

Yang E Hong

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

388
papers

21,288
citations

66
h-index

135
g-index

411
ext. papers

24,506
ext. citations

4.5
avg, IF

6.98
L-index

#	Paper	IF	Citations
388	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	3.7	5064
387	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		850
386	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		594
385	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		506
384	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	7.7	396
383	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	3.7	385
382	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	6	319
381	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	6	254
380	A global landslide catalog for hazard applications: method, results, and limitations. <i>Natural Hazards</i> , 2010 , 52, 561-575	3	227
379	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	13.2	215
378	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,	5.4	199
377	Vegetation Greening and Climate Change Promote Multidecadal Rises of Global Land Evapotranspiration. <i>Scientific Reports</i> , 2015 , 5, 15956	4.9	180
376	Global View Of Real-Time Trmm Multisatellite Precipitation Analysis: Implications For Its Successor Global Precipitation Measurement Mission. <i>Bulletin of the American Meteorological Society</i> , 2015 , 96, 283-296	6.1	171
375	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	6	171
374	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	8.1	169
373	Uncertainty quantification of satellite precipitation estimation and Monte Carlo assessment of the error propagation into hydrologic response. <i>Water Resources Research</i> , 2006 , 42,	5.4	165
372	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	3.7	163

371	Evaluation of PERSIANN-CCS Rainfall Measurement Using the NAME Event Rain Gauge Network. <i>Journal of Hydrometeorology</i> , 2007 , 8, 469-482	3.7	162
370	Use of satellite remote sensing data in the mapping of global landslide susceptibility. <i>Natural Hazards</i> , 2007 , 43, 245-256	3	159
369	Multi-scale evaluation of high-resolution multi-sensor blended global precipitation products over the Yangtze River. <i>Journal of Hydrology</i> , 2013 , 500, 157-169	6	153
368	The coupled routing and excess storage (CREST) distributed hydrological model. <i>Hydrological Sciences Journal</i> , 2011 , 56, 84-98	3.5	152
367	Have GRACE satellites overestimated groundwater depletion in the Northwest India Aquifer?. <i>Scientific Reports</i> , 2016 , 6, 24398	4.9	150
366	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	13.2	148
365	Deriving scaling factors using a global hydrological model to restore GRACE total water storage changes for China's Yangtze River Basin. <i>Remote Sensing of Environment</i> , 2015 , 168, 177-193	13.2	147
364	Similarity and difference of the two successive V6 and V7 TRMM multisatellite precipitation analysis performance over China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 13,060-13,074	13.4	147
363	Early assessment of Integrated Multi-satellite Retrievals for Global Precipitation Measurement over China. <i>Atmospheric Research</i> , 2016 , 176-177, 121-133	5.4	142
362	Evaluation of Global Flood Detection Using Satellite-Based Rainfall and a Hydrologic Model. <i>Journal of Hydrometeorology</i> , 2012 , 13, 1268-1284	3.7	139
361	Evaluation of the potential of NASA multi-satellite precipitation analysis in global landslide hazard assessment. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	137
360	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. <i>International Journal of Climatology</i> , 2010 , 30, 2130-2137	3.5	136
359	Diurnal Variability of Tropical Rainfall Retrieved from Combined GOES and TRMM Satellite Information. <i>Journal of Climate</i> , 2002 , 15, 983-1001	4.4	135
358	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	13.2	130
357	A first approach to global runoff simulation using satellite rainfall estimation. <i>Water Resources Research</i> , 2007 , 43,	5.4	127
356	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, n/a-n/a		120
355	Comparison of PERSIANN and V7 TRMM Multi-satellite Precipitation Analysis (TMPA) products with rain gauge data over Iran. <i>International Journal of Remote Sensing</i> , 2013 , 34, 8156-8171	3.1	120
354	A digitized global flood inventory (1998-2008): compilation and preliminary results. <i>Natural Hazards</i> , 2010 , 55, 405-422	3	119

353	Flood and landslide applications of near real-time satellite rainfall products. <i>Natural Hazards</i> , 2007 , 43, 285-294	3	119
352	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	3	118
351	Examining the influence of river-lake interaction on the drought and water resources in the Poyang Lake basin. <i>Journal of Hydrology</i> , 2015 , 522, 510-521	6	113
350	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?. <i>Water Resources Research</i> , 2017 , 53, 2431-2466	5.4	108
349	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	5.4	108
348	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, 577-597	6	108
347	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	3.7	97
346	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	5	97
345	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	3.7	94
344	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	4.4	93
343	Observed changes in flow regimes in the Mekong River basin. <i>Journal of Hydrology</i> , 2017 , 551, 217-232	6	91
342	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	6.1	91
341	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	6.6	91
340	Multiregional Satellite Precipitation Products Evaluation over Complex Terrain. <i>Journal of Hydrometeorology</i> , 2016 , 17, 1817-1836	3.7	87
339	Inundation Extent Mapping by Synthetic Aperture Radar: A Review. <i>Remote Sensing</i> , 2019 , 11, 879	5	84
338	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	3.7	81
337	Accounting for spatiotemporal errors of gauges: A critical step to evaluate gridded precipitation products. <i>Journal of Hydrology</i> , 2018 , 559, 294-306	6	78
336	The Third Atmospheric Scientific Experiment for Understanding the Earth-Atmosphere Coupled System over the Tibetan Plateau and Its Effects. <i>Bulletin of the American Meteorological Society</i> , 2018 , 99, 757-776	6.1	78

