Jaeil Cho

List of Publications by Year
in descending order

40 papers	747 citations	687363 13 h-index	552781 26 g-index
40 all docs	40 docs citations	40 times ranked	1288 citing authors

#	Article	IF	Citations
1	Incorporating Anthropogenic Water Regulation Modules into a Land Surface Model. Journal of Hydrometeorology, 2012, 13, 255-269.	1.9	226
2	A Comparison Between Major Artificial Intelligence Models for Crop Yield Prediction: Case Study of the Midwestern United States, 2006–2015. ISPRS International Journal of Geo-Information, 2019, 8, 240.	2.9	71
3	Satellite-Based Evaluation of the Post-Fire Recovery Process from the Worst Forest Fire Case in South Korea. Remote Sensing, 2018, 10, 918.	4.0	47
4	Simple modeling of the global variation in annual forest evapotranspiration. Journal of Hydrology, 2012, 420-421, 380-390.	5.4	33
5	Satellite-Based Prediction of Arctic Sea Ice Concentration Using a Deep Neural Network with Multi-Model Ensemble. Remote Sensing, 2019, 11, 19.	4.0	32
6	Performances of Vegetation Indices on Paddy Rice at Elevated Air Temperature, Heat Stress, and Herbicide Damage. Remote Sensing, 2020, 12, 2654.	4.0	27
7	On the relationship between the Bowen ratio and the near-surface air temperature. Theoretical and Applied Climatology, 2012, 108, 135-145.	2.8	24
8	Application of temperature, water stress, CO_2 in rice growth models. Rice, 2012, 5, 10.	4.0	20
9	An Artificial Intelligence Approach to Predict Gross Primary Productivity in the Forests of South Korea Using Satellite Remote Sensing Data. Forests, 2020, 11, 1000.	2.1	20
10	Testing the hypothesis on the relationship between aerodynamic roughness length and albedo using vegetation structure parameters. International Journal of Biometeorology, 2012, 56, 411-418.	3.0	18
11	An Artificial Intelligence Approach to Prediction of Corn Yields under Extreme Weather Conditions Using Satellite and Meteorological Data. Applied Sciences (Switzerland), 2020, 10, 3785.	2.5	18
12	Quantification of CO_2 fluxes in paddy rice based on the characterization and simulation of CO_2 assimilation approaches. Agricultural and Forest Meteorology, 2018, 249, 348-366.	4.8	14
13	Retrieval of Daily Reference Evapotranspiration for Croplands in South Korea Using Machine Learning with Satellite Images and Numerical Weather Prediction Data. Remote Sensing, 2020, 12, 3642.	4.0	14
14	Different Agricultural Responses to Extreme Drought Events in Neighboring Counties of South and North Korea. Remote Sensing, 2019, 11, 1773.	4.0	13
15	Statistical Modeling of Sea Ice Concentration Using Satellite Imagery and Climate Reanalysis Data in the Barents and Kara Seas, 1979–2012. Remote Sensing, 2014, 6, 5520-5540.	4.0	11
16	On the relationships between satellite-based drought index and gross primary production in the North Korean croplands, 2000–2012. Remote Sensing Letters, 2016, 7, 790-799.	1.4	11
17	The effect of estimated PAR uncertainties on the physiological processes of biosphere models. Ecological Modelling, 2010, 221, 1575-1579.	2.5	10
18	A study on the relationship between Atlantic sea surface temperature and Amazonian greenness. Ecological Informatics, 2010, 5, 367-378.	5.2	10

#	Article	IF	Citations
19	Detecting wildfires with the Korean geostationary meteorological satellite. Remote Sensing Letters, 2014, 5, 19-26.	1.4	10
20	Assessment of the relationship between thermal-infrared-based temperatureâˆ'vegetation dryness index and microwave satellite-derived soil moisture. Remote Sensing Letters, 2014, 5, 627-636.	1.4	10
21	<i>FluxPro</i> as a realtime monitoring and surveilling system for eddy covariance flux measurement. J Agricultural Meteorology, 2015, 71, 32-50.	1.5	10
22	The effects of annual precipitation and mean air temperature on annual runoff in global forest regions. Climatic Change, 2011, 108, 401-410.	3.6	9
23	Simple method for extracting the seasonal signals of photochemical reflectance index and normalized difference vegetation index measured using a spectral reflectance sensor. Journal of Integrative Agriculture, 2021, 20, 1969-1986.	3.5	9
24	Inter-Comparison of Normalized Difference Vegetation Index Measured from Different Footprint Sizes in Cropland. Remote Sensing, 2020, 12, 2980.	4.0	8
25	Difference in the Priestleyâ€"Taylor coefficients at two different heights of a tall micrometeorological tower. Agricultural and Forest Meteorology, 2013, 180, 97-101.	4.8	7
26	The effect of fractional vegetation cover on the relationship between EVI and soil moisture in non-forest regions. Remote Sensing Letters, 2014, 5, 37-45.	1.4	7
27	The effect of precipitation and air temperature on landâ€‹cover change in the Sahel. Water and Environment Journal, 2015, 29, 439-445.	2.2	7
28	Infrared Soil Moisture Retrieval Algorithm Using Temperature-Vegetation Dryness Index and Moderate Resolution Imaging Spectroradiometer Data. Asia-Pacific Journal of Atmospheric Sciences, 2020, 56, 275-289.	2.3	7
29	The characteristic of fractional uncertainty on eddy covariance measurement. J Agricultural Meteorology, 2011, 67, 163-171.	1.5	7
30	Satellite-based assessment of large-scale land cover change in Asian arid regions in the period of 2001â€"2009. Environmental Earth Sciences, 2014, 71, 3935-3944.	2.7	6
31	Satellite-based assessment of Amazonian surface dryness due to deforestation. Remote Sensing Letters, 2016, 7, 71-80.	1.4	6
32	Tolerance of eddy covariance flux measurement. Hydrological Research Letters, 2011, 5, 73-77.	0.5	5
33	Optical Sensing for Evaluating the Severity of Disease Caused by Cladosporium sp. in Barley under Warmer Conditions. Plant Pathology Journal, 2018, 34, 236-240.	1.7	5
34	Estimating midday near-surface air temperature by weighted consideration of surface and atmospheric moisture conditions using COMS and SPOT satellite data. International Journal of Remote Sensing, 2015, 36, 3503-3518.	2.9	4
35	First retrieval of fire radiative power from COMS data using the mid-infrared radiance method. Remote Sensing Letters, 2017, 8, 116-125.	1.4	4
36	Synthetic retrieval of hourly net ecosystem exchange using the neural network model with combined MI and GOCI geostationary sensor datasets and ground-based measurements. International Journal of Remote Sensing, 2017, 38, 7441-7456.	2.9	2

#	ARTICLE	IF	CITATIONS
37	Satellite-based assessment of rapid mega-urban development on agricultural land. J Agricultural Meteorology, 2018, 74, 87-91.	1.5	2
38	Blending of satellite SST products using ensemble Bayesian model averaging (EBMA). Remote Sensing Letters, 2016, 7, 827-836.	1.4	1
39	A scattering-based over-land rainfall retrieval algorithm for South Korea using GCOM-W1/AMSR-2 data. Asia-Pacific Journal of Atmospheric Sciences, 2017, 53, 385-392.	2.3	1
40	Characteristics of the relative sampling error and its application to flux aggregation in eddy covariance measurements. J Agricultural Meteorology, 2020, 76, 89-95.	1.5	1