the past 45,000 years: New insights based on temperature reconstructions by U kâ€™ 37 and TEX H 86 proxies from a marine sediment core (MD972146). <i>Quaternary International</i> , 2017, 459, 1-16.	1.5	12
57	Rapid decline in pH of coral calcification fluid due to incorporation of anthropogenic CO2. <i>Scientific Reports</i> , 2017, 7, 7694.	3.3	20
58	A Reconstruction of Subtropical Western North Pacific SST Variability Back to 1578, Based on a <i>Porites</i> Coral Sr/Ca Record from the Northern Ryukyus, Japan. <i>Paleoceanography</i> , 2017, 32, 1352-1370.	3.0	20
59	Multidecadal oceanographic changes in the western <sc>P</sc>acific detected through highâ€resolution bombâ€derived radiocarbon measurements on corals. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1608-1617.	2.5	28
60	Radiocarbon variability recorded in coral skeletons from the northwest of Luzon Island, Philippines. <i>Geoscience Letters</i> , 2017, 4, .	3.3	10
61	Two-step rise of atmospheric oxygen linked to the growth of continents. <i>Nature Geoscience</i> , 2016, 9, 417-424.	12.9	162
62	Appreciation of peer reviewers for 2015. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 1959-1965.	2.5	0
63	Reappraisal of sea-level lowstand during the Last Glacial Maximum observed in the Bonaparte Gulf sediments, northwestern Australia. <i>Quaternary International</i> , 2016, 397, 373-379.	1.5	29
64	Widespread collapse of the Ross Ice Shelf during the late Holocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2354-2359.	7.1	97
65	Fossil otoliths, from the Gulf of Kutch, Western India, as a paleo-archive for the mid- to late-Holocene environment. <i>Quaternary International</i> , 2016, 397, 281-288.	1.5	11
66	Relationship between early summer precipitation in Japan and the El NiÃ±o-Southern and Pacific Decadal Oscillations over the past 400 years. <i>Quaternary International</i> , 2016, 397, 300-306.	1.5	24
67	Weak monsoon event at 4.2Âka recorded in sediment from Lake Rara, Himalayas. <i>Quaternary International</i> , 2016, 397, 349-359.	1.5	65
68	Holocene Antarctic melting and lithospheric uplift history of the southern Okinawa trough inferred from mid- to late-Holocene sea level in Iriomote Island, Ryukyu, Japan. <i>Quaternary International</i> , 2016, 397, 342-348.	1.5	24
69	Appreciation of peer reviewers for 2014. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 2473-2479.	2.5	0
70	Sources of Dissolved Inorganic Carbon in Two Small Streams with Different Bedrock Geology: Insights from Carbon Isotopes. <i>Radiocarbon</i> , 2015, 57, 439-448.	1.8	24
71	Compound-Specific <sup>14</sup>C Dating of IODP Expedition 318 Core U1357A Obtained Off the Wilkes Land Coast, Antarctica. <i>Radiocarbon</i> , 2014, 56, 1009-1017.	1.8	33
72	Millennial-scale alkenone sea surface temperature changes in the northern South China Sea during the past 45,000 years (MD972146). <i>Quaternary International</i> , 2014, 333, 207-215.	1.5	10

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73	Conversion of GISP2-based sediment core age models to the GICC05 extended chronology. <i>Quaternary Geochronology</i> , 2014, 20, 1-7.	1.4	17
74	Sediment waves on the Conrad Rise, Southern Indian Ocean: Implications for the migration history of the Antarctic Circumpolar Current. <i>Marine Geology</i> , 2014, 348, 27-36.	2.1	8
75	Online oxygen isotope analysis of sub-milligram quantities of biogenic opal using the inductive high-temperature carbon reduction method coupled with continuous-flow isotope ratio mass spectrometry. <i>Journal of Quaternary Science</i> , 2014, 29, 455-462.	2.1	3
76	Formation and geomorphologic history of the L'Anse-au-Loup impact crater deduced from in situ cosmogenic <sup>10</sup> Be and <sup>26</sup> Al. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 3190-3197.	2.5	16
77	The multiple chronological techniques applied to the Lake Suietsu SG06 sediment core, central Japan. <i>Boreas</i> , 2013, 42, 259-266.	2.4	35
78	Melting history of the Patagonian Ice Sheet during Termination I inferred from marine sediments. <i>Geochemical Journal</i> , 2013, 47, 107-117.	1.0	6
79	Atmospheric <sup>14</sup> C reduction in simulations of Atlantic overturning circulation shutdown. <i>Global Biogeochemical Cycles</i> , 2013, 27, 296-304.	4.9	39
80	A re-examination of evidence for the North Atlantic 1500-year cycle at Site 609. <i>Quaternary Science Reviews</i> , 2012, 55, 23-33.	3.0	61
