

# Ulrich Salzmann

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

81  
papers

3,969  
citations

34  
h-index

62  
g-index

105  
ext. papers

4,623  
ext. citations

6  
avg, IF

5.25  
L-index

#	Paper	IF	Citations
81	Vegetation change across the Drake Passage region linked to late Eocene cooling and glacial disturbance after the Eocene-Oligocene transition. <i>Climate of the Past</i> , <b>2022</b> , 18, 209-232	3.9	4
80	Controls of precipitation and vegetation variability on the NE Tibetan Plateau during the late Pliocene warmth (~3.5-0 Ma). <i>Global and Planetary Change</i> , <b>2022</b> , 208, 103707	4.2	0
79	Eocene to Oligocene vegetation and climate in the Tasmanian Gateway region were controlled by changes in ocean currents and CO <sub>2</sub> . <i>Climate of the Past</i> , <b>2022</b> , 18, 525-546	3.9	2
78	Alpine permafrost could account for a quarter of thawed carbon based on Plio-Pleistocene paleoclimate analogue.. <i>Nature Communications</i> , <b>2022</b> , 13, 1329	17.4	2
77	Multi-variate factorisation of numerical simulations. <i>Geoscientific Model Development</i> , <b>2021</b> , 14, 4307-4367	6.3	1
76	The Eocene-Oligocene transition: a review of marine and terrestrial proxy data, models and model-data comparisons. <i>Climate of the Past</i> , <b>2021</b> , 17, 269-315	3.9	26
75	Joint insolation and ice sheet/CO <sub>2</sub> forcing on northern China precipitation during Pliocene warmth. <i>Science Bulletin</i> , <b>2021</b> , 66, 319-322	10.6	4
74	Eocene-Oligocene paleoenvironmental changes in the South Orkney Microcontinent (Antarctica) linked to the opening of Powell Basin. <i>Global and Planetary Change</i> , <b>2021</b> , 204, 103581	4.2	5
73	Temperate rainforests near the South Pole during peak Cretaceous warmth. <i>Nature</i> , <b>2020</b> , 580, 81-86	50.4	30
72	Triumph and Fall of the Wet, Warm, and Never-More-Diverse Temperate Forests (Oligocene-Pliocene). <i>Springer Textbooks in Earth Sciences, Geography and Environment</i> , <b>2020</b> , 55-81	0.5	0
71	The DeepMIP contribution to PMIP4: methodologies for selection, compilation and analysis of latest Paleocene and early Eocene climate proxy data, incorporating version 0.1 of the DeepMIP database. <i>Geoscientific Model Development</i> , <b>2019</b> , 12, 3149-3206	6.3	78
70	The DeepMIP contribution to PMIP4: methodologies for selection, compilation and analysis of latest Paleocene and early Eocene climate proxy data, incorporating version 0.1 of the DeepMIP database <b>2019</b> ,		2
69	Late Pliocene vegetation turnover on the NE Tibetan Plateau (Central Asia) triggered by early Northern Hemisphere glaciation. <i>Global and Planetary Change</i> , <b>2019</b> , 180, 117-125	4.2	13
68	Diversification, Intensification and Specialization: Changing Land Use in Western Africa from 1800 BC to AD 1500. <i>Journal of World Prehistory</i> , <b>2019</b> , 32, 179-228	3.5	19
67	What can Palaeoclimate Modelling do for you?. <i>Earth Systems and Environment</i> , <b>2019</b> , 3, 1-18	7.5	23
66	Southern Ocean warming and Wilkes Land ice sheet retreat during the mid-Miocene. <i>Nature Communications</i> , <b>2018</b> , 9, 317	17.4	56
65	Orbital, tectonic and oceanographic controls on Pliocene climate and atmospheric circulation in Arctic Norway. <i>Global and Planetary Change</i> , <b>2018</b> , 161, 183-193	4.2	4

