Masa Kageyama

List of Publications by Year
in descending order

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63 papers	7,360 citations	156536 32 h-index	134545 62 g-index
63 all docs	63 docs citations	63 times ranked	10660 citing authors

#	Article	IF	Citations
1	Investigating relationships between technological variability and ecology in the Middle Gravettian (ca. 32â€“28 ky cal. BP) in France. Quaternary Science Reviews, 2021, 253, 106766.	1.4	2
2	Antarctic surface temperature and elevation during the Last Glacial Maximum. Science, 2021, 372, 1097-1101.	6.0	61
3	What drives LGM precipitation over the western Mediterranean? A study focused on the Iberian Peninsula and northern Morocco. Climate Dynamics, 2016, 46, 2611-2631.	1.7	43
4	Shortwave forcing and feedbacks in Last Glacial Maximum and Mid-Holocene PMIP3 simulations. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140424.	1.6	25
5	Quantifying molecular oxygen isotope variations during a Heinrich stadial. Climate of the Past, 2015, 11, 1527-1551.	1.3	13
6	How might the North American ice sheet influence the northwestern Eurasian climate?. Climate of the Past, 2015, 11, 1467-1490.	1.3	17
7	Ice-sheet configuration in the CMIP5/PMIP3 Last Glacial Maximum experiments. Geoscientific Model Development, 2015, 8, 3621-3637.	1.3	95
8	The last termination in the central South Atlantic. Quaternary Science Reviews, 2015, 123, 193-214.	1.4	7
9	Evaluation of CMIP5 palaeo-simulations to improve climate projections. Nature Climate Change, 2015, 5, 735-743.	8.1	198
10	Teleconnection between the Intertropical Convergence Zone and southern westerly winds throughout the last deglaciation. Geology, 2015, 43, 735-738.	2.0	19
11	Clouds, circulation and climate sensitivity. Nature Geoscience, 2015, 8, 261-268.	5.4	647
12	The concept of global monsoon applied to the last glacial maximum: A multi-model analysis. Quaternary Science Reviews, 2015, 126, 126-139.	1.4	32
13	Comparing past accumulation rate reconstructions in East Antarctic ice cores using ¹⁰Be, water isotopes and CMIP5-PMIP3 models. Climate of the Past, 2015, 11, 355-367.	1.3	19
14	Improving the dynamics of Northern Hemisphere high-latitude vegetation in the ORCHIDEE ecosystem model. Geoscientific Model Development, 2015, 8, 2263-2283.	1.3	36
15	Impact of precession on the climate, vegetation and fire activity in southern Africa during MIS4. Climate of the Past, 2014, 10, 1165-1182.	1.3	18
16	Interdependence of the growth of the Northern Hemisphere ice sheets during the last glaciation: the role of atmospheric circulation. Climate of the Past, 2014, 10, 345-358.	1.3	23
17	Using palaeo-climate comparisons to constrain future projections in CMIP5. Climate of the Past, 2014, 10, 221-250.	1.3	193
18	European glacial dust deposits: Geochemical constraints on atmospheric dust cycle modeling. Geophysical Research Letters, 2014, 41, 7666-7674.	1.5	38

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19	Exploring the impact of climate variability during the Last Glacial Maximum on the pattern of human occupation of Iberia. Journal of Human Evolution, 2014, 73, 35-46.	1.3	51
20	Climate change projections using the IPSL-CM5 Earth System Model: from CMIP3 to CMIP5. Climate Dynamics, 2013, 40, 2123-2165.	1.7	1,425
21	Mid-Holocene and Last Glacial Maximum climate simulations with the IPSL modelâ€"part I: comparing IPSL_CM5A to IPSL_CM4. Climate Dynamics, 2013, 40, 2447-2468.	1.7	88
22	Mid-Holocene and last glacial maximum climate simulations with the IPSL model: part II: model-data comparisons. Climate Dynamics, 2013, 40, 2469-2495.	1.7	53
23	Relative impacts of insolation changes, meltwater fluxes and ice sheets on African and Asian monsoons during the Holocene. Climate Dynamics, 2013, 41, 2267-2286.	1.7	29
24	Bi-hemispheric forcing for Indo-Asian monsoon during glacial terminations. Quaternary Science Reviews, 2013, 59, 1-4.	1.4	14
25	Impact of the ocean diurnal cycle on the North Atlantic mean sea surface temperatures in a regionally coupled model. Dynamics of Atmospheres and Oceans, 2013, 60, 28-45.	0.7	10
26	Influence of ablation-related processes in the build-up of simulated Northern Hemisphere ice sheets during the last glacial cycle. Cryosphere, 2013, 7, 681-698.	1.5	28
27	Climatic impacts of fresh water hosing under Last Glacial Maximum conditions: a multi-model study. Climate of the Past, 2013, 9, 935-953.	1.3	146
28	Modeling dust emission response to North Atlantic millennial-scale climate variations from the perspective of East European MIS 3 loess deposits. Climate of the Past, 2013, 9, 1385-1402.	1.3	46
29	Glacial fluctuations of the Indian monsoon and their relationship with North Atlantic climate: new data and modelling experiments. Climate of the Past, 2013, 9, 2135-2151.	1.3	78
30	Response of methane emissions from wetlands to the Last Glacial Maximum and an idealized Dansgaardâ€"Oeschger climate event: insights from two models of different complexity. Climate of the Past, 2013, 9, 149-171.	1.3	16
31	Southern westerlies in LGM and future (RCP4.5) climates. Climate of the Past, 2013, 9, 517-524.	1.3	64
32	Corrigendum to "Influence of ablation-related processes in the build-up of simulated Northern Hemisphere ice sheets during the last glacial cycle" published in The Cryosphere, 7, 681â€"698, 2013. Cryosphere, 2013, 7, 933-934.	1.5	0
33	Simulating the vegetation response in western Europe to abrupt climate changes under glacial background conditions. Biogeosciences, 2013, 10, 1561-1582.	1.3	16
34	Sensitivity of a Greenland ice sheet model to atmospheric forcing fields. Cryosphere, 2012, 6, 999-1018.	1.5	37
35	Regional imprints of millennial variability during the MIS 3 period around Antarctica. Quaternary Science Reviews, 2012, 48, 99-112.	1.4	40
36	Impact of solar forcing on the surface mass balance of northern ice sheets for glacial conditions. Earth and Planetary Science Letters, 2012, 335-336, 18-24.	1.8	3

