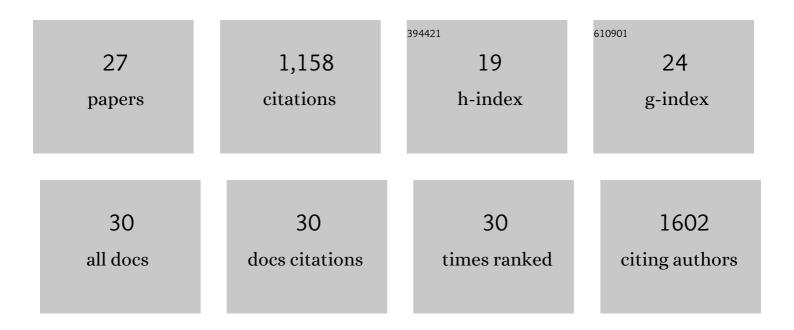
## **Bin Fang**

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Land surface phenology derived from normalized difference vegetation index (NDVI) at global FLUXNET sites. Agricultural and Forest Meteorology, 2017, 233, 171-182.	4.8	154
2	Soil moisture at watershed scale: Remote sensing techniques. Journal of Hydrology, 2014, 516, 258-272.	5.4	120
3	Spring green-up phenology products derived from MODIS NDVI and EVI: Intercomparison, interpretation and validation using National Phenology Network and AmeriFlux observations. Ecological Indicators, 2017, 77, 323-336.	6.3	97
4	Water, Energy, and Carbon with Artificial Neural Networks (WECANN): a statistically based estimate of global surface turbulent fluxes and gross primary productivity using solar-induced fluorescence. Biogeosciences, 2017, 14, 4101-4124.	3.3	97
5	Improved modeling of land surface phenology using MODIS land surface reflectance and temperature at evergreen needleleaf forests of central North America. Remote Sensing of Environment, 2016, 176, 152-162.	11.0	85
6	Passive Microwave Soil Moisture Downscaling Using Vegetation Index and Skin Surface Temperature. Vadose Zone Journal, 2013, 12, 1-19.	2.2	79
7	Spring green-up date derived from GIMMS3g and SPOT-VGT NDVI of winter wheat cropland in the North China Plain. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 130, 81-91.	11.1	70
8	Downscaling of SMAP Soil Moisture Using Land Surface Temperature and Vegetation Data. Vadose Zone Journal, 2018, 17, 1-15.	2.2	57
9	Drought monitoring using high spatial resolution soil moisture data over Australia in 2015–2019. Journal of Hydrology, 2021, 594, 125960.	5.4	43
10	The Influences of Drought and Land-Cover Conversion on Inter-Annual Variation of NPP in the Three-North Shelterbelt Program Zone of China Based on MODIS Data. PLoS ONE, 2016, 11, e0158173.	2.5	41
11	AMSR2 Soil Moisture Downscaling Using Temperature and Vegetation Data. Remote Sensing, 2018, 10, 1575.	4.0	38
12	Improved modeling of gross primary production from a better representation of photosynthetic components in vegetation canopy. Agricultural and Forest Meteorology, 2017, 233, 222-234.	4.8	34
13	Evaluation and validation of a high spatial resolution satellite soil moisture product over the Continental United States. Journal of Hydrology, 2020, 588, 125043.	5.4	32
14	Improved modeling of gross primary productivity (GPP) by better representation of plant phenological indicators from remote sensing using a process model. Ecological Indicators, 2018, 88, 332-340.	6.3	30
15	Passive/active microwave soil moisture change disaggregation using SMAPVEX12 data. Journal of Hydrology, 2019, 574, 1085-1098.	5.4	29
16	Evaluating Biasâ€Corrected AMSRâ€E Soil Moisture using in situ Observations and Model Estimates. Vadose Zone Journal, 2013, 12, 1-13.	2.2	27
17	A global 1â€km downscaled SMAP soil moisture product based on thermal inertia theory. Vadose Zone Journal, 2022, 21, .	2.2	26
18	Downscaling of SMAP Soil Moisture in the Lower Mekong River Basin. Water (Switzerland), 2020, 12, 56.	2.7	25

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#	Article	IF	CITATIONS
19	Very High Spatial Resolution Downscaled SMAP Radiometer Soil Moisture in the CONUS Using VIIRS/MODIS Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 4946-4965.	4.9	20
20	Assessing Disaggregated SMAP Soil Moisture Products in the United States. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 2577-2592.	4.9	12
21	Thermal Hydraulic Disaggregation of SMAP Soil Moisture Over the Continental United States. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 4072-4092.	4.9	6
22	New feature selection method for EO-1/Hyperion image classification: a case study of Subei region, China. , 2007, , .		2
23	Passive/active microwave soil moisture retrieval disaggregation using SMAPVEX12 data. Proceedings of SPIE, 2014, , .	0.8	2
24	Downscaling and Validation of SMAP Radiometer Soil Moisture in CONUS. , 2019, , .		1
25	Spatial downscaling of coarse passive radiometer soil moisture using radar, vegetation index and surface temperature. , 2013, , .		0
26	Passive/active microwave soil moisture disaggregation using SMAP data. , 2017, , .		0
27	Smap Radiometer Soil Moisture Downscaling in Conus. , 2018, , .		0