64	A late Holocene palaeoenvironmental snapshot of the Angamma Delta, Lake Megachad at the end of the African Humid Period. <i>Quaternary Science Reviews</i> , <b>2018</b> , 202, 182-196	3.9	7
63	Paleoceanography and ice sheet variability offshore Wilkes Land, Antarctica [Part 1: Insights from late Oligocene astronomically paced contourite sedimentation. <i>Climate of the Past</i> , <b>2018</b> , 14, 991-1014	3.9	28
62	Heterogeneity in global vegetation and terrestrial climate change during the late Eocene to early Oligocene transition. <i>Scientific Reports</i> , <b>2017</b> , 7, 43386	4.9	73
61	Detrital events and hydroclimate variability in the Romanian Carpathians during the mid-to-late Holocene. <i>Quaternary Science Reviews</i> , <b>2017</b> , 167, 78-95	3.9	17
60	Continental climate gradients in North America and Western Eurasia before and after the closure of the Central American Seaway. <i>Earth and Planetary Science Letters</i> , <b>2017</b> , 472, 120-130	5.3	11
59	The DeepMIP contribution to PMIP4: experimental design for model simulations of the EECO, PETM, and pre-PETM (version 1.0). <i>Geoscientific Model Development</i> , <b>2017</b> , 10, 889-901	6.3	62
58	Periodic input of dust over the Eastern Carpathians during the Holocene linked with Saharan desertification and human impact. <i>Climate of the Past</i> , <b>2017</b> , 13, 897-917	3.9	28
57	A new quantitative approach to identify reworking in Eocene to Miocene pollen records from offshore Antarctica using red fluorescence and digital imaging. <i>Biogeosciences</i> , <b>2017</b> , 14, 2089-2100	4.6	12
56	Mid-Piacenzian Variability of Nordic Seas Surface Circulation Linked to Terrestrial Climatic Change in Norway. <i>Paleoceanography</i> , <b>2017</b> , 32, 1336-1351		4
55	Five thousand years of tropical lake sediment DNA records from Benin. <i>Quaternary Science Reviews</i> , <b>2017</b> , 170, 203-211	3.9	18
54	Climate variability and long-term expansion of peatlands in Arctic Norway during the late Pliocene (ODP Site 642, Norwegian Sea). <i>Climate of the Past</i> , <b>2016</b> , 12, 1043-1060	3.9	20
53	The Pliocene Model Intercomparison Project (PlioMIP) Phase 2: scientific objectives and experimental design. <i>Climate of the Past</i> , <b>2016</b> , 12, 663-675	3.9	90
52	The PRISM4 (mid-Piacenzian) paleoenvironmental reconstruction. <i>Climate of the Past</i> , <b>2016</b> , 12, 1519-1538	3.9	95
51	Palynological evidence for a warmer boreal climate in the Late Pliocene of the Yukon Territory, Canada. <i>Palynology</i> , <b>2015</b> , 39, 91-102	1.5	12
50	Changes in Holocene climate and the intensity of Southern Hemisphere Westerly Winds based on a high-resolution palynological record from sub-Antarctic South Georgia. <i>Holocene</i> , <b>2015</b> , 25, 263-279	2.6	30
49	A global synthesis of the marine and terrestrial evidence for glaciation during the Pliocene Epoch. <i>Earth-Science Reviews</i> , <b>2014</b> , 135, 83-102	10.2	127
48	Can uncertainties in sea ice albedo reconcile patterns of data-model discord for the Pliocene and 20th/21st centuries?. <i>Geophysical Research Letters</i> , <b>2014</b> , 41, 2011-2018	4.9	9
47	Late Pliocene lakes and soils: a global data set for the analysis of climate feedbacks in a warmer world. <i>Climate of the Past</i> , <b>2014</b> , 10, 167-180	3.9	40

