Yongqiang Zhang

List of Publications by Year
in descending order

166 papers	10,492 citations	41627 51 h-index	42259 96 g-index
189 all docs	189 docs citations	189 times ranked	9741 citing authors

#	Article	IF	Citations
1	A composite drought index developed for detecting large-scale drought characteristics. Journal of Hydrology, 2022, 605, 127308.	2.3	21
2	Dependence of rainfall-runoff model transferability on climate conditions in Iran. Hydrological Sciences Journal, 2022, 67, 564-587.	1.2	5
3	Influence of Energy and Water Cycle Key Parameters on Drought in Mongolian Plateau during 1979â€“2020. Remote Sensing, 2022, 14, 685.	1.8	3
4	Temporal Scaling of Streamflow Elasticity to Precipitation: A Global Analysis. Water Resources Research, 2022, 58, .	1.7	8
5	Baseflow signature behaviour of mountainous catchments around the North China Plain. Journal of Hydrology, 2022, 606, 127450.	2.3	5
6	Assessment of runoff in Chandra river basin of Western Himalaya using Remote Sensing and GIS Techniques. Environmental Monitoring and Assessment, 2022, 194, 145.	1.3	3
7	Increasing Tibetan Plateau terrestrial evapotranspiration primarily driven by precipitation. Agricultural and Forest Meteorology, 2022, 317, 108887.	1.9	88
8	Multi-step-ahead solar irradiance modeling employing multi-frequency deep learning models and climatic data. Applied Energy, 2022, 315, 119069.	5.1	10
9	phenofit: An R package for extracting vegetation phenology from time series remote sensing. Methods in Ecology and Evolution, 2022, 13, 1508-1527.	2.2	22
10	CO₂ fertilization is spatially distinct from stomatal conductance reduction in controlling ecosystem water-use efficiency increase. Environmental Research Letters, 2022, 17, 054048.	2.2	10
11	Can Indirect Evaluation Methods and Their Fusion Products Reduce Uncertainty in Actual Evapotranspiration Estimates?. Water Resources Research, 2022, 58, .	1.7	15
12	A 1â€‰km daily surface soil moisture dataset of enhanced coverage under all-weather conditions over China in 2003â€“2019. Earth System Science Data, 2022, 14, 2613-2637.	3.7	17
13	Estimating hydrological consequences of vegetation greening. Journal of Hydrology, 2022, 611, 128018.	2.3	18
14	Predicting root zone soil moisture using observations at 2121 sites across China. Science of the Total Environment, 2022, 847, 157425.	3.9	5
15	Regionalization of hydrological modeling for predicting streamflow in ungauged catchments: A comprehensive review. Wiley Interdisciplinary Reviews: Water, 2021, 8, .	2.8	90
16	Simulating flash flood hydrographs and behavior metrics across China: Implications for flash flood management. Science of the Total Environment, 2021, 763, 142977.	3.9	17
17	Divergent negative spring vegetation and summer runoff patterns and their driving mechanisms in natural ecosystems of northern latitudes. Journal of Hydrology, 2021, 592, 125848.	2.3	6
18	Continuous Contour Trench (CCT): Understandings of hydrological processes after standardisation of dimensions and development of a user-friendly software. Soil and Tillage Research, 2021, 205, 104792.	2.6	8

#	ARTICLE	IF	CITATIONS
19	Potential role of permafrost thaw on increasing Siberian river discharge. Environmental Research Letters, 2021, 16, 034046.	2.2	51
20	Comparing Three Hydrological Models for Flash Flood Simulations in 13 Humid and Semi-humid Mountainous Catchments. Water Resources Management, 2021, 35, 1547-1571.	1.9	5
21	Improving Surface Soil Moisture Estimates in Humid Regions by an Enhanced Remote Sensing Technique. Geophysical Research Letters, 2021, 48, e2020GL091459.	1.5	11
22	Contrasting Uncertainties in Estimating Floods and Low Flow Extremes. Water Resources Management, 2021, 35, 1775-1795.	1.9	8
23	Identification and interâ€comparison of appropriate longâ€term precipitation datasets using decision tree model and statistical matrix over China. International Journal of Climatology, 2021, 41, 5003-5021.	1.5	5
