Kun Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4159157/publications.pdf

Version: 2024-02-01

22	665	516710 16	677142 22
papers	citations	h-index	g-index

23	23	23	768
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dynamically Induced Largeâ€Scale, Selective, and Vertical Structure Growth of MoS₂ Nanosheets. Advanced Engineering Materials, 2022, 24, 2101105.	3.5	1
2	Uncertainties in partitioning evapotranspiration by two remote sensing-based models. Journal of Hydrology, 2022, 604, 127223.	5.4	16
3	Estimation of Global Irrigation Water Use by the Integration of Multiple Satellite Observations. Water Resources Research, 2022, 58, .	4.2	46
4	Discrepant responses between evapotranspiration- and transpiration-based ecosystem water use efficiency to interannual precipitation fluctuations. Agricultural and Forest Meteorology, 2021, 303, 108385.	4.8	21
5	Sensitivity analysis and estimation using a hierarchical Bayesian method for the parameters of the FvCB biochemical photosynthetic model. Photosynthesis Research, 2020, 143, 45-66.	2.9	6
6	Soil respiration in an irrigated oasis agroecosystem: linking environmental controls with plant activities on hourly, daily and monthly timescales. Plant and Soil, 2020, 447, 347-364.	3.7	9
7	A spatial-temporal continuous dataset of the transpiration to evapotranspiration ratio in China from 1981â€“2015. Scientific Data, 2020, 7, 369.	5.3	21
8	Evaluation of Evapotranspiration Models Using Different LAI and Meteorological Forcing Data from 1982 to 2017. Remote Sensing, 2020, 12, 2473.	4.0	14
9	Development and evaluation of a simple hydrologically based model for terrestrial evapotranspiration simulations. Journal of Hydrology, 2019, 577, 123928.	5.4	10
10	An increasing trend in the ratio of transpiration to total terrestrial evapotranspiration in China from 1982 to 2015 caused by greening and warming. Agricultural and Forest Meteorology, 2019, 279, 107701.	4.8	67
11	Parameter Analysis and Estimates for the MODIS Evapotranspiration Algorithm and Multiscale Verification. Water Resources Research, 2019, 55, 2211-2231.	4.2	47
12	The characteristics of evapotranspiration and crop coefficients of an irrigated vineyard in arid Northwest China. Agricultural Water Management, 2019, 212, 388-398.	5.6	37
13	A new moving strategy for the sequential Monte Carlo approach in optimizing the hydrological model parameters. Advances in Water Resources, 2018, 114, 164-179.	3.8	25
14	A hierarchical Bayesian approach for multiâ€site optimization of a satelliteâ€based evapotranspiration model. Hydrological Processes, 2018, 32, 3907-3923.	2.6	6
15	Partitioning evapotranspiration using an optimized satellite-based ET model across biomes. Agricultural and Forest Meteorology, 2018, 259, 355-363.	4.8	52
16	Parameter sensitivity analysis and optimization for a satelliteâ€based evapotranspiration model across multiple sites using Moderate Resolution Imaging Spectroradiometer and flux data. Journal of Geophysical Research D: Atmospheres, 2017, 122, 230-245.	3.3	43
17	Multi-model ensemble prediction of terrestrial evapotranspiration across north China using Bayesian model averaging. Hydrological Processes, 2016, 30, 2861-2879.	2.6	46
18	Energy exchange and evapotranspiration over irrigated seed maize agroecosystems in a desert-oasis region, northwest China. Agricultural and Forest Meteorology, 2016, 223, 48-59.	4.8	59

#	Article	IF	Citations
19	Evaluating the complementary relationship for estimating evapotranspiration using the multi-site data across north China. Agricultural and Forest Meteorology, 2016, 230-231, 33-44.	4.8	18
20	Hysteresis loops between canopy conductance of grapevines and meteorological variables in an oasis ecosystem. Agricultural and Forest Meteorology, 2015, 214-215, 319-327.	4.8	30
21	Modelling evapotranspiration in an alpine grassland ecosystem on Qinghai-Tibetan plateau. Hydrological Processes, 2014, 28, 610-619.	2.6	18
22	Estimating actual evapotranspiration from an alpine grassland on Qinghai-Tibetan plateau using a two-source model and parameter uncertainty analysis by Bayesian approach. Journal of Hydrology, 2013, 476, 42-51.	5.4	73