

Kun Zhang

List of Publications by Year in descending order

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

Version: 2024-02-01

22
papers

665
citations

516681

16
h-index

677123

22
g-index

23
all docs

23
docs citations

23
times ranked

768
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamically Induced Large-scale, Selective, and Vertical Structure Growth of MoS ₂ Nanosheets. <i>Advanced Engineering Materials</i> , 2022, 24, 2101105.	3.5	1
2	Uncertainties in partitioning evapotranspiration by two remote sensing-based models. <i>Journal of Hydrology</i> , 2022, 604, 127223.	5.4	16
3	Estimation of Global Irrigation Water Use by the Integration of Multiple Satellite Observations. <i>Water Resources Research</i> , 2022, 58, .	4.2	46
4	Discrepant responses between evapotranspiration- and transpiration-based ecosystem water use efficiency to interannual precipitation fluctuations. <i>Agricultural and Forest Meteorology</i> , 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. <i>Photosynthesis Research</i> , 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. <i>Plant and Soil</i> , 2020, 447, 347-364.	3.7	9
7	A spatial-temporal continuous dataset of the transpiration to evapotranspiration ratio in China from 1981 to 2015. <i>Scientific Data</i> , 2020, 7, 369.	5.3	21
8	Evaluation of Evapotranspiration Models Using Different LAI and Meteorological Forcing Data from 1982 to 2017. <i>Remote Sensing</i> , 2020, 12, 2473.	4.0	14
9	Development and evaluation of a simple hydrologically based model for terrestrial evapotranspiration simulations. <i>Journal of Hydrology</i> , 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. <i>Agricultural and Forest Meteorology</i> , 2019, 279, 107701.	4.8	67
11	Parameter Analysis and Estimates for the MODIS Evapotranspiration Algorithm and Multiscale Verification. <i>Water Resources Research</i> , 2019, 55, 2211-2231.	4.2	47
12	The characteristics of evapotranspiration and crop coefficients of an irrigated vineyard in arid Northwest China. <i>Agricultural Water Management</i> , 2019, 212, 388-398.	5.6	37
13	A new moving strategy for the sequential Monte Carlo approach in optimizing the hydrological model parameters. <i>Advances in Water Resources</i> , 2018, 114, 164-179.	3.8	25
14	A hierarchical Bayesian approach for multi-site optimization of a satellite-based evapotranspiration model. <i>Hydrological Processes</i> , 2018, 32, 3907-3923.	2.6	6
15	Partitioning evapotranspiration using an optimized satellite-based ET model across biomes. <i>Agricultural and Forest Meteorology</i> , 2018, 259, 355-363.	4.8	52
16	Parameter sensitivity analysis and optimization for a satellite-based evapotranspiration model across multiple sites using Moderate Resolution Imaging Spectroradiometer and flux data. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 230-245.	3.3	43
17	Multi-model ensemble prediction of terrestrial evapotranspiration across north China using Bayesian model averaging. <i>Hydrological Processes</i> , 2016, 30, 2861-2879.	2.6	46
18	Energy exchange and evapotranspiration over irrigated seed maize agroecosystems in a desert-oasis region, northwest China. <i>Agricultural and Forest Meteorology</i> , 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. <i>Agricultural and Forest Meteorology</i> , 2016, 230-231, 33-44.	4.8	18
20	Hysteresis loops between canopy conductance of grapevines and meteorological variables in an oasis ecosystem. <i>Agricultural and Forest Meteorology</i> , 2015, 214-215, 319-327.	4.8	30
21	Modelling evapotranspiration in an alpine grassland ecosystem on Qinghai-Tibetan plateau. <i>Hydrological Processes</i> , 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. <i>Journal of Hydrology</i> , 2013, 476, 42-51.	5.4	73