

# Yang E Hong

## List of Publications by Year in descending order

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389  
papers

27,873  
citations

8172

76  
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7340

152  
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411  
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411  
docs citations

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times ranked

17775  
citing authors

#	ARTICLE	IF	CITATIONS
1	The TRMM Multisatellite Precipitation Analysis (TMPA): Quasi-Global, Multiyear, Combined-Sensor Precipitation Estimates at Fine Scales. <i>Journal of Hydrometeorology</i> , 2007, 8, 38-55.	0.7	5,934
2	The Status of the Tropical Rainfall Measuring Mission (TRMM) after Two Years in Orbit. <i>Journal of Applied Meteorology and Climatology</i> , 2000, 39, 1965-1982.	1.7	1,000
3	The Evolution of the Goddard Profiling Algorithm (GPROF) for Rainfall Estimation from Passive Microwave Sensors. <i>Journal of Applied Meteorology and Climatology</i> , 2001, 40, 1801-1820.	1.7	687
4	Precipitation Estimation from Remotely Sensed Imagery Using an Artificial Neural Network Cloud Classification System. <i>Journal of Applied Meteorology and Climatology</i> , 2004, 43, 1834-1853.	1.7	661
5	Spatio-temporal dynamics and evolution of land use change and landscape pattern in response to rapid urbanization. <i>Landscape and Urban Planning</i> , 2009, 92, 187-198.	3.4	511
6	Evaluation of TRMM Multisatellite Precipitation Analysis (TMPA) and Its Utility in Hydrologic Prediction in the La Plata Basin. <i>Journal of Hydrometeorology</i> , 2008, 9, 622-640.	0.7	439
7	Evaluation of GPM Day-1 IMERG and TMPA Version-7 legacy products over Mainland China at multiple spatiotemporal scales. <i>Journal of Hydrology</i> , 2016, 533, 152-167.	2.3	425
8	Have satellite precipitation products improved over last two decades? A comprehensive comparison of GPM IMERG with nine satellite and reanalysis datasets. <i>Remote Sensing of Environment</i> , 2020, 240, 111697.	4.6	330
9	Drought and flood monitoring for a large karst plateau in Southwest China using extended GRACE data. <i>Remote Sensing of Environment</i> , 2014, 155, 145-160.	4.6	321
10	A global landslide catalog for hazard applications: method, results, and limitations. <i>Natural Hazards</i> , 2010, 52, 561-575.	1.6	320
11	Statistical and hydrological evaluation of TRMM-based Multi-satellite Precipitation Analysis over the Wangchu Basin of Bhutan: Are the latest satellite precipitation products 3B42V7 ready for use in ungauged basins?. <i>Journal of Hydrology</i> , 2013, 499, 91-99.	2.3	291
12	Vegetation Greening and Climate Change Promote Multidecadal Rises of Global Land Evapotranspiration. <i>Scientific Reports</i> , 2015, 5, 15956.	1.6	265
13	Hydrologic evaluation of Multisatellite Precipitation Analysis standard precipitation products in basins beyond its inclined latitude band: A case study in Laohahe basin, China. <i>Water Resources Research</i> , 2010, 46, .	1.7	234
14	Global analysis of spatiotemporal variability in merged total water storage changes using multiple GRACE products and global hydrological models. <i>Remote Sensing of Environment</i> , 2017, 192, 198-216.	4.6	223
15	Comprehensive evaluation of multi-satellite precipitation products with a dense rain gauge network and optimally merging their simulated hydrological flows using the Bayesian model averaging method. <i>Journal of Hydrology</i> , 2012, 452-453, 213-225.	2.3	221
16	Satellite Remote Sensing and Hydrologic Modeling for Flood Inundation Mapping in Lake Victoria Basin: Implications for Hydrologic Prediction in Ungauged Basins. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2011, 49, 85-95.	2.7	215
17	Use of satellite remote sensing data in the mapping of global landslide susceptibility. <i>Natural Hazards</i> , 2007, 43, 245-256.	1.6	210
18	Statistical and Hydrological Comparisons between TRMM and GPM Level-3 Products over a Midlatitude Basin: Is Day-1 IMERG a Good Successor for TMPA 3B42V7?. <i>Journal of Hydrometeorology</i> , 2016, 17, 121-137.	0.7	206

