

Jaeil Cho

List of Publications by Year in descending order

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Version: 2024-02-01

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	Simple method for extracting the seasonal signals of photochemical reflectance index and normalized difference vegetation index measured using a spectral reflectance sensor. <i>Journal of Integrative Agriculture</i> , 2021, 20, 1969-1986.	3.5	9
2	Inter-Comparison of Normalized Difference Vegetation Index Measured from Different Footprint Sizes in Cropland. <i>Remote Sensing</i> , 2020, 12, 2980.	4.0	8
3	Retrieval of Daily Reference Evapotranspiration for Croplands in South Korea Using Machine Learning with Satellite Images and Numerical Weather Prediction Data. <i>Remote Sensing</i> , 2020, 12, 3642.	4.0	14
4	Performances of Vegetation Indices on Paddy Rice at Elevated Air Temperature, Heat Stress, and Herbicide Damage. <i>Remote Sensing</i> , 2020, 12, 2654.	4.0	27
5	An Artificial Intelligence Approach to Predict Gross Primary Productivity in the Forests of South Korea Using Satellite Remote Sensing Data. <i>Forests</i> , 2020, 11, 1000.	2.1	20
6	An Artificial Intelligence Approach to Prediction of Corn Yields under Extreme Weather Conditions Using Satellite and Meteorological Data. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3785.	2.5	18
7	Infrared Soil Moisture Retrieval Algorithm Using Temperature-Vegetation Dryness Index and Moderate Resolution Imaging Spectroradiometer Data. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2020, 56, 275-289.	2.3	7
8	Characteristics of the relative sampling error and its application to flux aggregation in eddy covariance measurements. <i>J Agricultural Meteorology</i> , 2020, 76, 89-95.	1.5	1
9	Different Agricultural Responses to Extreme Drought Events in Neighboring Counties of South and North Korea. <i>Remote Sensing</i> , 2019, 11, 1773.	4.0	13
10	A Comparison Between Major Artificial Intelligence Models for Crop Yield Prediction: Case Study of the Midwestern United States, 2006–2015. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 240.	2.9	71
11	Satellite-Based Prediction of Arctic Sea Ice Concentration Using a Deep Neural Network with Multi-Model Ensemble. <i>Remote Sensing</i> , 2019, 11, 19.	4.0	32
12	Quantification of CO ₂ fluxes in paddy rice based on the characterization and simulation of CO ₂ assimilation approaches. <i>Agricultural and Forest Meteorology</i> , 2018, 249, 348-366.	4.8	14
13	Optical Sensing for Evaluating the Severity of Disease Caused by <i>Cladosporium</i> sp. in Barley under Warmer Conditions. <i>Plant Pathology Journal</i> , 2018, 34, 236-240.	1.7	5
14	Satellite-Based Evaluation of the Post-Fire Recovery Process from the Worst Forest Fire Case in South Korea. <i>Remote Sensing</i> , 2018, 10, 918.	4.0	47
15	Satellite-based assessment of rapid mega-urban development on agricultural land. <i>J Agricultural Meteorology</i> , 2018, 74, 87-91.	1.5	2
16	First retrieval of fire radiative power from COMS data using the mid-infrared radiance method. <i>Remote Sensing Letters</i> , 2017, 8, 116-125.	1.4	4
17	A scattering-based over-land rainfall retrieval algorithm for South Korea using GCOM-W1/AMSR-2 data. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2017, 53, 385-392.	2.3	1
18	Synthetic retrieval of hourly net ecosystem exchange using the neural network model with combined MI and GOCL geostationary sensor datasets and ground-based measurements. <i>International Journal of Remote Sensing</i> , 2017, 38, 7441-7456.	2.9	2

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19	Blending of satellite SST products using ensemble Bayesian model averaging (EBMA). Remote Sensing Letters, 2016, 7, 827-836.	1.4	1
20	On the relationships between satellite-based drought index and gross primary production in the North Korean croplands, 2000â€“2012. Remote Sensing Letters, 2016, 7, 790-799.	1.4	11
21	Satellite-based assessment of Amazonian surface dryness due to deforestation. Remote Sensing Letters, 2016, 7, 71-80.	1.4	6
22	<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
23	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
24	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
25	Statistical Modeling of Sea Ice Concentration Using Satellite Imagery and Climate Reanalysis Data in the Barents and Kara Seas, 1979â€“2012. Remote Sensing, 2014, 6, 5520-5540.	4.0	11
26	Detecting wildfires with the Korean geostationary meteorological satellite. Remote Sensing Letters, 2014, 5, 19-26.	1.4	10
27	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
28	Assessment of the relationship between thermal-infrared-based temperatureâ€“vegetation dryness index and microwave satellite-derived soil moisture. Remote Sensing Letters, 2014, 5, 627-636.	1.4	10
29	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
30	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
31	Incorporating Anthropogenic Water Regulation Modules into a Land Surface Model. Journal of Hydrometeorology, 2012, 13, 255-269.	1.9	226
32	Application of temperature, water stress, CO2 in rice growth models. Rice, 2012, 5, 10.	4.0	20
33	On the relationship between the Bowen ratio and the near-surface air temperature. Theoretical and Applied Climatology, 2012, 108, 135-145.	2.8	24
34	Simple modeling of the global variation in annual forest evapotranspiration. Journal of Hydrology, 2012, 420-421, 380-390.	5.4	33
35	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
36	Tolerance of eddy covariance flux measurement. Hydrological Research Letters, 2011, 5, 73-77.	0.5	5

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37	The effects of annual precipitation and mean air temperature on annual runoff in global forest regions. <i>Climatic Change</i> , 2011, 108, 401-410.	3.6	9
38	The characteristic of fractional uncertainty on eddy covariance measurement. <i>J Agricultural Meteorology</i> , 2011, 67, 163-171.	1.5	7
39	The effect of estimated PAR uncertainties on the physiological processes of biosphere models. <i>Ecological Modelling</i> , 2010, 221, 1575-1579.	2.5	10
40	A study on the relationship between Atlantic sea surface temperature and Amazonian greenness. <i>Ecological Informatics</i> , 2010, 5, 367-378.	5.2	10