

Wouter Greuell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12066267/publications.pdf>

Version: 2024-02-01

22
papers

1,383
citations

430874

18
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

1852
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of climate change on European hydrology at 1.5, 2 and 3 degrees mean global warming above preindustrial level. <i>Climatic Change</i> , 2017, 143, 13-26.	3.6	193
2	Projections of future floods and hydrological droughts in Europe under a +2°C global warming. <i>Climatic Change</i> , 2016, 135, 341-355.	3.6	183
3	Elevational changes in meteorological variables along a midlatitude glacier during summer. <i>Journal of Geophysical Research</i> , 1997, 102, 25941-25954.	3.3	118
4	Modeling of snow and ice melt at ETH Camp (West Greenland): A study of surface albedo. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	109
5	A surface mass balance model for the Greenland Ice Sheet. <i>Journal of Geophysical Research</i> , 2005, 110, n/a-n/a.	3.3	92
6	2 m temperatures along melting mid-latitude glaciers, and implications for the sensitivity of the mass balance to variations in temperature. <i>Journal of Glaciology</i> , 1998, 44, 9-20.	2.2	85
7	Variations with elevation in the surface energy balance on the Pasterze (Austria). <i>Journal of Geophysical Research</i> , 2001, 106, 31717-31727.	3.3	84
8	Impacts of +2 °C global warming on winter tourism demand in Europe. <i>Climate Services</i> , 2017, 7, 31-46.	2.5	78
9	Temporal and spatial variation of the surface albedo of Morteratschgletscher, Switzerland, as derived from 12 Landsat images. <i>Journal of Glaciology</i> , 2003, 49, 491-502.	2.2	59
10	Evaluation of a high-resolution regional climate simulation over Greenland. <i>Climate Dynamics</i> , 2005, 25, 99-116.	3.8	48
11	Meltwater accumulation on the surface of the greenland ice sheet: effect on albedo and mass balance. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2000, 82, 489-498.	1.5	42
12	Narrowband-to-broadband albedo conversion for glacier ice and snow based on aircraft and near-surface measurements. <i>Remote Sensing of Environment</i> , 2002, 82, 48-63.	11.0	41
13	Anisotropic Reflection by Melting Glacier Ice. <i>Remote Sensing of Environment</i> , 1999, 70, 265-277.	11.0	40
14	Remote sensing of the albedo and detection of the slush line on the Greenland ice sheet. <i>Journal of Geophysical Research</i> , 2000, 105, 15567-15576.	3.3	39
15	Narrowband-to-broadband albedo conversion for glacier ice and snow: equations based on modeling and ranges of validity of the equations. <i>Remote Sensing of Environment</i> , 2004, 89, 95-105.	11.0	33
16	Assessment of interannual variations in the surface mass balance of 18 Svalbard glaciers from the Moderate Resolution Imaging Spectroradiometer/Terra albedo product. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	31
17	Modelling land-ice surface mass balance. , 2004, , 117-168.		24
18	Seasonal streamflow forecasts for Europe – Part 2: Sources of skill. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 371-391.	4.9	23

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19	Seasonal streamflow forecasts for Europe – Part I: Hindcast verification with pseudo- and real observations. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 3453-3472.	4.9	19
20	Energy Balance Calculations on and near Hintereisferner (Austria) and an Estimate of the Effect of Greenhouse Warming on Ablation. <i>Glaciology and Quaternary Geology</i> , 1989, , 305-323.	0.5	18
21	Validation of AVHRR- and MODIS-derived albedos of snow and ice surfaces by means of helicopter measurements. <i>Journal of Glaciology</i> , 2005, 51, 37-48.	2.2	16
22	Assessment of the surface mass balance along the K-transect (Greenland ice sheet) from satellite-derived albedos. <i>Annals of Glaciology</i> , 2005, 42, 107-117.	1.4	5