Yin Tang

List of Publications by Year
in descending order

21	909	759055 12	752573 20
papers	citations	h-index	g-index

21	21	21	1184
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A oneâ€parameter Budyko model for water balance captures emergent behavior in darwinian hydrologic models. Geophysical Research Letters, 2014, 41, 4569-4577.	1.5	216
2	A Long-Term Land Surface Hydrologic Fluxes and States Dataset for China. Journal of Hydrometeorology, 2014, 15, 2067-2084.	0.7	142
3	Multi-site calibration, validation, and sensitivity analysis of the MIKE SHE Model for a large watershed in northern China. Hydrology and Earth System Sciences, 2012, 16, 4621-4632.	1.9	86
4	Isolating the impacts of climate change and land use change on decadal streamflow variation: Assessing three complementary approaches. Journal of Hydrology, 2013, 507, 63-74.	2.3	81
5	Responses of natural runoff to recent climatic variations in the Yellow River basin, China. Hydrology and Earth System Sciences, 2013, 17, 4471-4480.	1.9	75
6	Anthropogenic impacts on mass change in North China. Geophysical Research Letters, 2013, 40, 3924-3928.	1.5	74
7	Reconstructing annual groundwater storage changes in a large-scale irrigation region using GRACE data and Budyko model. Journal of Hydrology, 2017, 551, 397-406.	2.3	40
8	A thermodynamic interpretation of Budyko and L'vovich formulations of annual water balance: Proportionality Hypothesis and maximum entropy production. Water Resources Research, 2015, 51, 3007-3016.	1.7	39
9	Evaluating the role of watershed properties in longâ€term water balance through a <scp>B</scp>udyko equation based on twoâ€stage partitioning of precipitation. Water Resources Research, 2017, 53, 4142-4157.	1.7	37
10	Integrated Hydrologic-Hydrodynamic Modeling of Estuarine-Riverine Flooding: 2008 Tropical Storm Fay. Journal of Hydrologic Engineering - ASCE, 2017, 22, .	0.8	31
11	Different Precipitation Elasticity of Runoff for Precipitation Increase and Decrease at Watershed Scale. Journal of Geophysical Research D: Atmospheres, 2019, 124, 11932-11943.	1.2	23
12	Variations and influencing factors of potential evapotranspiration in large Siberian river basins during 1975â€“2014. Journal of Hydrology, 2021, 598, 126443.	2.3	17
13	Assessing the effects of rainfall, groundwater downward leakage, and groundwater head differences on the development of cover-collapse and cover-suffosion sinkholes in central Florida (USA). Science of the Total Environment, 2018, 644, 274-286.	3.9	13
14	Derivation of the relative contributions of the climate change and human activities to mean annual streamflow change. Journal of Hydrology, 2021, 595, 125740.	2.3	12
15	Derivation of Interannual Climate Elasticity of Streamflow. Water Resources Research, 2020, 56, e2020WR027703.	1.7	6
16	Assessing the â€œsuperposedâ€• effects of storm surge from a Category 3 hurricane and continuous sea-level rise on saltwater intrusion into the surficial aquifer in coastal east-central Florida (USA). Environmental Science and Pollution Research, 2019, 26, 21882-21889.	2.7	5
17	Integrating Field Experiments with Modeling to Evaluate the Freshwater Availability at Ungauged Sites: A Case Study of Pingtan Island (China). Water (Switzerland), 2018, 10, 740.	1.2	4
18	Spatiotemporal analysis of ground-based woody plant leafing in response to temperature in temperate eastern China. International Journal of Biometeorology, 2014, 58, 1583-1592.	1.3	3

#	Article	IF	Citations
19	Catchments' hedging strategy on evapotranspiration for climatic variability. Water Resources Research, 2016, 52, 9036-9045.	1.7	3
20	Effect of Herbicides on Evapotranspiration of Willow Marshes in the Upper St. Johns River Basin, Florida. Journal of Hydrologic Engineering - ASCE, 2018, 23, 05018018.	0.8	1
21	Variability of Runoff Coefficient and Precipitation Elasticity at Watersheds across China. , 2022, , 401-419.		1