

Raphael Neukom

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

3,826
citations

236925

25
h-index

330143

37
g-index

51
all docs

51
docs citations

51
times ranked

4945
citing authors

#	ARTICLE	IF	CITATIONS
1	Inconsistent comparison of temperature reconstructions over the Common Era. <i>Dendrochronologia</i> , 2022, 74, 125965.	2.2	2
2	The variable European Little Ice Age. <i>Quaternary Science Reviews</i> , 2022, 287, 107531.	3.0	26
3	An ensemble reconstruction of global monthly sea surface temperature and sea ice concentration 1000â€“1849. <i>Scientific Data</i> , 2021, 8, 261.	5.3	7
4	Simulating the Common Era: The Past2k working group of PMIP. <i>Past Global Change Magazine</i> , 2021, 29, 72-73.	0.1	0
5	The importance of input data quality and quantity in climate field reconstructions â€“ results from the assimilation of various tree-ring collections. <i>Climate of the Past</i> , 2020, 16, 1061-1074.	3.4	14
6	Teleconnections and relationship between the El NiÃ±oâ€“Southern Oscillation (ENSO) and the Southern Annular Mode (SAM) in reconstructions and models over the past millennium. <i>Climate of the Past</i> , 2020, 16, 743-756.	3.4	29
7	Instrumental Meteorological Records before 1850: An Inventory. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, 43-47.	3.3	0
8	Consistent multidecadal variability in global temperature reconstructions and simulations over the Common Era. <i>Nature Geoscience</i> , 2019, 12, 643-649.	12.9	226
9	No evidence for globally coherent warm and cold periods over the preindustrial Common Era. <i>Nature</i> , 2019, 571, 550-554.	27.8	272
10	Unlocking Pre-1850 Instrumental Meteorological Records: A Global Inventory. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, ES389-ES413.	3.3	68
11	Assessing the robustness of Antarctic temperature reconstructions over the past 2Âmillennia using pseudoproxy and data assimilation experiments. <i>Climate of the Past</i> , 2019, 15, 661-684.	3.4	21
12	Introduction to the special issue â€œClimate of the past 2000 years: regional and trans-regional synthesesâ€“. <i>Climate of the Past</i> , 2019, 15, 611-615.	3.4	10
13	El NiÃ±oâ€“Southern Oscillation variability, teleconnection changes and responses to large volcanic eruptions since AD 1000. <i>International Journal of Climatology</i> , 2019, 39, 2711-2724.	3.5	24
14	An interdecadal climate dipole between Northeast Asia and Antarctica over the past five centuries. <i>Climate Dynamics</i> , 2019, 52, 765-775.	3.8	4
15	Teleconnection stationarity, variability and trends of the Southern Annular Mode (SAM) during the last millennium. <i>Climate Dynamics</i> , 2018, 51, 2321-2339.	3.8	58
16	Possible causes of data model discrepancy in the temperature history of the last Millennium. <i>Scientific Reports</i> , 2018, 8, 7572.	3.3	24
17	The freezing level in the tropical Andes, Peru: An indicator for present and future glacier extents. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 5172-5189.	3.3	52
18	Climate corridors for strategic adaptation planning. <i>International Journal of Climate Change Strategies and Management</i> , 2017, 9, 811-828.	2.9	1

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19	Spatial and temporal agreement in climate model simulations of the Interdecadal Pacific Oscillation. <i>Environmental Research Letters</i> , 2017, 12, 044011.	5.2	65
20	Pseudo-proxy tests of the analogue method to reconstruct spatially resolved global temperature during the Common Era. <i>Climate of the Past</i> , 2017, 13, 629-648.	3.4	19
21	Antarctic climate variability on regional and continental scales over the last 2000 years. <i>Climate of the Past</i> , 2017, 13, 1609-1634.	3.4	145
22	The 1430s: a cold period of extraordinary internal climate variability during the early Spörer Minimum with social and economic impacts in north-western and central Europe. <i>Climate of the Past</i> , 2016, 12, 2107-2126.	3.4	66
23	Australasian Temperature Reconstructions Spanning the Last Millennium. <i>Journal of Climate</i> , 2016, 29, 5365-5392.	3.2	34
24	Tambora 1815 as a test case for high impact volcanic eruptions: Earth system effects. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2016, 7, 569-589.	8.1	105
25	Science in the Context of Climate Change Adaptation: Case Studies from the Peruvian Andes. , 2016, , 41-58.		1
26	Early onset of industrial-era warming across the oceans and continents. <i>Nature</i> , 2016, 536, 411-418.	27.8	242
27	Seasonal rainfall variability in southeast Africa during the nineteenth century reconstructed from documentary sources. <i>Climatic Change</i> , 2016, 134, 605-619.	3.6	43
28	Facing unprecedented drying of the Central Andes? Precipitation variability over the period AD 1000–2100. <i>Environmental Research Letters</i> , 2015, 10, 084017.	5.2	65
29	Multi-proxy summer and winter precipitation reconstruction for southern Africa over the last 200 years. <i>Climate Dynamics</i> , 2014, 42, 2713-2726.	3.8	56
30	The influence of sampling design on tree-ring-based quantification of forest growth. <i>Global Change Biology</i> , 2014, 20, 2867-2885.	9.5	225
31	Inter-hemispheric temperature variability over the past millennium. <i>Nature Climate Change</i> , 2014, 4, 362-367.	18.8	240
32	Paleoclimate Data–Model Comparison and the Role of Climate Forcings over the Past 1500 Years*. <i>Journal of Climate</i> , 2013, 26, 6915-6936.	3.2	108
33	Continental-scale temperature variability during the past two millennia. <i>Nature Geoscience</i> , 2013, 6, 339-346.	12.9	954
34	Antarctic temperature changes during the last millennium: evaluation of simulations and reconstructions. <i>Quaternary Science Reviews</i> , 2012, 55, 75-90.	3.0	27
35	Multi-proxy temperature and precipitation field reconstructions for southern South America over the past centuries. <i>Quaternary International</i> , 2012, 279-280, 350.	1.5	0
36	Southern Hemisphere high-resolution palaeoclimate records of the last 2000 years. <i>Holocene</i> , 2012, 22, 501-524.	1.7	98

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37	Unusual Southern Hemisphere tree growth patterns induced by changes in the Southern Annular Mode. <i>Nature Geoscience</i> , 2012, 5, 793-798.	12.9	198
38	Multi-century tree-ring based reconstruction of the Neuqu�n River streamflow, northern Patagonia, Argentina. <i>Climate of the Past</i> , 2012, 8, 815-829.	3.4	36
39	Multiproxy summer and winter surface air temperature field reconstructions for southern South America covering the past centuries. <i>Climate Dynamics</i> , 2011, 37, 35-51.	3.8	135
40	Multi-centennial summer and winter precipitation variability in southern South America. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	94
41	An extended network of documentary data from South America and its potential for quantitative precipitation reconstructions back to the 16th century. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	28