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19	Global View Of Real-Time Trmm Multisatellite Precipitation Analysis: Implications For Its Successor Global Precipitation Measurement Mission. Bulletin of the American Meteorological Society, 2015, 96, 283-296.	1.7	205
20	Have GRACE satellites overestimated groundwater depletion in the Northwest India Aquifer?. Scientific Reports, 2016, 6, 24398.	1.6	202
21	Deriving scaling factors using a global hydrological model to restore GRACE total water storage changes for China's Yangtze River Basin. Remote Sensing of Environment, 2015, 168, 177-193.	4.6	201
22	The coupled routing and excess storage (CREST) distributed hydrological model. Hydrological Sciences Journal, 2011, 56, 84-98.	1.2	198
23	Evaluation of PERSIANN-CCS Rainfall Measurement Using the NAME Event Rain Gauge Network. Journal of Hydrometeorology, 2007, 8, 469-482.	0.7	194
24	Uncertainty quantification of satellite precipitation estimation and Monte Carlo assessment of the error propagation into hydrologic response. Water Resources Research, 2006, 42, .	1.7	188
25	Multi-scale evaluation of high-resolution multi-sensor blended global precipitation products over the Yangtze River. Journal of Hydrology, 2013, 500, 157-169.	2.3	186
26	Early assessment of Integrated Multi-satellite Retrievals for Global Precipitation Measurement over China. Atmospheric Research, 2016, 176-177, 121-133.	1.8	186
27	Evaluation of the potential of NASA multi-satellite precipitation analysis in global landslide hazard assessment. Geophysical Research Letters, 2006, 33, .	1.5	179
28	Similarity and difference of the two successive V6 and V7 TRMM multisatellite precipitation analysis performance over China. Journal of Geophysical Research D: Atmospheres, 2013, 118, 13,060.	1.2	177
29	Evaluation of Global Flood Detection Using Satellite-Based Rainfall and a Hydrologic Model. Journal of Hydrometeorology, 2012, 13, 1268-1284.	0.7	175
30	Improved modeling of snow and glacier melting by a progressive two-stage calibration strategy with GRACE and multisource data: How snow and glacier meltwater contributes to the runoff of the Upper Brahmaputra River basin?. Water Resources Research, 2017, 53, 2431-2466.	1.7	163
31	Comparison of PERSIANN and V7 TRMM Multi-satellite Precipitation Analysis (TMPA) products with rain gauge data over Iran. International Journal of Remote Sensing, 2013, 34, 8156-8171.	1.3	158
32	Examining the influence of river-lake interaction on the drought and water resources in the Poyang Lake basin. Journal of Hydrology, 2015, 522, 510-521.	2.3	158
33	Diurnal Variability of Tropical Rainfall Retrieved from Combined GOES and TRMM Satellite Information. Journal of Climate, 2002, 15, 983-1001.	1.2	157
34	Quantitative assessment of climate change and human impacts on long-term hydrologic response: a case study in a sub-basin of the Yellow River, China. International Journal of Climatology, 2010, 30, 2130-2137.	1.5	155
35	Inundation Extent Mapping by Synthetic Aperture Radar: A Review. Remote Sensing, 2019, 11, 879.	1.8	153
36	A digitized global flood inventory (1998-2008): compilation and preliminary results. Natural Hazards, 2010, 55, 405-422.	1.6	151