24	Did water-saving irrigation protect water resources over the past 40 years? A global analysis based on water accounting framework. Agricultural Water Management, 2021, 249, 106793.	2.4	44
25	A small climate-amplifying effect of climate-carbon cycle feedback. Nature Communications, 2021, 12, 2952.	5.8	5
26	Drought indices: aggregation is necessary or is it only the researcher's choice?. Water Science and Technology: Water Supply, 2021, 21, 3987-4002.	1.0	20
27	Low and contrasting impacts of vegetation CO₂ fertilization on global terrestrial runoff over 1982â€“2010: accounting for aboveground and belowground vegetationâ€“CO₂ effects. Hydrology and Earth System Sciences, 2021, 25, 3411-3427.	1.9	11
28	Both climate and socioeconomic drivers contribute to vegetation greening of the Loess Plateau. Science Bulletin, 2021, 66, 1160-1163.	4.3	53
29	Impacts of heterogeneous CO₂ on water and carbon fluxes across the global land surface. International Journal of Digital Earth, 2021, 14, 1175-1193.	1.6	4
30	Modelling the cumulative impacts of future coal mining and coal seam gas extraction on river flows: Applications of methodology. Journal of Hydrology, 2021, 598, 126440.	2.3	5
31	Calibrationâ€Free Complementary Relationship Estimates Terrestrial Evapotranspiration Globally. Water Resources Research, 2021, 57, e2021WR029691.	1.7	89
32	Using Remote Sensing Techniques to Improve Hydrological Predictions in a Rapidly Changing World. Remote Sensing, 2021, 13, 3865.	1.8	2
33	Climate change detection and attribution in the Ganga-Brahmaputra-Meghna river basins. Geoscience Frontiers, 2021, 12, 101186.	4.3	10
34	Estimating ecosystem maximum light use efficiency based on the water use efficiency principle. Environmental Research Letters, 2021, 16, 104032.	2.2	10
35	An Improved Cloud Gap-Filling Method for Longwave Infrared Land Surface Temperatures through Introducing Passive Microwave Techniques. Remote Sensing, 2021, 13, 3522.	1.8	5
36	Impacts of <scp>El NiÃ±o</scp>â€“southern oscillation on global runoff: Characteristic signatures and potential mechanisms. Hydrological Processes, 2021, 35, e14367.	1.1	7

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37	Contrasting effects of climate and LULC change on blue water resources at varying temporal and spatial scales. Science of the Total Environment, 2021, 786, 147488.	3.9	19
38	Selecting hydrological models for developing countries: Perspective of global, continental, and country scale models over catchment scale models. Journal of Hydrology, 2021, 600, 126561.	2.3	20
39	An improved non-linear inter-calibration method on different radiometers for enhancing coverage of daily LST estimates in low latitudes. Remote Sensing of Environment, 2021, 264, 112626.	4.6	5
40	Evaluating the uncertainty of eight approaches for separating the impacts of climate change and human activities on streamflow. Journal of Hydrology, 2021, 601, 126605.	2.3	23
41	Multi-station calibration strategy for evaluation and sensitivity analysis of the snowmelt runoff model using MODIS satellite images. Hydrology Research, 2021, 52, 1389-1404.	1.1	3
42	Greening-induced increase in evapotranspiration over Eurasia offset by CO₂-induced vegetational stomatal closure. Environmental Research Letters, 2021, 16, 124008.	2.2	25
43	Estimating impacts of wildfire and climate variability on streamflow in Victoria, Australia. Hydrological Processes, 2021, 35, e14439.	1.1	7
44	The Applications of Soft Computing Methods for Seepage Modeling: A Review. Water (Switzerland), 2021, 13, 3384.	1.2	6
45	Detecting changes in irrigation water requirement in Central Asia under CO2 fertilization and land use changes. Journal of Hydrology, 2020, 583, 124315.	2.3	20
46	Performance of four state-of-the-art GPP products (VPM, MOD17, BESS and PML) for grasslands in drought years. Ecological Informatics, 2020, 56, 101052.	2.3	42