46	Holocene changes in African vegetation: tradeoff between climate and water availability. <i>Climate of the Past</i> , <b>2014</b> , 10, 681-686	3.9	75
45	Challenges in quantifying Pliocene terrestrial warming revealed by data-model discord. <i>Nature Climate Change</i> , <b>2013</b> , 3, 969-974	21.4	110
44	Reorganization of Southern Ocean plankton ecosystem at the onset of Antarctic glaciation. <i>Science</i> , <b>2013</b> , 340, 341-4	33.3	79
43	Sea surface temperature of the mid-Piacenzian ocean: a data-model comparison. <i>Scientific Reports</i> , <b>2013</b> , 3, 2013	4.9	108
42	On the identification of a Pliocene time slice for data-model comparison. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2013</b> , 371, 20120515	3	58
41	Large-scale features of Pliocene climate: results from the Pliocene Model Intercomparison Project. <i>Climate of the Past</i> , <b>2013</b> , 9, 191-209	3.9	237
40	Global vegetation dynamics and latitudinal temperature gradients during the Mid to Late Miocene (15.97-11.33Ma). <i>Earth-Science Reviews</i> , <b>2012</b> , 112, 1-22	10.2	198
39	On the causes of mid-Pliocene warmth and polar amplification. <i>Earth and Planetary Science Letters</i> , <b>2012</b> , 321-322, 128-138	5.3	86
38	The relative roles of CO <sub>2</sub> and palaeogeography in determining late Miocene climate: results from a terrestrial model-data comparison. <i>Climate of the Past</i> , <b>2012</b> , 8, 1257-1285	3.9	33
37	Corrigendum to "The relative roles of CO <sub>2</sub> and palaeogeography in determining late Miocene climate: results from a terrestrial model-data comparison" published in <i>Clim. Past</i> , 8, 1257-1285, 2012. <i>Climate of the Past</i> , <b>2012</b> , 8, 1301-1307	3.9	2
36	Comment on "Intensifying weathering and land use in Iron Age Central Africa". <i>Science</i> , <b>2012</b> , 337, 1040; author reply 1040	33.3	45
35	A Tortonian (Late Miocene, 11.61-11.25Ma) global vegetation reconstruction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2011</b> , 300, 29-45	2.9	121
34	How likely was a green Antarctic Peninsula during warm Pliocene interglacials? A critical reassessment based on new palynofloras from James Ross Island. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2011</b> , 309, 73-82	2.9	16
33	Sensitivity of Pliocene ice sheets to orbital forcing. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2011</b> , 309, 98-110	2.9	91
32	Pliocene climate variability: Northern Annular Mode in models and tree-ring data. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2011</b> , 309, 118-127	2.9	17
31	Climate and environment of a Pliocene warm world. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2011</b> , 309, 1-8	2.9	98
30	Pliocene aridification of Australia caused by tectonically induced weakening of the Indonesian throughflow. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2011</b> , 309, 111-117	2.9	26
29	Earth system sensitivity inferred from Pliocene modelling and data. <i>Nature Geoscience</i> , <b>2010</b> , 3, 60-64	18.3	199