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37	A first approach to global runoff simulation using satellite rainfall estimation. <i>Water Resources Research</i> , 2007, 43, .	1.7	150
38	Bayesian multimodel estimation of global terrestrial latent heat flux from eddy covariance, meteorological, and satellite observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 4521-4545.	1.2	146
39	Evaluation of the real-time TRMM-based multi-satellite precipitation analysis for an operational flood prediction system in Nzoia Basin, Lake Victoria, Africa. <i>Natural Hazards</i> , 2009, 50, 109-123.	1.6	138
40	Flood and landslide applications of near real-time satellite rainfall products. <i>Natural Hazards</i> , 2007, 43, 285-294.	1.6	137
41	Assessment of evolving TRMM-based multisatellite real-time precipitation estimation methods and their impacts on hydrologic prediction in a high latitude basin. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	135
42	Observed changes in flow regimes in the Mekong River basin. <i>Journal of Hydrology</i> , 2017, 551, 217-232.	2.3	135
43	Similarity and Error Intercomparison of the GPM and Its Predecessor-TRMM Multisatellite Precipitation Analysis Using the Best Available Hourly Gauge Network over the Tibetan Plateau. <i>Remote Sensing</i> , 2016, 8, 569.	1.8	129
44	The Third Atmospheric Scientific Experiment for Understanding the Earth's Atmosphere Coupled System over the Tibetan Plateau and Its Effects. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, 757-776.	1.7	128
45	The FLASH Project: Improving the Tools for Flash Flood Monitoring and Prediction across the United States. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, 361-372.	1.7	126
46	Toward a Framework for Systematic Error Modeling of Spaceborne Precipitation Radar with NOAA/NSSL Ground Radar-Based National Mosaic QPE. <i>Journal of Hydrometeorology</i> , 2012, 13, 1285-1300.	0.7	125
47	Intercomparison of the Version-6 and Version-7 TMPA precipitation products over high and low latitudes basins with independent gauge networks: Is the newer version better in both real-time and post-real-time analysis for water resources and hydrologic extremes?. <i>Journal of Hydrology</i> , 2014, 508, 77-87.	2.3	123
48	Multiregional Satellite Precipitation Products Evaluation over Complex Terrain. <i>Journal of Hydrometeorology</i> , 2016, 17, 1817-1836.	0.7	123
49	Evaluation of the successive V6 and V7 TRMM multisatellite precipitation analysis over the Continental United States. <i>Water Resources Research</i> , 2013, 49, 8174-8186.	1.7	122
50	Prototyping an experimental early warning system for rainfall-induced landslides in Indonesia using satellite remote sensing and geospatial datasets. <i>Landslides</i> , 2010, 7, 317-324.	2.7	120
51	Accounting for spatiotemporal errors of gauges: A critical step to evaluate gridded precipitation products. <i>Journal of Hydrology</i> , 2018, 559, 294-306.	2.3	112
52	Performance of Optimally Merged Multisatellite Precipitation Products Using the Dynamic Bayesian Model Averaging Scheme Over the Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 814-834.	1.2	111
53	Impacts of climate change and human activities on the flow regime of the dammed Lancang River in Southwest China. <i>Journal of Hydrology</i> , 2019, 570, 96-105.	2.3	111
54	Cross-evaluation of ground-based, multi-satellite and reanalysis precipitation products: Applicability of the Triple Collocation method across Mainland China. <i>Journal of Hydrology</i> , 2018, 562, 71-83.	2.3	105