47	Can Remotely Sensed Actual Evapotranspiration Facilitate Hydrological Prediction in Ungauged Regions Without Runoff Calibration?. Water Resources Research, 2020, 56, e2019WR026236.	1.7	55
48	Summer soil drying exacerbated by earlier spring greening of northern vegetation. Science Advances, 2020, 6, eaax0255.	4.7	258
49	Impacts of climate change and reservoir operation on streamflow and flood characteristics in the Lancang-Mekong River Basin. Journal of Hydrology, 2020, 590, 125472.	2.3	71
50	Enhanced low flow prediction for water and environmental management. Journal of Hydrology, 2020, 584, 124658.	2.3	8
51	Impacts of coal mining and coal seam gas extraction on groundwater and surface water. Journal of Hydrology, 2020, 591, 125281.	2.3	11
52	The pattern, change and driven factors of vegetation cover in the Qin Mountains region. Scientific Reports, 2020, 10, 20591.	1.6	22
53	Using Remote Sensing Dataâ€Based Hydrological Model Calibrations for Predicting Runoff in Ungauged or Poorly Gauged Catchments. Water Resources Research, 2020, 56, e2020WR028205.	1.7	45
54	Ground observed climatology and trend in snow cover phenology across China with consideration of snow-free breaks. Climate Dynamics, 2020, 55, 2867-2887.	1.7	31

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55	Assessing the Impacts of Vegetation Greenness Change on Evapotranspiration and Water Yield in China. Water Resources Research, 2020, 56, e2019WR027019.	1.7	84
56	Assessment of high-resolution satellite rainfall products over a gradually elevating mountainous terrain based on a high-density rain gauge network. International Journal of Remote Sensing, 2020, 41, 5620-5644.	1.3	14
57	Using hydrological modelling and data-driven approaches to quantify mining activities impacts on centennial streamflow. Journal of Hydrology, 2020, 585, 124764.	2.3	13
58	Estimating annual runoff in response to forest change: A statistical method based on random forest. Journal of Hydrology, 2020, 589, 125168.	2.3	47
59	Using High-Density Rain Gauges to Validate the Accuracy of Satellite Precipitation Products over Complex Terrains. Atmosphere, 2020, 11, 633.	1.0	10
60	Coal mining impacts on catchment runoff. Journal of Hydrology, 2020, 589, 125101.	2.3	27
61	LUCCâ€Driven Changes in Gross Primary Production and Actual Evapotranspiration in Northern China. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031705.	1.2	33
62	Photoperiod Explains the Asynchronization Between Vegetation Carbon Phenology and Vegetation Greenness Phenology. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005636.	1.3	24
63	Decadal water storage decrease driven by vegetation changes in the Yellow River Basin. Science Bulletin, 2020, 65, 1859-1861.	4.3	51
64	Impacts of anthropogenic warming and uneven regional socio-economic development on global river flood risk. Journal of Hydrology, 2020, 590, 125262.	2.3	29
65	Large-scale baseflow index prediction using hydrological modelling, linear and multilevel regression approaches. Journal of Hydrology, 2020, 585, 124780.	2.3	31
66	A global quantitation of factors affecting evapotranspiration variability. Journal of Hydrology, 2020, 584, 124688.	2.3	25
67	Partitioning the contributions of glacier melt and precipitation to the 1971â€“2010 runoff increases in a headwater basin of the Tarim River. Journal of Hydrology, 2020, 583, 124579.	2.3	40
68	Coal Mining Impacts on Baseflow Detected Using Paired Catchments. Water Resources Research, 2020, 56, e2019WR025770.	1.7	15
69	Quantifying the Impacts of Anthropogenic Activities and Climate Variations on Vegetation Productivity Changes in China from 1985 to 2015. Remote Sensing, 2020, 12, 1113.	1.8	42
70	Using LiDAR-DEM based rapid flood inundation modelling framework to map floodplain inundation extent and depth. Journal of Chinese Geography, 2020, 30, 1649-1663.	1.5	6
