

Simon Proud

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,813
citations

394421

19
h-index

454955

30
g-index

39
all docs

39
docs citations

39
times ranked

4337
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving discrimination between clouds and optically thick aerosol plumes in geostationary satellite data. <i>Atmospheric Measurement Techniques</i> , 2022, 15, 3031-3051.	3.1	2
2	Record-Low Cloud Temperatures Associated With a Tropical Deep Convective Event. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092261.	4.0	7
3	Quantifying aviation's contribution to global warming. <i>Environmental Research Letters</i> , 2021, 16, 104027.	5.2	61
4	Global quieting of high-frequency seismic noise due to COVID-19 pandemic lockdown measures. <i>Science</i> , 2020, 369, 1338-1343.	12.6	202
5	Go-Around Detection Using Crowd-Sourced ADS-B Position Data. <i>Aerospace</i> , 2020, 7, 16.	2.2	12
6	Cloud and radiation properties from ATSR-2 and AATSR data set version 3: a 17-year climatology of global cloud and radiation properties. <i>Earth System Science Data</i> , 2020, 12, 2121-2135.	9.9	5
7	The Community Cloud retrieval for CLimate (CC4CL) - Part 1: A framework applied to multiple satellite imaging sensors. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 3373-3396.	3.1	27
8	The Community Cloud retrieval for CLimate (CC4CL) - Part 2: The optimal estimation approach. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 3397-3431.	3.1	27
9	Unveiling aerosol-cloud interactions - Part 1: Cloud contamination in satellite products enhances the aerosol indirect forcing estimate. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 13151-13164.	4.9	61
10	Cloud property datasets retrieved from AVHRR, MODIS, AATSR and MERIS in the framework of the Cloud_cci project. <i>Earth System Science Data</i> , 2017, 9, 881-904.	9.9	75
11	Multilayer Perceptron Neural Networks Model for Meteosat Second Generation SEVIRI Daytime Cloud Masking. <i>Remote Sensing</i> , 2015, 7, 1529-1539.	4.0	40
12	Analysis of aircraft flights near convective weather over Europe. <i>Weather</i> , 2015, 70, 292-296.	0.7	9
13	Hygroscopic and phase separation properties of ammonium sulfate/organics/water ternary solutions. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 8975-8986.	4.9	23
14	Analysis of overshooting top detections by Meteosat Second Generation: a 5-year dataset. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 909-915.	2.7	16
15	Evaluating EO-based canopy water stress from seasonally detrended NDVI and SIWSI with modeled evapotranspiration in the Senegal River Basin. <i>Remote Sensing of Environment</i> , 2015, 159, 57-69.	11.0	14
16	Observation of Polar Mesospheric Clouds by Geostationary Satellite Sensors. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015, 12, 1332-1336.	3.1	4
17	Automated Water Extraction Index: A new technique for surface water mapping using Landsat imagery. <i>Remote Sensing of Environment</i> , 2014, 140, 23-35.	11.0	1,219
18	The Normalization of Surface Anisotropy Effects Present in SEVIRI Reflectances by Using the MODIS BRDF Method. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 6026-6039.	6.3	14

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19	Reconstructing the orbit of the Chelyabinsk meteor using satellite observations. <i>Geophysical Research Letters</i> , 2013, 40, 3351-3355.	4.0	12
20	Relation between Seasonally Detrended Shortwave Infrared Reflectance Data and Land Surface Moisture in Semi-Arid Sahel. <i>Remote Sensing</i> , 2013, 5, 2898-2927.	4.0	32
21	Evaluation of Earth Observation based global long term vegetation trends – Comparing GIMMS and MODIS global NDVI time series. <i>Remote Sensing of Environment</i> , 2012, 119, 131-147.	11.0	627
22	A system dynamics approach to land use changes in agro-pastoral systems on the desert margins of Sahel. <i>Agricultural Systems</i> , 2012, 107, 56-64.	6.1	62
23	Rapid response flood detection using the MSG geostationary satellite. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2011, 13, 536-544.	2.8	37
24	Analysing the advantages of high temporal resolution geostationary MSG SEVIRI data compared to Polar Operational Environmental Satellite data for land surface monitoring in Africa. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2011, 13, 721-729.	2.8	34
25	The influence of seasonal rainfall upon Sahel vegetation. <i>Remote Sensing Letters</i> , 2011, 2, 241-249.	1.4	19
26	Improving the SMAC atmospheric correction code by analysis of Meteosat Second Generation NDVI and surface reflectance data. <i>Remote Sensing of Environment</i> , 2010, 114, 1687-1698.	11.0	28
27	Modeling Angular Dependences in Land Surface Temperatures From the SEVIRI Instrument Onboard the Geostationary Meteosat Second Generation Satellites. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2010, 48, 3123-3133.	6.3	34
28	Detecting Canopy Water Status Using Shortwave Infrared Reflectance Data From Polar Orbiting and Geostationary Platforms. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2010, 3, 271-285.	4.9	34
29	Assessment of MODIS sun-sensor geometry variations effect on observed NDVI using MSG SEVIRI geostationary data. <i>International Journal of Remote Sensing</i> , 2010, 31, 6163-6187.	2.9	41
30	A comparison of the effectiveness of 6S and SMAC in correcting for atmospheric interference of Meteosat Second Generation images. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	22