28	Pliocene Model Intercomparison Project (PlioMIP): experimental design and boundary conditions (Experiment 1). <i>Geoscientific Model Development</i> , <b>2010</b> , 3, 227-242	6.3	144
27	Artisanal Fishery of the Mangrove Crab <i>Ucides cordatus</i> (Ucididae) and First Steps Toward a Successful Co-Management in Braganã, North Brazil. <i>Ecological Studies</i> , <b>2010</b> , 287-297	1.1	10
26	The Mangrove Information System MAIS: Managing and Integrating Interdisciplinary Research Data. <i>Ecological Studies</i> , <b>2010</b> , 355-364	1.1	1
25	The past is a guide to the future? Comparing Middle Pliocene vegetation with predicted biome distributions for the twenty-first century. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2009</b> , 367, 189-204	3	72
24	Plant migration and plant communities at the time of the "Green Sahara" <i>Comptes Rendus - Geoscience</i> , <b>2009</b> , 341, 656-670	1.4	83
23	Comparison of mid-Pliocene climate predictions produced by the HadAM3 and GCMAM3 General Circulation Models. <i>Global and Planetary Change</i> , <b>2009</b> , 66, 208-224	4.2	72
22	Neogene glacial debris flows on James Ross Island, northern Antarctic Peninsula, and their implications for regional climate history. <i>Quaternary Science Reviews</i> , <b>2009</b> , 28, 3138-3160	3.9	26
21	El Niño-Southern Oscillation, Pliocene climate and equifinality. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2009</b> , 367, 127-56	3	42
20	Lessons of the mid-Pliocene: Planet Earth's last interval of greater global warmth. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2009</b> , 6, 072003	0.3	
19	A new global biome reconstruction and data-model comparison for the Middle Pliocene. <i>Global Ecology and Biogeography</i> , <b>2008</b> , 17, 432-447	6.1	229
18	A methodology for targeting palaeo proxy data acquisition: A case study for the terrestrial late Miocene. <i>Earth and Planetary Science Letters</i> , <b>2008</b> , 271, 53-62	5.3	33
17	A new global biome reconstruction and data-model comparison for the Middle Pliocene. <i>Global Ecology and Biogeography</i> , <b>2008</b> ,	6.1	2
16	African pollen database inventory of tree and shrub pollen types. <i>Review of Palaeobotany and Palynology</i> , <b>2007</b> , 145, 135-141	1.7	79
15	Die westafrikanische Savanne –eine Zeitreise durch 20 000 Jahre <b>2005</b> , 39-68		
14	The Dahomey Gap: an abrupt climatically induced rain forest fragmentation in West Africa during the late Holocene. <i>Holocene</i> , <b>2005</b> , 15, 190-199	2.6	184
13	Palaeoenvironmental changes in the arid and sub arid belt (Sahara-Sahel-Arabian Peninsula) from 150 kyr to present. <i>Developments in Palaeoenvironmental Research</i> , <b>2004</b> , 219-256		89
12	Sebkhas as ecological archives and the vegetation and landscape history of southeastern Tunisia during the last two millennia. <i>Journal of African Earth Sciences</i> , <b>2002</b> , 34, 223-229	2.2	17
11	Late Quaternary Climate and Vegetation of the Sudanian Zone of Northeast Nigeria. <i>Quaternary Research</i> , <b>2002</b> , 58, 73-83	1.9	111

10	Are modern savannas degraded forests?-A Holocene pollen record from the Sudanian vegetation zone of NE Nigeria. <i>Vegetation History and Archaeobotany</i> , <b>2000</b> , 9, 1-15	2.6	61
9	The Holocene vegetational history of the Nigerian Sahel based on multiple pollen profiles. <i>Review of Palaeobotany and Palynology</i> , <b>1998</b> , 100, 39-72	1.7	70
8	Information from Paleoclimate Archives383-464		60
7	Pliocene Model Intercomparison (PlioMIP) Phase 2: scientific objectives and experimental design		5
6	Climate variability and long-term expansion of peat lands in Arctic Norway during the late Pliocene (ODP Site 642, Norwegian Sea)		2
5	The relative roles of CO <sub>2</sub> and palaeogeography in determining Late Miocene climate: results from a terrestrial model-data comparison		13
4	Late Pliocene lakes and soils: a data-model comparison for the analysis of climate feedbacks in a warmer world		2
3	Pliocene Model Intercomparison Project (PlioMIP): experimental design and boundary conditions (Experiment 1)		2
2	The Lake CHAd Deep DRILLing project (CHADRILL) targeting ~ 10 million years of environmental and climate change in Africa. <i>Scientific Drilling</i> ,24, 71-78		1
1	Eocene to Oligocene vegetation and climate in the Tasmanian Gateway region controlled by changes in ocean currents and pCO <sub>2</sub>		2