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55	Comparison of TRMM 2A25 Products, Version 6 and Version 7, with NOAA/NSSL Ground Radar-Based National Mosaic QPE. <i>Journal of Hydrometeorology</i> , 2013, 14, 661-669.	0.7	104
56	Discharge estimation in high-mountain regions with improved methods using multisource remote sensing: A case study of the Upper Brahmaputra River. <i>Remote Sensing of Environment</i> , 2018, 219, 115-134.	4.6	101
57	A lake data set for the Tibetan Plateau from the 1960s, 2005, and 2014. <i>Scientific Data</i> , 2016, 3, 160039.	2.4	100
58	Multiscale Hydrologic Applications of the Latest Satellite Precipitation Products in the Yangtze River Basin using a Distributed Hydrologic Model. <i>Journal of Hydrometeorology</i> , 2015, 16, 407-426.	0.7	99
59	To What Extent is the Day 1 GPM IMERG Satellite Precipitation Estimate Improved as Compared to TRMM TMPA-RT?. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 1694-1707.	1.2	93
60	Analysis of flash flood disaster characteristics in China from 2011 to 2015. <i>Natural Hazards</i> , 2018, 90, 407-420.	1.6	92
61	Merging multiple precipitation sources for flash flood forecasting. <i>Journal of Hydrology</i> , 2007, 340, 183-196.	2.3	91
62	Evaluation of a preliminary satellite-based landslide hazard algorithm using global landslide inventories. <i>Natural Hazards and Earth System Sciences</i> , 2009, 9, 673-686.	1.5	90
63	A two-step framework for reconstructing remotely sensed land surface temperatures contaminated by cloud. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018, 141, 30-45.	4.9	90
64	Hydro-Climatological Drought Analyses and Projections Using Meteorological and Hydrological Drought Indices: A Case Study in Blue River Basin, Oklahoma. <i>Water Resources Management</i> , 2012, 26, 2761-2779.	1.9	88
65	VSDI: a visible and shortwave infrared drought index for monitoring soil and vegetation moisture based on optical remote sensing. <i>International Journal of Remote Sensing</i> , 2013, 34, 4585-4609.	1.3	88
66	Comprehensive evaluation of four high-resolution satellite precipitation products under diverse climate conditions in Iran. <i>Hydrological Sciences Journal</i> , 2016, 61, 420-440.	1.2	88
67	Statistical assessment and hydrological utility of the latest multi-satellite precipitation analysis IMERG in Ganjiang River basin. <i>Atmospheric Research</i> , 2017, 183, 212-223.	1.8	88
68	Advances in landslide nowcasting: evaluation of a global and regional modeling approach. <i>Environmental Earth Sciences</i> , 2012, 66, 1683-1696.	1.3	87
69	Performance evaluation of radar and satellite rainfalls for Typhoon Morakot over Taiwan: Are remote-sensing products ready for gauge denial scenario of extreme events?. <i>Journal of Hydrology</i> , 2013, 506, 4-13.	2.3	85
70	A Unified Flash Flood Database across the United States. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 799-805.	1.7	84
71	An Experimental Global Prediction System for Rainfall-Triggered Landslides Using Satellite Remote Sensing and Geospatial Datasets. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007, 45, 1671-1680.	2.7	83
72	Hydrological data assimilation with the Ensemble Square-Root-Filter: Use of streamflow observations to update model states for real-time flash flood forecasting. <i>Advances in Water Resources</i> , 2013, 59, 209-220.	1.7	82

