

# Samuel U Nussbaumer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4940089/publications.pdf>

Version: 2024-02-01

25  
papers

1,492  
citations

567281

15  
h-index

677142

22  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2189  
citing authors

#	ARTICLE	IF	CITATIONS
1	Historically unprecedented global glacier decline in the early 21st century. <i>Journal of Glaciology</i> , 2015, 61, 745-762.	2.2	561
2	Reanalysing glacier mass balance measurement series. <i>Cryosphere</i> , 2013, 7, 1227-1245.	3.9	217
3	Last phase of the Little Ice Age forced by volcanic eruptions. <i>Nature Geoscience</i> , 2019, 12, 650-656.	12.9	93
4	Glacier inventory and recent glacier variations in the Andes of Chile, South America. <i>Annals of Glaciology</i> , 2017, 58, 166-180.	1.4	84
5	Sensitivity of European glaciers to precipitation and temperature – two case studies. <i>Climatic Change</i> , 2008, 90, 413-441.	3.6	68
6	19th century glacier representations and fluctuations in the central and western European Alps: An interdisciplinary approach. <i>Global and Planetary Change</i> , 2008, 60, 42-57.	3.5	61
7	Alpine climate during the Holocene: a comparison between records of glaciers, lake sediments and solar activity. <i>Journal of Quaternary Science</i> , 2011, 26, 703-713.	2.1	56
8	The Little Ice Age history of the Glacier des Bossons (Mont Blanc massif, France): a new high-resolution glacier length curve based on historical documents. <i>Climatic Change</i> , 2012, 111, 301-334.	3.6	49
9	Reconstructing the annual mass balance of the Echaurren Norte glacier (Central Andes, 33.5° S) using local and regional hydroclimatic data. <i>Cryosphere</i> , 2016, 10, 927-940.	3.9	49
10	An introduction to mountain glaciers as climate indicators with spatial and temporal diversity. <i>Erdkunde</i> , 2010, 2010, 97-118.	0.8	31
11	Climate and glacier fluctuations at Jostedalsglaciären and Folgefonna, southwestern Norway and in the western Alps from the “Little Ice Age” until the present: The influence of the North Atlantic Oscillation. <i>Holocene</i> , 2012, 22, 235-247.	1.7	29
12	Reconstructions of late Holocene paleofloods and glacier length changes in the Upper Engadine, Switzerland (ca. 1450 BC–AD 420). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 311, 215-223.	2.3	25
13	Analysis of Weather- and Climate-Related Disasters in Mountain Regions Using Different Disaster Databases. <i>Sustainable Development Goals Series</i> , 2018, , 17-41.	0.4	21
14	Brief communication: Ad hoc estimation of glacier contributions to sea-level rise from the latest glaciological observations. <i>Cryosphere</i> , 2020, 14, 1043-1050.	3.9	18
15	Little Ice Age glacier history of the Central and Western Alps from pictorial documents. <i>Cuadernos De Investigacion Geografica</i> , 2018, 44, 115-136.	1.1	17
16	Worldwide Assessment of National Glacier Monitoring and Future Perspectives. <i>Mountain Research and Development</i> , 2019, 39, .	1.0	16
17	Glacier Monitoring and Capacity Building: Important Ingredients for Sustainable Mountain Development. <i>Mountain Research and Development</i> , 2017, 37, 141-152.	1.0	10
18	Elevation changes of the Holm Land Ice Cap, northeast Greenland, from 1978 to 2012–2015, derived from high-resolution digital elevation models. <i>Arctic, Antarctic, and Alpine Research</i> , 2018, 50, .	1.1	10

#	ARTICLE	IF	CITATIONS
19	IACS: past, present, and future of the International Association of Cryospheric Sciences. History of Geo- and Space Sciences, 2019, 10, 97-107.	0.4	5
20	De-icing landsystem model for the Universidad Glacier (34° S) in the Central Andes of Chile during the past ~6600 years. Geomorphology, 2022, 400, 108096.	2.6	3
21	Top of Europe: The Finsteraarhorn–Jungfrau Glacier Landscape. World Geomorphological Landscapes, 2021, , 217-233.	0.3	1
22	Setting the Scene: Adapting to Climate Change – A Large-Scale Challenge with Local-Scale Impacts. , 2016, , 3-15.		0
23	24. Réseau neuronal et fluctuations des glaciers dans les Alpes occidentales. , 2012, , 391-403.		0
24	23. Les glaciers des Alpes centrales et occidentales dans l'œmiconographie ancienne. , 2012, , 379-389.		0
25	Democratizing Glacier Data – Maturity of Worldwide Datasets and Future Ambitions. Frontiers in Climate, 0, 4, .	2.8	0