71	Landscape patches influencing hillslope erosion processes and flow hydrodynamics. Geoderma, 2019, 353, 391-400.	2.3	31
72	Identifying terraces in the hilly and gully regions of the Loess Plateau in China. Land Degradation and Development, 2019, 30, 2126-2138.	1.8	9

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73	Climate Variability and Climate Change Impacts on Land Surface, Hydrological Processes and Water Management. Water (Switzerland), 2019, 11, 1492.	1.2	14
74	A robust method for reconstructing global MODIS EVI time series on the Google Earth Engine. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 155, 13-24.	4.9	87
75	Comparative Study of Two State-of-the-Art Semi-Distributed Hydrological Models. Water (Switzerland), 2019, 11, 871.	1.2	15
76	A framework estimating cumulative impact of damming on downstream water availability. Journal of Hydrology, 2019, 575, 612-627.	2.3	16
77	Twenty-three unsolved problems in hydrology (UPH) â€“ a community perspective. Hydrological Sciences Journal, 2019, 64, 1141-1158.	1.2	474
78	Reconstructed natural runoff helps to quantify the relationship between upstream water use and downstream water scarcity in China's river basins. Hydrology and Earth System Sciences, 2019, 23, 2491-2505.	1.9	40
79	Effects of the Three Gorges Project on Runoff and Related Benefits of the Key Regions along Main Branches of the Yangtze River. Water (Switzerland), 2019, 11, 269.	1.2	3
80	Estimating spatial pattern of hyporheic water exchange in slack water pool. Journal of Chinese Geography, 2019, 29, 377-388.	1.5	9
81	Coupled estimation of 500â€¯m and 8-day resolution global evapotranspiration and gross primary production in 2002â€“2017. Remote Sensing of Environment, 2019, 222, 165-182.	4.6	389
82	Streamflow change on the Qinghai-Tibet Plateau and its impacts. Chinese Science Bulletin, 2019, 64, 2807-2821.	0.4	57
83	Use of satellite leaf area index estimating evapotranspiration and gross assimilation for Australian ecosystems. Ecohydrology, 2018, 11, e1974.	1.1	100
84	Predicting Runoff Signatures Using Regression and Hydrological Modeling Approaches. Water Resources Research, 2018, 54, 7859-7878.	1.7	79
85	How good are hydrological models for gap-filling streamflow data?. Hydrology and Earth System Sciences, 2018, 22, 4593-4604.	1.9	26
86	Determining the initial spatial extent of an environmental impact assessment with a probabilistic screening methodology. Environmental Modelling and Software, 2018, 109, 353-367.	1.9	13
87	Impact of Coal Resource Development on Streamflow Characteristics: Influence of Climate Variability and Climate Change. Water (Switzerland), 2018, 10, 1161.	1.2	10
88	Incorporating vegetation dynamics noticeably improved performance of hydrological model under vegetation greening. Science of the Total Environment, 2018, 643, 610-622.	3.9	36
89	Partitioning global land evapotranspiration using CMIP5 models constrained by observations. Nature Climate Change, 2018, 8, 640-646.	8.1	219
90	Hydrological effects of climate variability and vegetation dynamics on annual fluvial water balance in global large river basins. Hydrology and Earth System Sciences, 2018, 22, 4047-4060.	1.9	48

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91	Investigating Relationships Between Australian Flooding and Largeâ€Scale Climate Indices and Possible Mechanism. Journal of Geophysical Research D: Atmospheres, 2018, 123, 8708-8723.	1.2	28
92	Disconnection Between Trends of Atmospheric Drying and Continental Runoff. Water Resources Research, 2018, 54, 4700-4713.	1.7	58
93	Regionalising rainfall-runoff modelling for predicting daily runoff: Comparing gridded spatial proximity and gridded integrated similarity approaches against their lumped counterparts. Journal of Hydrology, 2017, 550, 279-293.	2.3	35
94	Lags in hydrologic recovery following an extreme drought: Assessing the roles of climate and catchment characteristics. Water Resources Research, 2017, 53, 4821-4837.	1.7	112
