

# Tengfei Yu

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

471  
citations

623734

14  
h-index

713466

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

484  
citing authors

#	ARTICLE	IF	CITATIONS
1	Water use sources of desert riparian <i>Populus euphratica</i> forests. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 5469-5477.	2.7	54
2	Hydraulic redistribution of soil water by roots of two desert riparian phreatophytes in northwest China's extremely arid region. <i>Plant and Soil</i> , 2013, 372, 297-308.	3.7	53
3	Effects of water and salinity on plant species composition and community succession in Ejina Desert Oasis, northwest China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	52
4	Combating desertification through economic development in northwestern China. <i>Land Degradation and Development</i> , 2019, 30, 910-917.	3.9	36
5	Depressed hydraulic redistribution of roots more by stem refilling than by nocturnal transpiration for <i>Populus euphratica</i> Oliv. in situ measurement. <i>Ecology and Evolution</i> , 2018, 8, 2607-2616.	1.9	35
6	Transforming flash floods into resources in arid China. <i>Land Use Policy</i> , 2018, 76, 746-753.	5.6	25
7	Inland river terminal lake preservation: determining basin scale and the ecological water requirement. <i>Environmental Earth Sciences</i> , 2015, 73, 3327-3334.	2.7	24
8	Evidences and magnitude of nighttime transpiration derived from <i>Populus euphratica</i> in the extreme arid region of China. <i>Journal of Plant Biology</i> , 2016, 59, 648-657.	2.1	22
9	Nighttime sap flow and its driving forces for <i>Populus euphratica</i> in a desert riparian forest, Northwest China. <i>Journal of Arid Land</i> , 2015, 7, 665-674.	2.3	19
10	Evaluation of 32 Simple Equations against the Penman-Monteith Method to Estimate the Reference Evapotranspiration in the Hexi Corridor, Northwest China. <i>Water (Switzerland)</i> , 2020, 12, 2772.	2.7	19
11	Variation in <i>Populus euphratica</i> foliar carbon isotope composition and osmotic solute for different groundwater depths in an arid region of China. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 705.	2.7	16
12	Response of <i>Populus euphratica</i> Oliv. sap flow to environmental variables for a desert riparian forest in the Heihe River Basin, Northwest China. <i>Journal of Arid Land</i> , 2016, 8, 591-603.	2.3	16
13	Comparison of three evapotranspiration models with eddy covariance measurements for a <i>Populus euphratica</i> Oliv. forest in an arid region of northwestern China. <i>Journal of Arid Land</i> , 2016, 8, 146-156.	2.3	16
14	<i>Tamarix ramosissima</i> stand evapotranspiration and its association with hydroclimatic factors in an arid region in northwest China. <i>Journal of Arid Environments</i> , 2017, 138, 18-26.	2.4	15
15	Sap flow characteristics and their response to environmental variables in a desert riparian forest along lower Heihe River Basin, Northwest China. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 561.	2.7	13
16	Responses of riparian forests to flood irrigation in the hyper-arid zone of NW China. <i>Science of the Total Environment</i> , 2019, 648, 1421-1430.	8.0	13
17	Simulation of Pan Evaporation and Application to Estimate the Evaporation of Juyan Lake, Northwest China under a Hyper-Arid Climate. <i>Water (Switzerland)</i> , 2017, 9, 952.	2.7	10
18	The spatial heterogeneity of riverbed saturated permeability coefficient in the lower reaches of the Heihe River Basin, Northwest China. <i>Hydrological Processes</i> , 2015, 29, 4891-4907.	2.6	8

#	ARTICLE	IF	CITATIONS
19	Evapotranspiration of a <i>Populus euphratica</i> forest during the growing season in an extremely arid region of northwest China using the Shuttleworth-Wallace model. <i>Journal of Forestry Research</i> , 2016, 27, 879-887.	3.6	6
20	Coordination of stomatal control and stem water storage on plant water use in desert riparian trees. <i>Trees - Structure and Function</i> , 2019, 33, 787-801.	1.9	6
21	Comparison of leaf stomatal conductance models for typical desert riparian phreatophytes in northwestern China. <i>Agroforestry Systems</i> , 2017, 91, 927-939.	2.0	3
22	Carbon Dioxide Fluxes and Their Environmental Controls in a Riparian Forest within the Hyper-Arid Region of Northwest China. <i>Forests</i> , 2017, 8, 379.	2.1	3
23	Flooding constrains tree water use of a riparian forest in the lower Heihe River Basin, Northwest China. <i>Science of the Total Environment</i> , 2021, 760, 144069.	8.0	3
24	Characteristic of Stomatal Conductance and Optimal Stomatal Behaviour in an Arid Oasis of Northwestern China. <i>Sustainability</i> , 2022, 14, 968.	3.2	3