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73	Probabilistic precipitation rate estimates with ground-based radar networks. <i>Water Resources Research</i> , 2015, 51, 1422-1442.	1.7	82
74	Evaluation of Version-7 TRMM Multi-Satellite Precipitation Analysis Product during the Beijing Extreme Heavy Rainfall Event of 21 July 2012. <i>Water (Switzerland)</i> , 2014, 6, 32-44.	1.2	79
75	Water balance-based actual evapotranspiration reconstruction from ground and satellite observations over the conterminous United States. <i>Water Resources Research</i> , 2015, 51, 6485-6499.	1.7	79
76	Assessing the potential of satellite-based precipitation estimates for flood frequency analysis in ungauged or poorly gauged tributaries of China's Yangtze River basin. <i>Journal of Hydrology</i> , 2017, 550, 478-496.	2.3	79
77	Precipitation Extremes Estimated by GPCP and TRMM: ENSO Relationships. <i>Journal of Hydrometeorology</i> , 2007, 8, 678-689.	0.7	78
78	Hydrologic Evaluation of Rainfall Estimates from Radar, Satellite, Gauge, and Combinations on Ft. Cobb Basin, Oklahoma. <i>Journal of Hydrometeorology</i> , 2011, 12, 973-988.	0.7	78
79	Mapping Flash Flood Severity in the United States. <i>Journal of Hydrometeorology</i> , 2017, 18, 397-411.	0.7	78
80	Susceptibility evaluation and mapping of China's landslides based on multi-source data. <i>Natural Hazards</i> , 2013, 69, 1477-1495.	1.6	76
81	Predicting global landslide spatiotemporal distribution: Integrating landslide susceptibility zoning techniques and real-time satellite rainfall estimates. <i>International Journal of Sediment Research</i> , 2008, 23, 249-257.	1.8	75
82	Evaluation of TRIGRS (transient rainfall infiltration and grid-based regional slope-stability analysis)'s predictive skill for hurricane-triggered landslides: a case study in Macon County, North Carolina. <i>Natural Hazards</i> , 2011, 58, 325-339.	1.6	75
83	Validation and reconstruction of FY-3B/MWRI soil moisture using an artificial neural network based on reconstructed MODIS optical products over the Tibetan Plateau. <i>Journal of Hydrology</i> , 2016, 543, 242-254.	2.3	75
84	Global intercomparison and regional evaluation of GPM IMERG Version-03, Version-04 and its latest Version-05 precipitation products: Similarity, difference and improvements. <i>Journal of Hydrology</i> , 2018, 564, 342-356.	2.3	75
85	AIMERG: a new Asian precipitation dataset (0.1°/half-hourly, 2000-2015) by calibrating the GPM-era IMERG at a daily scale using APHRODITE. <i>Earth System Science Data</i> , 2020, 12, 1525-1544.	3.7	75
86	A comprehensive data set of lake surface water temperature over the Tibetan Plateau derived from MODIS LST products 2001-2015. <i>Scientific Data</i> , 2017, 4, 170095.	2.4	71
87	Comprehensive evaluation of Ensemble Multi-Satellite Precipitation Dataset using the Dynamic Bayesian Model Averaging scheme over the Tibetan plateau. <i>Journal of Hydrology</i> , 2018, 556, 634-644.	2.3	71
88	An improved approach to monitoring Brahmaputra River water levels using retracked altimetry data. <i>Remote Sensing of Environment</i> , 2018, 211, 112-128.	4.6	69
89	Evaluation of a satellite-based global flood monitoring system. <i>International Journal of Remote Sensing</i> , 2010, 31, 3763-3782.	1.3	68
90	Documentation of multifactorial relationships between precipitation and topography of the Tibetan Plateau using spaceborne precipitation radars. <i>Remote Sensing of Environment</i> , 2018, 208, 82-96.	4.6	68

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91	Evaluation of Tools Used for Monitoring and Forecasting Flash Floods in the United States. <i>Weather and Forecasting</i> , 2012, 27, 158-173.	0.5	67
92	CONUS-Wide Evaluation of National Weather Service Flash Flood Guidance Products. <i>Weather and Forecasting</i> , 2014, 29, 377-392.	0.5	66
93	Evaluation of three high-resolution satellite precipitation estimates: Potential for monsoon monitoring over Pakistan. <i>Advances in Space Research</i> , 2014, 54, 670-684.	1.2	66
94	Investigating the impact of remotely sensed precipitation and hydrologic model uncertainties on the ensemble streamflow forecasting. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	65
95	Comparison analysis of six purely satellite-derived global precipitation estimates. <i>Journal of Hydrology</i> , 2020, 581, 124376.	2.3	65
96	Can artificial intelligence and data-driven machine learning models match or even replace process-driven hydrologic models for streamflow simulation?: A case study of four watersheds with different hydro-climatic regions across the CONUS. <i>Journal of Hydrology</i> , 2021, 598, 126423.	2.3	65
97	A cloud-based global flood disaster community cyber-infrastructure: Development and demonstration. <i>Environmental Modelling and Software</i> , 2014, 58, 86-94.	1.9	64
98	Estimation of global SCS curve numbers using satellite remote sensing and geospatial data. <i>International Journal of Remote Sensing</i> , 2008, 29, 471-477.	1.3	63
99	Effects of Resolution of Satellite-Based Rainfall Estimates on Hydrologic Modeling Skill at Different Scales. <i>Journal of Hydrometeorology</i> , 2014, 15, 593-613.	0.7	60
100	Uncertainty analysis of five satellite-based precipitation products and evaluation of three optimally merged multi-algorithm products over the Tibetan Plateau. <i>International Journal of Remote Sensing</i> , 2014, 35, 6843-6858.	1.3	60
101	Uncertainty analysis of bias from satellite rainfall estimates using copula method. <i>Atmospheric Research</i> , 2014, 137, 145-166.	1.8	59
102	Quantitative assessment of climate and human impacts on surface water resources in a typical semi-arid watershed in the middle reaches of the Yellow River from 1985 to 2006. <i>International Journal of Climatology</i> , 2015, 35, 97-113.	1.5	59
103	Exploring Deep Neural Networks to Retrieve Rain and Snow in High Latitudes Using Multisensor and Reanalysis Data. <i>Water Resources Research</i> , 2018, 54, 8253-8278.	1.7	59
104	Developing a composite daily snow cover extent record over the Tibetan Plateau from 1981 to 2016 using multisource data. <i>Remote Sensing of Environment</i> , 2018, 215, 284-299.	4.6	58
105	Intercomparison of Rainfall Estimates from Radar, Satellite, Gauge, and Combinations for a Season of Record Rainfall. <i>Journal of Applied Meteorology and Climatology</i> , 2010, 49, 437-452.	0.6	57
106	Hydroclimatology of Lake Victoria region using hydrologic model and satellite remote sensing data. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 107-117.	1.9	56
107	Atmospheric moisture transport versus precipitation across the Tibetan Plateau: A mini-review and current challenges. <i>Atmospheric Research</i> , 2018, 209, 50-58.	1.8	56
108	Error-Component Analysis of TRMM-Based Multi-Satellite Precipitation Estimates over Mainland China. <i>Remote Sensing</i> , 2016, 8, 440.	1.8	55