95	Evaluating relative merits of four baseflow separation methods in Eastern Australia. Journal of Hydrology, 2017, 549, 252-263.	2.3	100
96	Responses of LAI to rainfall explain contrasting sensitivities to carbon uptake between forest and non-forest ecosystems in Australia. Scientific Reports, 2017, 7, 11720.	1.6	12
97	Deducing Climatic Elasticity to Assess Projected Climate Change Impacts on Streamflow Change across China. Journal of Geophysical Research D: Atmospheres, 2017, 122, 10,228.	1.2	20
98	Recent increases in terrestrial carbon uptake at little cost to the water cycle. Nature Communications, 2017, 8, 110.	5.8	186
99	Contrasting runoff trends between dry and wet parts of eastern Tibetan Plateau. Scientific Reports, 2017, 7, 15458.	1.6	15
100	Multi-temporal clustering of continental floods and associated atmospheric circulations. Journal of Hydrology, 2017, 555, 744-759.	2.3	27
101	Global variation of transpiration and soil evaporation and the role of their major climate drivers. Journal of Geophysical Research D: Atmospheres, 2017, 122, 6868-6881.	1.2	77
102	Hydrological Processes in Changing Climate, Land Use, and Cover Change. Advances in Meteorology, 2016, 2016, 1-2.	0.6	5
103	Multi-decadal trends in global terrestrial evapotranspiration and its components. Scientific Reports, 2016, 6, 19124.	1.6	384
104	Evaluating Regional and Global Hydrological Models against Streamflow and Evapotranspiration Measurements. Journal of Hydrometeorology, 2016, 17, 995-1010.	0.7	62
105	Predicting Surface Runoff from Catchment to Large Region. Advances in Meteorology, 2015, 2015, 1-13.	0.6	22
106	Comparison of Two Approaches for Estimating Precipitation Elasticity of Streamflow in Chinaâ€™s Main River Basins. Advances in Meteorology, 2015, 2015, 1-8.	0.6	11
107	Impact of bushfire and climate variability on streamflow from forested catchments in southeast Australia. Hydrological Sciences Journal, 2015, 60, 1340-1360.	1.2	25
108	Comparing flow duration curve and rainfallâ€“runoff modelling for predicting daily runoff in ungauged catchments. Journal of Hydrology, 2015, 525, 72-86.	2.3	41

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109	Streamflow rating uncertainty: Characterisation and impacts on model calibration and performance. Environmental Modelling and Software, 2015, 63, 32-44.	1.9	35
110	The impact of climate change on runoff in the Yarlung Tsangpo River basin in the Tibetan Plateau. Stochastic Environmental Research and Risk Assessment, 2014, 28, 517-526.	1.9	31
111	Runoff predictions in ungauged catchments in southeast Tibetan Plateau. Journal of Hydrology, 2014, 511, 28-38.	2.3	61
112	Predicting hydrological signatures in ungauged catchments using spatial interpolation, index model, and rainfallâ€“runoff modelling. Journal of Hydrology, 2014, 517, 936-948.	2.3	64
113	Improving runoff estimates using remote sensing vegetation data for bushfire impacted catchments. Agricultural and Forest Meteorology, 2013, 182-183, 332-341.	1.9	36
114	The impact of climate change on runoff in the southeastern Tibetan Plateau. Journal of Hydrology, 2013, 505, 188-201.	2.3	105
115	Evaluating Surface Water Cycle Simulated by the Australian Community Land Surface Model (CABLE) across Different Spatial and Temporal Domains. Journal of Hydrometeorology, 2013, 14, 1119-1138.	0.7	34
116	Evaluation of anomalies in GLDAS-1996 dataset. Water Science and Technology, 2013, 67, 1718-1727.	1.2	26
117	Sensitivity of inferred climate model skill to evaluation decisions: a case study using CMIP5 evapotranspiration. Environmental Research Letters, 2013, 8, 024028.	2.2	50
118	Benchmark products for land evapotranspiration: LandFlux-EVAL multi-data set synthesis. Hydrology and Earth System Sciences, 2013, 17, 3707-3720.	1.9	310
