

# Masao Uchida

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

742  
citations

623734

14  
h-index

526287

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1340  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing summer rainfall in arid eastern-Central Asia over the past 8500 years. <i>Scientific Reports</i> , 2014, 4, 5279.	3.3	99
2	An interlaboratory study of TEX <sub>86</sub> and BIT analysis of sediments, extracts, and standard mixtures. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 5263-5285.	2.5	76
3	An interlaboratory study of TEX <sub>86</sub> and BIT analysis using high-performance liquid chromatography–mass spectrometry. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	52
4	Abrupt changes of intermediate water properties on the northeastern slope of the Bering Sea during the last glacial and deglacial period. <i>Paleoceanography</i> , 2012, 27, .	3.0	50
5	Northward and southward migrations of frontal zones during the past 40 kyr in the Kuroshio-Oyashio transition area. <i>Geochemistry, Geophysics, Geosystems</i> , 2004, 5, n/a-n/a.	2.5	43
6	Enhanced modern carbon and biogenic organic tracers in Northeast Asian aerosols during spring/summer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 2362-2371.	3.3	43
7	Organic Carbon Aging During Across-Shelf Transport. <i>Geophysical Research Letters</i> , 2018, 45, 8425-8434.	4.0	43
8	Late Pleistocene stratigraphy and palaeoceanographic implications in northern Bering Sea slope sediments: evidence from the radiolarian species <i>Cycladophora davisiana</i> . <i>Journal of Quaternary Science</i> , 2009, 24, 856-865.	2.1	42
9	InSAR Detection and Field Evidence for Thermokarst after a Tundra Wildfire, Using ALOS-PALSAR. <i>Remote Sensing</i> , 2016, 8, 218.	4.0	40
10	Compound-Specific Radiocarbon Ages of Fatty Acids in Marine Sediments from the Western North Pacific. <i>Radiocarbon</i> , 2001, 43, 949-956.	1.8	35
11	Age discrepancy between molecular biomarkers and calcareous foraminifera isolated from the same horizons of Northwest Pacific sediments. <i>Chemical Geology</i> , 2005, 218, 73-89.	3.3	34
12	Signs of biological activities of 28,000-year-old mammoth nuclei in mouse oocytes visualized by live-cell imaging. <i>Scientific Reports</i> , 2019, 9, 4050.	3.3	25
13	Distinctive Roles of Two Aggregate Binding Agents in Allophanic Andisols: Young Carbon and Poorly-Crystalline Metal Phases with Old Carbon. <i>Soil Systems</i> , 2018, 2, 29.	2.6	24
14	Geomorphological and geochemistry changes in permafrost after the 2002 tundra wildfire in Kougarak, Seward Peninsula, Alaska. <i>Journal of Geophysical Research F: Earth Surface</i> , 2016, 121, 1697-1715.	2.8	20
15	Effects of Vegetation Switch and Subsequent Change in Soil Invertebrate Composition on Soil Carbon Accumulation Patterns, Revealed by Radiocarbon Concentrations. <i>Radiocarbon</i> , 2010, 52, 1471-1486.	1.8	15
16	High organic carbon deposition in the northern margin of the Aleutian Basin (Bering Sea) before the last deglaciation. <i>Ocean Science Journal</i> , 2010, 45, 203-211.	1.3	14
17	Ecological variations in diatom assemblages in the Paleo-Kathmandu Lake linked with global and Indian monsoon climate changes for the last 600,000 years. <i>Quaternary Research</i> , 2009, 72, 377-387.	1.7	13
18	Organic carbon and microbial biomass in a raised beach deposit under terrestrial vegetation in the High Arctic, Ny-Ålesund, Svalbard. <i>Polar Research</i> , 2008, 27, 23-27.	1.6	12

#	ARTICLE	IF	CITATIONS
19	Contributions of modern and dead organic carbon to individual fatty acid homologues in spring aerosols collected from northern Japan. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	10
20	Response and feedback of the Indian summer monsoon and the Southern Westerly Winds to a temperature contrast between the hemispheres during the last glacial–interglacial transitional period. <i>Earth-Science Reviews</i> , 2019, 197, 102917.	9.1	10
21	The respective characteristics of millennial-scale changes of the India summer monsoon in the Holocene and the Last Glacial. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 496, 155-165.	2.3	9
22	Diffusive summer methane flux from lakes to the atmosphere in the Alaskan arctic zone. <i>Polar Science</i> , 2016, 10, 303-311.	1.2	7
23	Projections of surface air temperature required to sustain permafrost and importance of adaptation to climate change in the Daisetsu Mountains, Japan. <i>Scientific Reports</i> , 2021, 11, 15518.	3.3	7
24	High Contribution of Recalcitrant Organic Matter to DOC in a Japanese Oligotrophic Lake Revealed by $^{14}\text{C}$ Measurements. <i>Radiocarbon</i> , 2010, 52, 1078-1083.	1.8	6
25	Response of the Bering Sea to 11-year solar irradiance cycles during the Bølling–Allerød. <i>Geophysical Research Letters</i> , 2014, 41, 2892-2898.	4.0	5
26	Intensification of North Pacific intermediate water ventilation during the Younger Dryas. <i>Geo-Marine Letters</i> , 2016, 36, 353-360.	1.1	5
27	Variation of $\delta^{14}\text{C}$ and $\delta^{13}\text{C}$ Values of Dissolved Humic and Fulvic Acids in the Tokachi River System in Northern Japan. <i>Radiocarbon</i> , 2013, 55, 1007-1016.	1.8	2
28	Radiocarbon age differences between benthic-planktonic foraminifera in sediment cores from the Shatsky Rise, central North Pacific. <i>Journal of the Sedimentological Society of Japan</i> , 2017, 76, 17-27.	0.3	1
29	Spatial Distribution of $\delta^{14}\text{C}$ Values of Organic Matter in Surface Sediments Off Saru River in Northern Japan, One Year After a Flood Event in 2006. <i>Radiocarbon</i> , 2010, 52, 1068-1077.	1.8	0
30	Variation of $\delta^{14}\text{C}$ and $\delta^{13}\text{C}$ Values of Dissolved Humic and Fulvic Acids in the Tokachi River System in Northern Japan. <i>Radiocarbon</i> , 2013, 55, .	1.8	0
31	Surface displacement induced by seasonal ground thaw, measured by synthetic aperture radar in the Daisetsu Mountains, Japan. <i>Journal of the Japanese Society of Snow and Ice</i> , 2022, 84, 13-27.	0.1	0