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109	Towards an early warning system for global landslides triggered by rainfall and earthquake. <i>International Journal of Remote Sensing</i> , 2007, 28, 3713-3719.	1.3	54
110	An Improved Cloud Classification Algorithm for China's FY-2C Multi-Channel Images Using Artificial Neural Network. <i>Sensors</i> , 2009, 9, 5558-5579.	2.1	54
111	Recognizing Global Reservoirs From Landsat 8 Images: A Deep Learning Approach. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019, 12, 3168-3177.	2.3	54
112	Recent global performance of the Climate Hazards group Infrared Precipitation (CHIRP) with Stations (CHIRPS). <i>Journal of Hydrology</i> , 2020, 591, 125284.	2.3	54
113	Skill assessment of a real-time forecast system utilizing a coupled hydrologic and coastal hydrodynamic model during Hurricane Irene (2011). <i>Continental Shelf Research</i> , 2013, 71, 78-94.	0.9	53
114	Investigating the Applicability of Error Correction Ensembles of Satellite Rainfall Products in River Flow Simulations. <i>Journal of Hydrometeorology</i> , 2013, 14, 1194-1211.	0.7	53
115	A method for probabilistic flash flood forecasting. <i>Journal of Hydrology</i> , 2016, 541, 480-494.	2.3	53
116	Facile preparation of free-standing rGO paper-based Ni-Mn LDH/graphene superlattice composites as a pseudocapacitive electrode. <i>Chemical Communications</i> , 2016, 52, 3694-3696.	2.2	53
117	Evaluation of the TRMM multisatellite precipitation analysis and its applicability in supporting reservoir operation and water resources management in Hanjiang basin, China. <i>Journal of Hydrology</i> , 2017, 549, 313-325.	2.3	52
118	Characterization of floods in the United States. <i>Journal of Hydrology</i> , 2017, 548, 524-535.	2.3	52
119	Performance assessment of the successive Version 6 and Version 7 TMPA products over the climate-transitional zone in the southern Great Plains, USA. <i>Journal of Hydrology</i> , 2014, 513, 446-456.	2.3	51
120	A Google Earth Engine-enabled software for efficiently generating high-quality user-ready Landsat mosaic images. <i>Environmental Modelling and Software</i> , 2019, 112, 16-22.	1.9	50
121	Using multi-satellite microwave remote sensing observations for retrieval of daily surface soil moisture across China. <i>Water Science and Engineering</i> , 2019, 12, 85-97.	1.4	49
122	Using CYGNSS Data to Monitor China's Flood Inundation during Typhoon and Extreme Precipitation Events in 2017. <i>Remote Sensing</i> , 2019, 11, 854.	1.8	49
123	Flash Flood Risk Analysis Based on Machine Learning Techniques in the Yunnan Province, China. <i>Remote Sensing</i> , 2019, 11, 170.	1.8	49
124	Assessment of shallow landslides from Hurricane Mitch in central America using a physically based model. <i>Environmental Earth Sciences</i> , 2012, 66, 1697-1705.	1.3	48
125	Runoff sensitivity to climate change in the Nile River Basin. <i>Journal of Hydrology</i> , 2018, 561, 312-321.	2.3	48
126	Self-organizing nonlinear output (SONO): A neural network suitable for cloud patch-based rainfall estimation at small scales. <i>Water Resources Research</i> , 2005, 41, .	1.7	47