81	Late Holocene Asian monsoon variations recorded in Lake Rara sediment, western Nepal. <i>Journal of Quaternary Science</i> , 2012, 27, 125-128.	2.1	24
82	Post-depositional remanent magnetization lock-in for marine sediments deduced from 10Be and paleomagnetic records through the Matuyama-Brunhes boundary. <i>Earth and Planetary Science Letters</i> , 2011, 311, 39-52.	4.4	73
83	Global Climate and Sea Level: ENDURING VARIABILITY AND RAPID FLUCTUATIONS OVER THE PAST 150,000 YEARS. <i>Oceanography</i> , 2011, 24, 54-69.	1.0	95
84	The last deglacial history of L'Anse-au-Loup Bay, East Antarctica. <i>Journal of Quaternary Science</i> , 2011, 26, 3-6.	2.1	38
85	Quantitative determination of long-term erosion rates of weathered granitic soil surfaces in western Abukuma, Japan using cosmogenic 10Be and 26Al depth profile. <i>Geochemical Journal</i> , 2010, 44, e23-e27.	1.0	13
86	Sea-level rise during Termination II inferred from large benthic foraminifers: IODP Expedition 310, Tahiti Sea Level. <i>Marine Geology</i> , 2010, 271, 149-155.	2.1	25
87	The incised valley of Baffin Bay, Texas: a tale of two climates. <i>Sedimentology</i> , 2010, 57, 642-669.	3.1	46
88	Developing Ultra Small-Scale Radiocarbon Sample Measurement at the University of Tokyo. <i>Radiocarbon</i> , 2010, 52, 310-318.	1.8	73
89	Coupled uranium isotope and sea-level variations in the oceans. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 7008-7020.	3.9	22
90	10Be evidence for delayed acquisition of remanent magnetization in marine sediments: Implication for a new age for the Matuyama-Brunhes boundary. <i>Earth and Planetary Science Letters</i> , 2010, 296, 443-450.	4.4	90

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91	Micropalaeontological evidence for Late Quaternary sea-level changes in Bonaparte Gulf, Australia. <i>Global and Planetary Change</i> , 2009, 66, 85-92.	3.5	55
92	Influence of the Schwabe/Hale solar cycles on climate change during the Maunder Minimum. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 427-433.	0.0	5
93	Issues in radiocarbon and U-series dating of corals from the last glacial period. <i>Quaternary Geochronology</i> , 2008, 3, 244-252.	1.4	5
94	Identification of 1771 Meiwa Tsunami deposits using a combination of radiocarbon dating and oxygen isotope microprofiling of emerged massive Porites boulders. <i>Quaternary Geochronology</i> , 2008, 3, 226-234.	1.4	49
95	Possible link between multi-decadal climate cycles and periodic reversals of solar magnetic field polarity. <i>Earth and Planetary Science Letters</i> , 2008, 272, 290-295.	4.4	55
96	Japan Sea oxygen isotope stratigraphy and global sea-level changes for the last 50,000 years recorded in sediment cores from the Oki Ridge. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 247, 5-17.	2.3	103
97	Variability in the uranium isotopic composition of the oceans over glacial-interglacial timescales. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 4140-4150.	3.9	58
98	Sea-level during the early deglaciation period in the Great Barrier Reef, Australia. <i>Global and Planetary Change</i> , 2006, 53, 147-153.	3.5	56
99	Growth patterns of the last ice age coral terraces at Huon Peninsula. <i>Global and Planetary Change</i> , 2006, 54, 216-224.	3.5	18
100	Measurements of in situ produced <sup>14</sup> C in terrestrial rocks. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2004, 223-224, 253-258.	1.4	15
101	Water-load definition in the glacio-hydro-isostatic sea-level equation. <i>Quaternary Science Reviews</i> , 2003, 22, 309-318.	3.0	139
102	Into and out of the Last Glacial Maximum: sea-level change during Oxygen Isotope Stages 3 and 2. <i>Quaternary Science Reviews</i> , 2002, 21, 343-360.	3.0	638
103	Reply to the comment by W.R. Peltier. <i>Quaternary Science Reviews</i> , 2002, 21, 415-418.	3.0	10
104	Last Ice Age Millennial Scale Climate Changes Recorded in Huon Peninsula Corals. <i>Radiocarbon</i> , 2000, 42, 383-401.	1.8	89
105	A Characteristic Form of Diatom <i>Melosira</i> as an Indicator of Marine Limit during the Holocene in Japan. <i>The Quaternary Research</i> , 1996, 35, 99-107.	0.1	17
106	Sensitivity of Holocene East Antarctic productivity to subdecadal variability set by sea ice. <i>Nature Geoscience</i> , 0, , .	12.9	5