119	Estimation of mean annual runoff across southeast Australia by incorporating vegetation types into Budyko-framework. Australian Journal of Water Resources, 2012, 15, .	1.6	6
120	Hydrologic response to climate variability and human activities in the Chao River catchment near Beijing. Water International, 2012, 37, 585-597.	0.4	9
121	Benchmarking global land surface models against the observed mean annual runoff from 150 large basins. Journal of Hydrology, 2012, 470-471, 269-279.	2.3	59
122	Decadal Trends in Evaporation from Global Energy and Water Balances. Journal of Hydrometeorology, 2012, 13, 379-391.	0.7	89
123	The transferability of hydrological models under nonstationary climatic conditions. Hydrology and Earth System Sciences, 2012, 16, 1239-1254.	1.9	77
124	Separating impacts of vegetation change and climate variability on streamflow using hydrological models together with vegetation data. Science China Technological Sciences, 2012, 55, 1964-1972.	2.0	9
125	Separating effects of vegetation change and climate variability using hydrological modelling and sensitivity-based approaches. Journal of Hydrology, 2012, 420-421, 403-418.	2.3	119
126	Effects of conditional parameterization on performance of rainfallâ€runoff model regarding hydrologic nonâ€stationarity. Hydrological Processes, 2012, 26, 3953-3961.	1.1	25

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127	åŸºäºŽé¥æ„Ÿå¶é¢ç§¯æŒ‡æ•°çš„æ°´æ–‡æ¨¡åž‹å®žçŽ°æ–¹æ³•ç ”究. Zhongguo Kexue Jishu Kexue/S		
128	Evaluation of global observations-based evapotranspiration datasets and IPCC AR4 simulations. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	312
129	Monthly and seasonal streamflow forecasts using rainfallâ€runoff modeling and historical weather data. Water Resources Research, 2011, 47, .	1.7	57
130	Probabilistic modelling of soil moisture dynamics of irrigated cropland in the North China Plain. Hydrological Sciences Journal, 2011, 56, 123-137.	1.2	8
131	Actual evapotranspiration estimation by ground and remote sensing methods: the Australian experience. Hydrological Processes, 2011, 25, 4103-4116.	1.1	77
132	Quantifying the effects of climate trends in the past 43Âyears (1961â€“2003) on crop growth and water demand in the North China Plain. Climatic Change, 2010, 100, 559-578.	1.7	109
133	Using longâ€term water balances to parameterize surface conductances and calculate evaporation at 0.05Â° spatial resolution. Water Resources Research, 2010, 46, .	1.7	135
134	Partitioning the variance between space and time. Geophysical Research Letters, 2010, 37, .	1.5	28
135	Effect of precipitation change on water balance and WUE of the winter wheatâ€“summer maize rotation in the North China Plain. Agricultural Water Management, 2010, 97, 1139-1145.	2.4	245
136	Use of Remotely Sensed Actual Evapotranspiration to Improve Rainfallâ€“Runoff Modeling in Southeast Australia. Journal of Hydrometeorology, 2009, 10, 969-980.	0.7	104
137	Predicting runoff in ungauged catchments by using Xinanjiang model with MODIS leaf area index. Journal of Hydrology, 2009, 370, 155-162.	2.3	145
138	Validity of the Bouchetâ€™s complementary relationship at 102 observatories across China. Science in China Series D: Earth Sciences, 2009, 52, 708-713.	0.9	20
139	Relative merits of different methods for runoff predictions in ungauged catchments. Water Resources Research, 2009, 45, .	1.7	200
140	Calibration of Terra/MODIS gross primary production over an irrigated cropland on the North China Plain and an alpine meadow on the Tibetan Plateau. Global Change Biology, 2008, 14, 757-767.	4.2	93
141	Water balance modeling over variable time scales based on the Budyko framework â€“ Model development and testing. Journal of Hydrology, 2008, 360, 117-131.	2.3	346
142	A simple surface conductance model to estimate regional evaporation using MODIS leaf area index and the Penmanâ€Monteith equation. Water Resources Research, 2008, 44, .	1.7	351
