

Jan Nitzbon

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

518
citations

840776

11
h-index

1199594

12
g-index

31
all docs

31
docs citations

31
times ranked

799
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast response of cold ice-rich permafrost in northeast Siberia to a warming climate. <i>Nature Communications</i> , 2020, 11, 2201.	12.8	134
2	A 16-year record (2002–2017) of permafrost, active-layer, and meteorological conditions at the Samoylov Island Arctic permafrost research site, Lena River delta, northern Siberia: an opportunity to validate remote-sensing data and land surface, snow, and permafrost models. <i>Earth System Science Data</i> , 2019, 11, 261-299.	9.9	69
3	Thaw processes in ice-rich permafrost landscapes represented with laterally coupled tiles in a land surface model. <i>Cryosphere</i> , 2019, 13, 591-609.	3.9	57
4	Pathways of ice-wedge degradation in polygonal tundra under different hydrological conditions. <i>Cryosphere</i> , 2019, 13, 1089-1123.	3.9	46
5	Consequences of permafrost degradation for Arctic infrastructure – bridging the model gap between regional and engineering scales. <i>Cryosphere</i> , 2021, 15, 2451-2471.	3.9	42
6	Deciphering the imprint of topology on nonlinear dynamical network stability. <i>New Journal of Physics</i> , 2017, 19, 033029.	2.9	34
7	Stability Conditions of Peat Plateaus and Palsas in Northern Norway. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 705-719.	2.8	31
8	Sustainability, collapse and oscillations in a simple World-Earth model. <i>Environmental Research Letters</i> , 2017, 12, 074020.	5.2	22
9	Simulating Snow Redistribution and its Effect on Ground Surface Temperature at a High-Arctic Site on Svalbard. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2020JF005673.	2.8	20
10	Effects of multi-scale heterogeneity on the simulated evolution of ice-rich permafrost lowlands under a warming climate. <i>Cryosphere</i> , 2021, 15, 1399-1422.	3.9	16
11	Lateral thermokarst patterns in permafrost peat plateaus in northern Norway. <i>Cryosphere</i> , 2021, 15, 3423-3442.	3.9	11
12	A global total column ozone climate data record. <i>Earth System Science Data</i> , 2021, 13, 3885-3906.	9.9	9