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127	First evaluation of the climatological calibration algorithm in the real-time TMPA precipitation estimates over two basins at high and low latitudes. <i>Water Resources Research</i> , 2013, 49, 2461-2472.	1.7	47
128	iCRESTRIGRS: a coupled modeling system for cascading flood-landslide disaster forecasting. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 5035-5048.	1.9	47
129	New Multisite Cascading Calibration Approach for Hydrological Models: Case Study in the Red River Basin Using the VIC Model. <i>Journal of Hydrologic Engineering - ASCE</i> , 2016, 21, .	0.8	47
130	The Temporal-Spatial Characteristics of Drought in the Loess Plateau Using the Remote-Sensed TRMM Precipitation Data from 1998 to 2014. <i>Remote Sensing</i> , 2018, 10, 838.	1.8	47
131	Evaluation and Uncertainty Estimation of NOAA/NSSL Next-Generation National Mosaic Quantitative Precipitation Estimation Product (Q2) over the Continental United States. <i>Journal of Hydrometeorology</i> , 2013, 14, 1308-1322.	0.7	46
132	Development of a coupled hydrological-geotechnical framework for rainfall-induced landslides prediction. <i>Journal of Hydrology</i> , 2016, 543, 395-405.	2.3	46
133	Lake Surface Water Temperature Change Over the Tibetan Plateau From 2001 to 2015: A Sensitive Indicator of the Warming Climate. <i>Geophysical Research Letters</i> , 2018, 45, 11,177.	1.5	46
134	Impact of sub-pixel rainfall variability on spaceborne precipitation estimation: evaluating the TRMM 2A25 product. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 953-966.	1.0	45
135	Development of an NRCS curve number global dataset using the latest geospatial remote sensing data for worldwide hydrologic applications. <i>Remote Sensing Letters</i> , 2017, 8, 528-536.	0.6	45
136	Impact of the crucial geographic and climatic factors on the input source errors of GPM-based global satellite precipitation estimates. <i>Journal of Hydrology</i> , 2019, 575, 1-16.	2.3	45
137	Microwave Satellite Data for Hydrologic Modeling in Ungauged Basins. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2012, 9, 663-667.	1.4	44
138	Comparison of snowfall estimates from the NASA CloudSat Cloud Profiling Radar and NOAA/NSSL Multi-Radar Multi-Sensor System. <i>Journal of Hydrology</i> , 2016, 541, 862-872.	2.3	44
139	Refining a Distributed Linear Reservoir Routing Method to Improve Performance of the CREST Model. <i>Journal of Hydrologic Engineering - ASCE</i> , 2017, 22, .	0.8	44
140	In Quest of Calibration Density and Consistency in Hydrologic Modeling: Distributed Parameter Calibration against Streamflow Characteristics. <i>Water Resources Research</i> , 2019, 55, 7784-7803.	1.7	44
141	Crop Water footprint estimation and modeling using an artificial neural network approach in the Nile Delta, Egypt. <i>Agricultural Water Management</i> , 2020, 235, 106080.	2.4	44
142	Monitoring Urban Greenness Dynamics Using Multiple Endmember Spectral Mixture Analysis. <i>PLoS ONE</i> , 2014, 9, e112202.	1.1	43
143	Effects of ecological and conventional agricultural intensification practices on maize yields in sub-Saharan Africa under potential climate change. <i>Environmental Research Letters</i> , 2014, 9, 044004.	2.2	43
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