

# Hans Renssen

## List of Publications by Year in descending order

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31  
papers

1,541  
citations

394421

19  
h-index

501196

28  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2655  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking Hunter-Gatherer Impact on Vegetation in Last Interglacial and Holocene Europe: Proxies and Challenges. <i>Journal of Archaeological Method and Theory</i> , 2022, 29, 989-1033.	3.0	12
2	Climate model experiments on the 4.2 ka event: The impact of tropical sea-surface temperature anomalies and desertification. <i>Holocene</i> , 2022, 32, 378-389.	1.7	11
3	Microclimatic comparison of lichen heaths and shrubs: shrubification generates atmospheric heating but subsurface cooling during the growing season. <i>Biogeosciences</i> , 2021, 18, 1577-1599.	3.3	11
4	Surface albedo of alpine lichen heaths and shrub vegetation. <i>Arctic, Antarctic, and Alpine Research</i> , 2020, 52, 312-322.	1.1	21
5	Atmospheric circulation over Europe during the Younger Dryas. <i>Science Advances</i> , 2020, 6, .	10.3	55
6	Agreement between reconstructed and modeled boreal precipitation of the Last Interglacial. <i>Science Advances</i> , 2019, 5, eaax7047.	10.3	46
7	Modelling the vegetation response to the 8.2 ka cooling event in Europe and Northern Africa. <i>Journal of Quaternary Science</i> , 2019, 34, 650-661.	2.1	9
8	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
9	Effects of melting ice sheets and orbital forcing on the early Holocene warming in the extratropical Northern Hemisphere. <i>Climate of the Past</i> , 2016, 12, 1119-1135.	3.4	22
10	GlaRe, a GIS tool to reconstruct the 3D surface of palaeoglaciers. <i>Computers and Geosciences</i> , 2016, 94, 77-85.	4.2	107
11	The evolution of deep-ocean flow speeds and $\hat{T} > 13$ C under large changes in the Atlantic overturning circulation: Toward a more direct model-data comparison. <i>Paleoceanography</i> , 2015, 30, 95-117.	3.0	4
12	Trees tracking a warmer climate: The Holocene range shift of hazel ( <i>Corylus avellana</i> ) in northern Europe. <i>Holocene</i> , 2015, 25, 53-63.	1.7	31
13	Multiple causes of the Younger Dryas cold period. <i>Nature Geoscience</i> , 2015, 8, 946-949.	12.9	112
14	Validation of climate model-inferred regional temperature change for late-glacial Europe. <i>Nature Communications</i> , 2014, 5, 4914.	12.8	129
15	The Arctic freshwater cycle during a naturally and an anthropogenically induced warm climate. <i>Climate Dynamics</i> , 2014, 42, 2099-2112.	3.8	8
16	Orbital Asian summer monsoon dynamics revealed using an isotope-enabled global climate model. <i>Nature Communications</i> , 2014, 5, 5371.	12.8	145
17	How robust are Holocene treeline simulations? A model-data comparison in the European Arctic treeline region. <i>Journal of Quaternary Science</i> , 2013, 28, 595-604.	2.1	8
18	Holocene subsurface temperature variability in the eastern Antarctic continental margin. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	61

#	ARTICLE	IF	CITATIONS
19	Sensitivity of discharge and flood frequency to twenty-first century and late Holocene changes in climate and land use (River Meuse, northwest Europe). <i>Climatic Change</i> , 2011, 106, 179-202.	3.6	16
20	Fingerprinting the 8.2 ka event climate response in a coupled climate model. <i>Journal of Quaternary Science</i> , 2011, 26, 118-127.	2.1	31
21	Holocene productivity changes off AdÃ©lie Land (East Antarctica). <i>Paleoceanography</i> , 2009, 24, .	3.0	32
22	Modeled seasonality of glacial abrupt climate events. <i>Climate Dynamics</i> , 2008, 31, 633-645.	3.8	46
23	Simulation of Holocene cooling events in a coupled climate model. <i>Quaternary Science Reviews</i> , 2007, 26, 2019-2029.	3.0	60
24	Could meltwater pulses have been sneaked unnoticed into the deep ocean during the last glacial?. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	25
25	Using paleoclimate proxy-data to select optimal realisations in an ensemble of simulations of the climate of the past millennium. <i>Climate Dynamics</i> , 2006, 27, 165-184.	3.8	97
26	A simulated reduction in Antarctic sea-ice area since 1750: implications of the long memory of the ocean. <i>International Journal of Climatology</i> , 2005, 25, 569-579.	3.5	14
27	Simulating the Holocene climate evolution at northern high latitudes using a coupled atmosphere-sea ice-ocean-vegetation model. <i>Climate Dynamics</i> , 2005, 24, 23-43.	3.8	194
28	Contrasting trends in North Atlantic deep-water formation in the Labrador Sea and Nordic Seas during the Holocene. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	48
29	Climate of the Past Millennium: Combining Proxy Data and Model Simulations. , 0, , 163-188.		13
30	Shrub encroachment interacts with environmental variation to reduce the albedo of alpine lichen heaths: an experimental study. <i>Nordic Journal of Botany</i> , 0, , .	0.5	2
31	Assessment of the TREELIM model in predicting present treeline along a longitudinal continentality-maritimity gradient in south-western Norway. <i>Geografiska Annaler, Series A: Physical Geography</i> , 0, , 1-19.	1.5	0