Reto StÃ¶ckli

List of Publications by Year
in descending order

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24 papers	2,563 citations	516710 16 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	3779 citing authors

#	Article	IF	Citations
1	Improvements to the Community Land Model and their impact on the hydrological cycle. Journal of Geophysical Research, 2008, 113, .	3.3	649
2	European plant phenology and climate as seen in a 20-year AVHRR land-surface parameter dataset. International Journal of Remote Sensing, 2004, 25, 3303-3330.	2.9	336
3	Systematic assessment of terrestrial biogeochemistry in coupled climateâ€“carbon models. Global Change Biology, 2009, 15, 2462-2484.	9.5	324
4	Use of FLUXNET in the Community Land Model development. Journal of Geophysical Research, 2008, 113, .	3.3	210
5	A comparative study of satellite and ground-based phenology. International Journal of Biometeorology, 2007, 51, 405-414.	3.0	191
6	Remote sensing data assimilation for a prognostic phenology model. Journal of Geophysical Research, 2008, 113, .	3.3	160
7	Remote sensing of solar surface radiation for climate monitoring â€" the CM-SAF retrieval in international comparison. Remote Sensing of Environment, 2012, 118, 186-198.	11.0	138
8	A global reanalysis of vegetation phenology. Journal of Geophysical Research, 2011, 116, .	3.3	105
9	Quantitative phenological observations of a mixed beech forest in northern Switzerland with digital photography. Journal of Geophysical Research, 2008, 113, .	3.3	103
10	Meteosat Land Surface Temperature Climate Data Record: Achievable Accuracy and Potential Uncertainties. Remote Sensing, 2015, 7, 13139-13156.	4.0	74
11	The Role of the Effective Cloud Albedo for Climate Monitoring and Analysis. Remote Sensing, 2011, 3, 2305-2320.	4.0	44
12	Shifting relative importance of climatic constraints on land surface phenology. Environmental Research Letters, 2018, 13, 024025.	5.2	39
13	Spatial and Temporal Homogeneity of Solar Surface Irradiance across Satellite Generations. Remote Sensing, 2011, 3, 1029-1046.	4.0	35
14	A surface radiation climatology across two Meteosat satellite generations. Remote Sensing of Environment, 2014, 142, 103-110.	11.0	33
15	Quantifying the contribution of environmental factors to isoprene flux interannual variability. Atmospheric Environment, 2012, 54, 216-224.	4.1	25
16	Representing Grasslands Using Dynamic Prognostic Phenology Based on Biological Growth Stages: 1. Implementation in the Simple Biosphere Model (SiB4). Journal of Advances in Modeling Earth Systems, 2019, 11, 4423-4439.	3.8	20
17	Cloud Detection with Historical Geostationary Satellite Sensors for Climate Applications. Remote Sensing, 2019, 11, 1052.	4.0	17
18	Temperature anomaly reemergence in seasonally frozen soils. Journal of Geophysical Research, 2007, 112, .	3.3	12

#	Article	IF	Citations
19	On the Methods for Recalibrating Geostationary Longwave Channels Using Polar Orbiting Infrared Sounders. Remote Sensing, 2019, 11, 1171.	4.0	11
20	Flowering in the greenhouse. Nature, 2012, 485, 448-449.	27.8	10
21	Performance Assessment of the COMET Cloud Fractional Cover Climatology across Meteosat Generations. Remote Sensing, 2018, 10, 804.	4.0	10
22	The Impact of Time Difference between Satellite Overpass and Ground Observation on Cloud Cover Performance Statistics. Remote Sensing, 2014, 6, 12866-12884.	4.0	9
23	Temporal and spatial changes of Laika Glacier, Canadian Arctic, since 1959, inferred from satellite remote sensing and mass-balance modelling. Journal of Glaciology, 2008, 54, 857-866.	2.2	4
24	Spatial analysis of sunshine duration in complex terrain by nonâ€contemporaneous combination of station and satellite data. International Journal of Climatology, 2015, 35, 4771-4790.	3.5	4