Wee Ho Lim

List of Publications by Year
in descending order

46 papers	1,883 citations	304743 22 h-index	265206 42 g-index
52 all docs	52 docs citations	52 times ranked	2555 citing authors

#	Article	IF	Citations
1	Changes in compound hot and dry day and population exposure across China under climate change. International Journal of Climatology, 2022, 42, 2935-2949.	3.5	15
2	Understanding climate-induced changes of snow hydrological processes in the Kaidu River Basin through the CemaNeige-GR6J model. Catena, 2022, 212, 106082.	5.0	7
3	Changes of compound hot and dry extremes on different land surface conditions in China during 1957â€"2018. International Journal of Climatology, 2021, 41, E1085.	3.5	21
4	Observationâ€Constrained Projection of Global Flood Magnitudes With Anthropogenic Warming. Water Resources Research, 2021, 57, e2020WR028830.	4.2	19
5	Water shortage risks for Chinaâ€™s coal power plants under climate change. Environmental Research Letters, 2021, 16, 044011.	5.2	5
6	Increasing population exposure to global warm-season concurrent dry and hot extremes under different warming levels. Environmental Research Letters, 2021, 16, 094002.	5.2	34
7	Improving streamflow and flood simulations in three headwater catchments of the Tarim River based on a coupled glacier-hydrological model. Journal of Hydrology, 2021, 603, 127048.	5.4	17
8	Random Forest-Based Reconstruction and Application of the GRACE Terrestrial Water Storage Estimates for the Lancang-Mekong River Basin. Remote Sensing, 2021, 13, 4831.	4.0	5
9	Stronger Global Warming on Nonrainy Days in Observations From China. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031792.	3.3	3
10	Comparing Palmer Drought Severity Index drought assessments using the traditional offline approach with direct climate model outputs. Hydrology and Earth System Sciences, 2020, 24, 2921-2930.	4.9	46
11	Response of Ecosystem Water Use Efficiency to Drought over China during 1982â€"2015: Spatiotemporal Variability and Resilience. Forests, 2019, 10, 598.	2.1	42
12	Evaluation and machine learning improvement of global hydrological model-based flood simulations. Environmental Research Letters, 2019, 14, 114027.	5.2	88
13	Spatio-temporal patterns of drought evolution over the Beijing-Tianjin-Hebei region, China. Journal of Chinese Geography, 2019, 29, 863-876.	3.9	16
14	Increased adversely-affected population from water shortage below normal conditions in China with anthropogenic warming. Science Bulletin, 2019, 64, 567-569.	9.0	22
15	Attributing changes in future extreme droughts based on PDSI in China. Journal of Hydrology, 2019, 573, 607-615.	5.4	22
16	Multi-scale assessment of eco-hydrological resilience to drought in China over the last three decades. Science of the Total Environment, 2019, 672, 201-211.	8.0	46
17	On wind speed pattern and energy potential in China. Applied Energy, 2019, 236, 867-876.	10.1	111
18	Decreasing â€œalpine tundraâ€•climatic type with global warming in the Tibetan Plateau. Theoretical and Applied Climatology, 2019, 137, 1949-1955.	2.8	0