143	Estimating catchment evaporation and runoff using MODIS leaf area index and the Penmanâ€Monteith equation. Water Resources Research, 2008, 44, .	1.7	119
144	The use of lysimeter data for the test of two soil-water balance models: A case study. Journal of Plant Nutrition and Soil Science, 2008, 171, 762-776.	1.1	15

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145	Estimation of soil water content and evapotranspiration from irrigated cropland on the North China Plain. Journal of Plant Nutrition and Soil Science, 2008, 171, 751-761.	1.1	15
146	Trends in pan evaporation and reference and actual evapotranspiration across the Tibetan Plateau. Journal of Geophysical Research, 2007, 112, .	3.3	305
147	Characterizing the dynamics of soil organic carbon in grasslands on the Qinghai-Tibetan Plateau. Science in China Series D: Earth Sciences, 2007, 50, 113-120.	0.9	55
148	Effects of irrigation on water balance, yield and WUE of winter wheat in the North China Plain. Agricultural Water Management, 2006, 85, 211-218.	2.4	309
149	Integration of MODIS data into a simple model for the spatial distributed simulation of soil water content and evapotranspiration. Remote Sensing of Environment, 2006, 104, 393-408.	4.6	74
150	An integrated algorithm for estimating regional latent heat flux and daily evapotranspiration. International Journal of Remote Sensing, 2006, 27, 129-152.	1.3	13
151	Inclusion of photoinhibition in simulation of carbon dynamics of an alpine meadow on the Qinghai-Tibetan Plateau. Journal of Geophysical Research, 2005, 110, .	3.3	9
152	Estimation of Winter Wheat Evapotranspiration under Water Stress with Two Semiempirical Approaches. Agronomy Journal, 2004, 96, 159.	0.9	32
153	Simulation of the Stomatal Conductance of Winter Wheat in Response to Light, Temperature and CO2 Changes. Annals of Botany, 2004, 93, 435-441.	1.4	88
154	Seasonal variation of energy partitioning in irrigated lands. Hydrological Processes, 2004, 18, 2223-2234.	1.1	35
155	Energy fluxes and the Priestleyâ€“Taylor parameter over winter wheat and maize in the North China Plain. Hydrological Processes, 2004, 18, 2235-2246.	1.1	32
156	Groundwater recharge from irrigated cropland in the North China Plain: case study of Luancheng County, Hebei Province, 1949â€“2000. Hydrological Processes, 2004, 18, 2289-2302.	1.1	181
157	Effect of soil water deficit on evapotranspiration, crop yield, and water use efficiency in the North China Plain. Agricultural Water Management, 2004, 64, 107-122.	2.4	260
158	A soil-water-balance approach to quantify groundwater recharge from irrigated cropland in the North China Plain. Hydrological Processes, 2003, 17, 2011-2031.	1.1	208
159	Determination of daily evaporation and evapotranspiration of winter wheat and maize by large-scale weighing lysimeter and micro-lysimeter. Agricultural and Forest Meteorology, 2002, 111, 109-120.	1.9	466
160	Measurement of evapotranspiration in a winter wheat field. Hydrological Processes, 2002, 16, 2805-2817.	1.1	37
161	Measurement and analysis of evapotranspiration and surface conductance of a wheat canopy. Hydrological Processes, 2002, 16, 2173-2187.	1.1	50
162	Variation of fluxes of water vapor, sensible heat and carbon dioxide above winter wheat and maize canopies. Journal of Chinese Geography, 2002, 12, 295-300.	1.5	3

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163	Simulation of rice biomass accumulation by an extended logistic model including influence of meteorological factors. International Journal of Biometeorology, 2002, 46, 185-191.	1.3	28
164	Water dynamics under changing land cover. Proceedings of the International Association of Hydrological Sciences, 0, 371, 215-221.	1.0	1
165	Long-term vegetation change and its driving factors in a typical catchment of the Loess Plateau. , 0, , .		0
166	A pixel-based indicator of upland crop waterlogging using remote sensing soil moisture data. , 0, , .		0