

# Xiuliang Yuan

## List of Publications by Year in descending order

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15  
papers

275  
citations

1163117

8  
h-index

996975

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g-index

15  
all docs

15  
docs citations

15  
times ranked

361  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulated effects of plastic film-mulched soil on surface energy fluxes based on optimized TSEB model in a drip-irrigated cotton field. <i>Agricultural Water Management</i> , 2022, 262, 107394.	5.6	6
2	Interplay Between Urbanization and Irrigation on Summer Climate in the Huangâ€Huaiâ€Hai Plain, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	4
3	The sensitivity of global surface air temperature to vegetation greenness. <i>International Journal of Climatology</i> , 2021, 41, 483-496.	3.5	20
4	Assessment of surface roughness and fractional vegetation coverage in the CoLM for modeling regional land surface temperature. <i>Agricultural and Forest Meteorology</i> , 2021, 303, 108390.	4.8	9
5	Quantifying the response of surface urban heat island to urban greening in global north megacities. <i>Science of the Total Environment</i> , 2021, 801, 149553.	8.0	37
6	Partitioning Global Surface Energy and Their Controlling Factors Based on Machine Learning. <i>Remote Sensing</i> , 2020, 12, 3712.	4.0	2
7	Process refinement contributed more than parameter optimization to improve the CoLM's performance in simulating the carbon and water fluxes in a grassland. <i>Agricultural and Forest Meteorology</i> , 2020, 291, 108067.	4.8	7
8	Modeling the effects of drip irrigation under plastic mulch on vapor and energy fluxes in oasis agroecosystems, Xinjiang, China. <i>Agricultural and Forest Meteorology</i> , 2019, 265, 435-442.	4.8	22
9	Future Projected Changes in Local Evapotranspiration Coupled with Temperature and Precipitation Variation. <i>Sustainability</i> , 2018, 10, 3281.	3.2	8
10	Vegetation changes and land surface feedbacks drive shifts in local temperatures over Central Asia. <i>Scientific Reports</i> , 2017, 7, 3287.	3.3	55
11	The Temporal and Spatial Distributions of the Near-Surface CO2 Concentrations in Central Asia and Analysis of Their Controlling Factors. <i>Atmosphere</i> , 2017, 8, 85.	2.3	20
12	The dominant role of climate change in determining changes in evapotranspiration in Xinjiang, China from 2001 to 2012. <i>PLoS ONE</i> , 2017, 12, e0183071.	2.5	7
13	Estimation of above-ground biomass using MODIS satellite imagery of multiple land-cover types in China. <i>Remote Sensing Letters</i> , 2016, 7, 1141-1149.	1.4	13
14	Effects of Precipitation Intensity and Temperature on NDVI-Based Grass Change over Northern China during the Period from 1982 to 2011. <i>Remote Sensing</i> , 2015, 7, 10164-10183.	4.0	50
15	Increased grass NDVI under contrasting trends of precipitation change over North China during 1982â€2011. <i>Remote Sensing Letters</i> , 2015, 6, 69-77.	1.4	15