Stein Rune Karlsen

List of Publications by Year
in descending order

17 papers	976 citations	623734 14 h-index	888059 17 g-index
17 all docs	17 docs citations	17 times ranked	1686 citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in growing season duration and productivity of northern vegetation inferred from long-term remote sensing data. Environmental Research Letters, 2016, 11, 084001.	5.2	223
2	MODIS-NDVI-based mapping of the length of the growing season in northern Fennoscandia. International Journal of Applied Earth Observation and Geoinformation, 2008, 10, 253-266.	2.8	105
3	Variability of the start of the growing season in Fennoscandia, 1982–2002. International Journal of Biometeorology, 2007, 51, 513-524.	3.0	96
4	Satellite-based mapping of the growing season and bioclimatic zones in Fennoscandia. Global Ecology and Biogeography, 2006, 15, 416-430.	5.8	75
5	Vegetation mapping of Svalbard utilising Landsat TM/ETM+ data. Polar Record, 2012, 48, 47-63.	0.8	72
6	Changes in greening in the high Arctic: insights from a 30 year AVHRR max NDVI dataset for Svalbard. Environmental Research Letters, 2016, 11, 105004.	5.2	63
7	Exploiting Time Series of Sentinel-1 and Sentinel-2 Imagery to Detect Meadow Phenology in Mountain Regions. Remote Sensing, 2019, 11, 542.	4.0	63
8	Trends in the Start of the Growing Season in Fennoscandia 1982–2011. Remote Sensing, 2013, 5, 4304-4318.	4.0	61
9	Using Ordinary Digital Cameras in Place of Near-Infrared Sensors to Derive Vegetation Indices for Phenology Studies of High Arctic Vegetation. Remote Sensing, 2016, 8, 847.	4.0	57
10	Spatial and Temporal Variability in the Onset of the Growing Season on Svalbard, Arctic Norway — Measured by MODIS-NDVI Satellite Data. Remote Sensing, 2014, 6, 8088-8106.	4.0	43
11	A new NDVI measure that overcomes data sparsity in cloud-covered regions predicts annual variation in ground-based estimates of high arctic plant productivity. Environmental Research Letters, 2018, 13, 025011.	5.2	41
12	Disentangling the coupling between sea ice and tundra productivity in Svalbard. Scientific Reports, 2017, 7, 8586.	3.3	25
13	A 20-Year MODIS-Based Snow Cover Dataset for Svalbard and Its Link to Phenological Timing and Sea Ice Variability. Remote Sensing, 2020, 12, 1123.	4.0	19
14	Time-Series of Cloud-Free Sentinel-2 NDVI Data Used in Mapping the Onset of Growth of Central Spitsbergen, Svalbard. Remote Sensing, 2021, 13, 3031.	4.0	17
15	Snow season variability in a boreal-Arctic transition area monitored by MODIS data. Environmental Research Letters, 2016, 11, 125005.	5.2	10
16	A Compilation of Snow Cover Datasets for Svalbard: A Multi-Sensor, Multi-Model Study. Remote Sensing, 2021, 13, 2002.	4.0	4
17	Multi-Sensor Analysis of Snow Seasonality and a Preliminary Assessment of SAR Backscatter Sensitivity to Arctic Vegetation: Limits and Capabilities. Remote Sensing, 2022, 14, 1866.	4.0	2