Rogier de Jong

List of Publications by Year
in descending order

31 papers	3,164 citations	331670 21 h-index	477307 29 g-index
31 all docs	31 docs citations	31 times ranked	4970 citing authors

#	Article	IF	Citations
1	Analysis of monotonic greening and browning trends from global NDVI time-series. Remote Sensing of Environment, 2011, 115, 692-702.	11.0	519
2	Complexity revealed in the greening of the Arctic. Nature Climate Change, 2020, 10, 106-117.	18.8	447
3	Trend changes in global greening and browning: contribution of shortâ€term trends to longerâ€term change. Global Change Biology, 2012, 18, 642-655.	9.5	353
4	No growth stimulation of Canadaâ€™s boreal forest under half-century of combined warming and CO ₂ fertilization. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E8406-E8414.	7.1	233
5	Shifts in Global Vegetation Activity Trends. Remote Sensing, 2013, 5, 1117-1133.	4.0	207
6	Strong contribution of autumn phenology to changes in satelliteâ€derived growing season length estimates across Europe (1982â€“2011). Global Change Biology, 2014, 20, 3457-3470.	9.5	201
7	Spatial relationship between climatologies and changes in global vegetation activity. Global Change Biology, 2013, 19, 1953-1964.	9.5	160
8	Barest Pixel Composite for Agricultural Areas Using Landsat Time Series. Remote Sensing, 2017, 9, 1245.	4.0	127
9	Variability and evolution of global land surface phenology over the past three decades (1982â€“2012). Global Change Biology, 2016, 22, 1456-1468.	9.5	123
10	Monitoring plant condition and phenology using infrared sensitive consumer grade digital cameras. Agricultural and Forest Meteorology, 2014, 184, 98-106.	4.8	113
11	Predicting Missing Values in Spatio-Temporal Remote Sensing Data. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 2841-2853.	6.3	89
12	Unusual forest growth decline in boreal North America covaries with the retreat of Arctic sea ice. Global Change Biology, 2014, 20, 851-866.	9.5	77
13	Quantitative mapping of global land degradation using Earth observations. International Journal of Remote Sensing, 2011, 32, 6823-6853.	2.9	57
14	Determination of grassland use intensity based on multi-temporal remote sensing data and ecological indicators. Remote Sensing of Environment, 2017, 198, 126-139.	11.0	57
15	Global and Regional Variability and Change in Terrestrial Ecosystems Net Primary Production and NDVI: A Model-Data Comparison. Remote Sensing, 2016, 8, 177.	4.0	55
16	Comparative study of three satellite image time-series decomposition methods for vegetation change detection. European Journal of Remote Sensing, 2018, 51, 607-615.	3.5	52
17	Spatial variation of human influences on grassland biomass on the Qinghai-Tibetan plateau. Science of the Total Environment, 2019, 665, 678-689.	8.0	41
18	Creating Multi-Temporal Composites of Airborne Imaging Spectroscopy Data in Support of Digital Soil Mapping. Remote Sensing, 2016, 8, 906.	4.0	38

#	Article	IF	Citations
19	Altitudeâ€dependent influence of snow cover on alpine land surface phenology. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 1107-1122.	3.0	38
20	Changes in grassland cover and in its spatial heterogeneity indicate degradation on the Qinghai-Tibetan Plateau. Ecological Indicators, 2020, 119, 106641.	6.3	35
21	Ecosystem service change caused by climatological and nonâ€climatological drivers: a Swiss case study. Ecological Applications, 2019, 29, e01901.	3.8	31
22	Land surface phenology and greenness in Alpine grasslands driven by seasonal snow and meteorological factors. Science of the Total Environment, 2020, 725, 138380.	8.0	22
23	Minimizing soil moisture variations in multi-temporal airborne imaging spectrometer data for digital soil mapping. Geoderma, 2019, 337, 607-621.	5.1	19
24	Relative Influence of Timing and Accumulation of Snow on Alpine Land Surface Phenology. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 561-576.	3.0	15
25	Spring Temperature and Snow Cover Climatology Drive the Advanced Springtime Phenology (1991â€“2014) in the European Alps. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG006150.	3.0	15
26	Comparison of vegetation phenological metrics extracted from GIMMS NDVIg and MERIS MTCI data sets over China. International Journal of Remote Sensing, 2015, 36, 300-317.	2.9	14
27	Giant tortoise habitats under increasing drought conditions on Aldabra Atollâ€”Ecological indicators to monitor rainfall anomalies and related vegetation activity. Ecological Indicators, 2017, 80, 354-362.	6.3	12
28	Spatial Differentiation of Arable Land and Permanent Grassland to Improve a Land Management Model for Nutrient Balancing. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 5655-5665.	4.9	9
29	Studying the Influence of Nitrogen Deposition, Precipitation, Temperature, and Sunshine in Remotely Sensed Gross Primary Production Response in Switzerland. Remote Sensing, 2019, 11, 1135.	4.0	3
30	Mapping ecosystem services using imaging spectroscopy data. , 2014, , .		1
31	Advancing Texture Metrics to Model Landscape Heterogeneity. , 2020, , .		1