#	Article	IF	Citations
19	Visualizing the Interconnections Among Climate Risks. Earth's Future, 2019, 7, 85-100.	6.3	24
20	The Predictability of Annual Evapotranspiration and Runoff in Humid and Nonhumid Catchments over China: Comparison and Quantification. Journal of Hydrometeorology, 2018, 19, 533-545.	1.9	11
21	The Effect of Elevation Bias in Interpolated Air Temperature Data Sets on Surface Warming in China During 1951â€"2015. Journal of Geophysical Research D: Atmospheres, 2018, 123, 2141-2151.	3.3	3
22	Snow Hydrology in the Upper Yellow River Basin Under Climate Change: A Land Surface Modeling Perspective. Journal of Geophysical Research D: Atmospheres, 2018, 123, 12,676.	3.3	16
23	Evaluating remotely sensed monthly evapotranspiration against water balance estimates at basin scale in the Tibetan Plateau. Hydrology Research, 2018, 49, 1977-1990.	2.7	18
24	Investigating water budget dynamics in 18 river basins across the Tibetan Plateau through multiple datasets. Hydrology and Earth System Sciences, 2018, 22, 351-371.	4.9	43
25	Global drought and severe drought-affected populations in 1.5Âand 2â€‰Â°C warmer worlds. Earth System Dynamics, 2018, 9, 267-283.	7.1	123
26	Longâ€Term Changes in Global Socioeconomic Benefits of Flood Defenses and Residual Risk Based on CMIP5 Climate Models. Earth's Future, 2018, 6, 938-954.	6.3	22
27	Global Freshwater Availability Below Normal Conditions and Population Impact Under 1.5 and 2ÂÂ°C Stabilization Scenarios. Geophysical Research Letters, 2018, 45, 9803-9813.	4.0	29
28	Pan evaporation paradox and evaporative demand from the past to the future over China: a review. Wiley Interdisciplinary Reviews: Water, 2017, 4, e1207.	6.5	38
29	Projecting and Attributing Future Changes of Evaporative Demand over China in CMIP5 Climate Models. Journal of Hydrometeorology, 2017, 18, 977-991.	1.9	18
30	Global Floods and Water Availability Driven by Atmospheric Rivers. Geophysical Research Letters, 2017, 44, 10,387.	4.0	102
31	A worldwide evaluation of basin-scale evapotranspiration estimates against the water balance method. Journal of Hydrology, 2016, 538, 82-95.	5.4	171
32	Improving snow process modeling with satelliteâ€based estimation of nearâ€surfaceâ€airâ€temperature lapse rate. Journal of Geophysical Research D: Atmospheres, 2016, 121, 12,005.	3.3	39
33	Assessing estimates of evaporative demand in climate models using observed pan evaporation over China. Journal of Geophysical Research D: Atmospheres, 2016, 121, 8329-8349.	3.3	45
34	A mathematical model of pan evaporation under steady state conditions. Journal of Hydrology, 2016, 540, 641-658.	5.4	20
35	The spatial exposure of the Chinese infrastructure system to flooding and drought hazards. Natural Hazards, 2016, 80, 1083-1118.	3.4	23
36	Large-scale circulation classification and its links to observed precipitation in the eastern and central Tibetan Plateau. Climate Dynamics, 2016, 46, 3481-3497.	3.8	64

#	ARTICLE	IF	CITATIONS
37	Exploring the water storage changes in the largest lake (<scp>S</scp>elin <scp>C</scp>o) over the <scp>T</scp>ibetan <scp>P</scp>lateau during 2003â€"2012 from a basinâ€wide hydrological modeling. Water Resources Research, 2015, 51, 8060-8086.	4.2	137
38	Generalized method to estimate value of urban assets for natural disaster risk assessment at the macro scale. Hydrological Research Letters, 2015, 9, 103-106.	0.5	1
39	A general framework for understanding the response of the water cycle to global warming over land and ocean. Hydrology and Earth System Sciences, 2014, 18, 1575-1589.	4.9	192
40	Up-scaling short-term process-level understanding to longer timescales using a covariance-based approach. Hydrology and Earth System Sciences, 2014, 18, 31-45.	4.9	4
41	The energy balance of a US Class A evaporation pan. Agricultural and Forest Meteorology, 2013, 182-183, 314-331.	4.8	33
42	The aerodynamics of pan evaporation. Agricultural and Forest Meteorology, 2012, 152, 31-43.	4.8	26
43	Hydroclimatic projections for the Murrayâ€Darling Basin based on an ensemble derived from Intergovernmental Panel on Climate Change AR4 climate models. Water Resources Research, 2011, 47, .	4.2	91
44	Partitioning the variance between space and time. Geophysical Research Letters, 2010, 37, .	4.0	28
45	Generation of Total Runoff Hydrographs Using a Method Derived from a Digital Filter Algorithm. Journal of Hydrologic Engineering - ASCE, 2009, 14, 101-106.	1.9	12
46	Hydrograph Separation and Development of Empirical Relationships Using Single-Parameter Digital Filters. Journal of Hydrologic Engineering - ASCE, 2009, 14, 271-279.	1.9	17