

# Nicolas N Champollion

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1431517/publications.pdf>

Version: 2024-02-01

14  
papers

917  
citations

759055

12  
h-index

1058333

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1287  
citing authors

#	ARTICLE	IF	CITATIONS
1	Projected land ice contributions to twenty-first-century sea level rise. <i>Nature</i> , 2021, 593, 74-82.	13.7	200
2	Partitioning the Uncertainty of Ensemble Projections of Global Glacier Mass Change. <i>Earth's Future</i> , 2020, 8, e2019EF001470.	2.4	121
3	The benefits to climate science of including early-career scientists as reviewers. <i>Geoscience Communication</i> , 2020, 3, 89-97.	0.5	5
4	The Open Global Glacier Model (OGGM) v1.1. <i>Geoscientific Model Development</i> , 2019, 12, 909-931.	1.3	128
5	Marked decrease in the near-surface snow density retrieved by AMSR-E satellite at Dome A, Antarctica, between 2002 and 2011. <i>Cryosphere</i> , 2019, 13, 1215-1232.	1.5	5
6	Limited influence of climate change mitigation on short-term glacier mass loss. <i>Nature Climate Change</i> , 2018, 8, 305-308.	8.1	95
7	Evaluating Model Simulations of Twentieth-Century Sea Level Rise. Part I: Global Mean Sea Level Change. <i>Journal of Climate</i> , 2017, 30, 8539-8563.	1.2	64
8	Total land water storage change over 2003–2013 estimated from a global mass budget approach. <i>Environmental Research Letters</i> , 2015, 10, 124010.	2.2	27
9	Effect of Snow Surface Metamorphism on Aquarius L-Band Radiometer Observations at Dome C, Antarctica. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 7408-7417.	2.7	23
10	Modeling the Microwave Emission of Bubbly Ice: Applications to Blue Ice and Superimposed Ice in the Antarctic and Arctic. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 6639-6651.	2.7	17
11	Brightness Temperature Simulations of the Canadian Seasonal Snowpack Driven by Measurements of the Snow Specific Surface Area. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013, 51, 4692-4704.	2.7	55
12	Hoar crystal development and disappearance at Dome C, Antarctica: observation by near-infrared photography and passive microwave satellite. <i>Cryosphere</i> , 2013, 7, 1247-1262.	1.5	36
13	New shortwave infrared albedo measurements for snow specific surface area retrieval. <i>Journal of Glaciology</i> , 2012, 58, 941-952.	1.1	47
14	Measurement of vertical profiles of snow specific surface area with a 1 cm resolution using infrared reflectance: instrument description and validation. <i>Journal of Glaciology</i> , 2011, 57, 17-29.	1.1	94