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37	Marine productivity response to Heinrich events: a model-data comparison. Climate of the Past, 2012, 8, 1581-1598.	1.3	27
38	Modelling snow accumulation on Greenland in Eemian, glacial inception, and modern climates in a GCM. Climate of the Past, 2012, 8, 1801-1819.	1.3	6
39	Impact of oceanic processes on the carbon cycle during the last termination. Climate of the Past, 2012, 8, 149-170.	1.3	26
40	Evaluation of climate models using palaeoclimatic data. Nature Climate Change, 2012, 2, 417-424.	8.1	779
41	The key role of topography in altering North Atlantic atmospheric circulation during the last glacial period. Climate of the Past, 2011, 7, 1089-1101.	1.3	118
42	Impact of CO₂ and climate on the Last Glacial Maximum vegetation: results from the ORCHIDEE/IPSL models. Climate of the Past, 2011, 7, 557-577.	1.3	58
43	Assessment of sea surface temperature changes in the Gulf of Cadiz during the last 30 ka: implications for glacial changes in the regional hydrography. Biogeosciences, 2011, 8, 2295-2316.	1.3	20
44	Sensitivity of interglacial Greenland temperature and Î´¹⁸O: ice core data, orbital and increased CO₂ climate simulations. Climate of the Past, 2011, 7, 1041-1059.	1.3	59
45	Warm Nordic Seas delayed glacial inception in Scandinavia. Climate of the Past, 2010, 6, 817-826.	1.3	20
46	Modelling glacial climatic millennial-scale variability related to changes in the Atlantic meridional overturning circulation: a review. Quaternary Science Reviews, 2010, 29, 2931-2956.	1.4	107
47	Glacial climate sensitivity to different states of the Atlantic Meridional Overturning Circulation: results from the IPSL model. Climate of the Past, 2009, 5, 551-570.	1.3	70
48	High resolution climate and vegetation simulations of the Late Pliocene, a model-data comparison over western Europe and the Mediterranean region. Climate of the Past, 2009, 5, 585-606.	1.3	22
49	Quantifying the roles of ocean circulation and biogeochemistry in governing ocean carbon-13 and atmospheric carbon dioxide at the last glacial maximum. Climate of the Past, 2009, 5, 695-706.	1.3	91
50	Investigating the evolution of major Northern Hemisphere ice sheets during the last glacial-interglacial cycle. Climate of the Past, 2009, 5, 329-345.	1.3	79
51	Insolation and sea level variations during Quaternary interglacial periods: A review of recent results with special emphasis on the last interglaciation. Comptes Rendus - Geoscience, 2008, 340, 701-710.	0.4	5
52	A modeling sensitivity study of the influence of the Atlantic meridional overturning circulation on neodymium isotopic composition at the Last Glacial Maximum. Climate of the Past, 2008, 4, 191-203.	1.3	30
53	Neanderthal Extinction by Competitive Exclusion. PLoS ONE, 2008, 3, e3972.	1.1	176
54	Results of PMIP2 coupled simulations of the Mid-Holocene and Last Glacial Maximum â€“ Part 2: feedbacks with emphasis on the location of the ITCZ and mid- and high latitudes heat budget. Climate of the Past, 2007, 3, 279-296.	1.3	349

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55	Long-term hydrodynamic response induced by past climatic and geomorphologic forcing: The case of the Paris basin, France. Physics and Chemistry of the Earth, 2007, 32, 368-378.	1.2	25
56	Numerical reconstructions of the Northern Hemisphere ice sheets through the last glacial-interglacial cycle. Climate of the Past, 2007, 3, 15-37.	1.3	93
57	How cold was Europe at the Last Glacial Maximum? A synthesis of the progress achieved since the first PMIP model-data comparison. Climate of the Past, 2007, 3, 331-339.	1.3	79
58	Results of PMIP2 coupled simulations of the Mid-Holocene and Last Glacial Maximum â€“ Part 1: experiments and large-scale features. Climate of the Past, 2007, 3, 261-277.	1.3	1,089
59	Past temperature reconstructions from deep ice cores: relevance for future climate change. Climate of the Past, 2006, 2, 145-165.	1.3	95
60	Imprints of glacial refugia in the modern genetic diversity of Pinus sylvestris. Global Ecology and Biogeography, 2006, 15, 271-282.	2.7	218
61	The Last Glacial Maximum and Heinrich Event 1 in terms of climate and vegetation around the Alboran Sea: a preliminary model-data comparison. Comptes Rendus - Geoscience, 2005, 337, 983-992.	0.4	54
62	Dansgaardâ€“Oeschger events: an oscillation of the climate-ice-sheet system?. Comptes Rendus - Geoscience, 2005, 337, 993-1000.	0.4	5
63	The depression of tropical snowlines at the last glacial maximum: What can we learn from climate model experiments?. Quaternary International, 2005, 138-139, 202-219.	0.7	30