

# Yunquan Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

369  
citations

840776

11  
h-index

940533

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

395  
citing authors

#	ARTICLE	IF	CITATIONS
1	The composition and distribution of chemicals and isotopes in precipitation in the Shiyang River system, northwestern China. <i>Journal of Hydrology</i> , 2012, 436-437, 92-101.	5.4	67
2	Partitioning evapotranspiration using an optimized satellite-based ET model across biomes. <i>Agricultural and Forest Meteorology</i> , 2018, 259, 355-363.	4.8	52
3	A vegetation-focused soil-plant-atmospheric continuum model to study hydrodynamic soil-plant water relations. <i>Water Resources Research</i> , 2017, 53, 4965-4983.	4.2	39
4	A mathematically continuous model for describing the hydraulic properties of unsaturated porous media over the entire range of matric suctions. <i>Journal of Hydrology</i> , 2016, 541, 873-888.	5.4	33
5	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
6	Alternative Model for Predicting Soil Hydraulic Conductivity Over the Complete Moisture Range. <i>Water Resources Research</i> , 2018, 54, 6860-6876.	4.2	22
7	A new theoretical model accounting for film flow in unsaturated porous media. <i>Water Resources Research</i> , 2013, 49, 5021-5028.	4.2	21
8	Spatial distribution of chloride and nitrate within an unsaturated dune sand of a cold-arid desert: Implications for paleoenvironmental records. <i>Catena</i> , 2012, 96, 68-75.	5.0	19
9	Simulation of the migration and transformation of petroleum pollutants in the soils of the Loess plateau: a case study in the Maling oil field of northwestern China. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 8023-8034.	2.7	18
10	Determination of the saturated film conductivity to improve the EMFX model in describing the soil hydraulic properties over the entire moisture range. <i>Journal of Hydrology</i> , 2017, 549, 38-49.	5.4	16
11	Daytime and nighttime warming has no opposite effects on vegetation phenology and productivity in the northern hemisphere. <i>Science of the Total Environment</i> , 2022, 822, 153386.	8.0	12
12	A Physically Based Method for Soil Evaporation Estimation by Revisiting the Soil Drying Process. <i>Water Resources Research</i> , 2019, 55, 9092-9110.	4.2	11
13	Development and evaluation of a simple hydrologically based model for terrestrial evapotranspiration simulations. <i>Journal of Hydrology</i> , 2019, 577, 123928.	5.4	10
14	Improved Prediction of Hydraulic Conductivity With a Soil Water Retention Curve That Accounts for Both Capillary and Adsorption Forces. <i>Water Resources Research</i> , 2022, 58, .	4.2	9
15	Development of a New Pedotransfer Function Addressing Limitations in Soil Hydraulic Models and Observations. <i>Water Resources Research</i> , 2022, 58, .	4.2	7
16	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