335	A lake data set for the Tibetan Plateau from the 1960s, 2005, and 2014. <i>Scientific Data</i> , 2016 , 3, 160039	8.2	73
334	Merging multiple precipitation sources for flash flood forecasting. <i>Journal of Hydrology</i> , 2007 , 340, 183-196		73
333	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	4.4	71
332	Advances in landslide nowcasting: evaluation of a global and regional modeling approach. <i>Environmental Earth Sciences</i> , 2012 , 66, 1683-1696	2.9	71
331	Precipitation Extremes Estimated by GPCP and TRMM: ENSO Relationships. <i>Journal of Hydrometeorology</i> , 2007 , 8, 678-689	3.7	71
330	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	3.9	70
329	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	4.7	69
328	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	5.4	69
327	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	3	68
326	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	13.2	68
325	A Unified Flash Flood Database across the United States. <i>Bulletin of the American Meteorological Society</i> , 2013 , 94, 799-805	6.1	67
324	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	3.7	67
323	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	6	66
322	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	4.4	66
321	Analysis of flash flood disaster characteristics in China from 2011 to 2015. <i>Natural Hazards</i> , 2018 , 90, 407-420	3	65
320	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	11.8	62
319	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	3	62
318	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007 , 45, 1671-1680	8.1	62

317	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	5.4	61
316	Probabilistic precipitation rate estimates with ground-based radar networks. <i>Water Resources Research</i> , 2015 , 51, 1422-1442	5.4	61
315	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	3.7	61
314	Comprehensive evaluation of four high-resolution satellite precipitation products under diverse climate conditions in Iran. <i>Hydrological Sciences Journal</i> , 2016 , 61, 420-440	3.5	60
313	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	6	58
312	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	3	58
311	Evaluation of Tools Used for Monitoring and Forecasting Flash Floods in the United States. <i>Weather and Forecasting</i> , 2012 , 27, 158-173	2.1	58
310	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	6	58
309	Evaluation of a satellite-based global flood monitoring system. <i>International Journal of Remote Sensing</i> , 2010 , 31, 3763-3782	3.1	57
308	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	6	56
307	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	6	56
306	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	3.1	55
305	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	2.7	54
304	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	6	53
303	A cloud-based global flood disaster community cyber-infrastructure: Development and demonstration. <i>Environmental Modelling and Software</i> , 2014 , 58, 86-94	5.2	53
302	CONUS-Wide Evaluation of National Weather Service Flash Flood Guidance Products. <i>Weather and Forecasting</i> , 2014 , 29, 377-392	2.1	52
301	Investigating the impact of remotely sensed precipitation and hydrologic model uncertainties on the ensemble streamflow forecasting. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	52
300	Evaluation of three high-resolution satellite precipitation estimates: Potential for monsoon monitoring over Pakistan. <i>Advances in Space Research</i> , 2014 , 54, 670-684	2.4	51

299	Uncertainty analysis of bias from satellite rainfall estimates using copula method. <i>Atmospheric Research</i> , 2014 , 137, 145-166	5.4	51
298	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	8.2	51
297	Susceptibility evaluation and mapping of China's landslides based on multi-source data. <i>Natural Hazards</i> , 2013 , 69, 1477-1495	3	50
296	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	6	49
295	Mapping Flash Flood Severity in the United States. <i>Journal of Hydrometeorology</i> , 2017 , 18, 397-411	3.7	49
294	Hydroclimatology of Lake Victoria region using hydrologic model and satellite remote sensing data. <i>Hydrology and Earth System Sciences</i> , 2011 , 15, 107-117	5.5	49
293	An improved approach to monitoring Brahmaputra River water levels using retracked altimetry data. <i>Remote Sensing of Environment</i> , 2018 , 211, 112-128	13.2	48
292	Effects of Resolution of Satellite-Based Rainfall Estimates on Hydrologic Modeling Skill at Different Scales. <i>Journal of Hydrometeorology</i> , 2014 , 15, 593-613	3.7	48
291	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	3.5	46
290	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	6	45
289	Error-Component Analysis of TRMM-Based Multi-Satellite Precipitation Estimates over Mainland China. <i>Remote Sensing</i> , 2016 , 8, 440	5	45
288	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	5.4	44
287	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	13.2	43
286	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	2.4	43
285	Assessment of shallow landslides from Hurricane Mitch in central America using a physically based model. <i>Environmental Earth Sciences</i> , 2012 , 66, 1697-1705	2.9	43
284	Estimation of global SCS curve numbers using satellite remote sensing and geospatial data. <i>International Journal of Remote Sensing</i> , 2008 , 29, 471-477	3.1	43
283	Towards an early-warning system for global landslides triggered by rainfall and earthquake. <i>International Journal of Remote Sensing</i> , 2007 , 28, 3713-3719	3.1	43
282	Investigating the Applicability of Error Correction Ensembles of Satellite Rainfall Products in River Flow Simulations. <i>Journal of Hydrometeorology</i> , 2013 , 14, 1194-1211	3.7	42

281	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,	5.4	42
280	Facile preparation of free-standing rGO paper-based Ni-Mn LDH/graphene superlattice composites as a pseudocapacitive electrode. <i>Chemical Communications</i> , 2016 , 52, 3694-6	5.8	41
279	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	3.7	41
278	An Improved Cloud Classification Algorithm for China's FY-2C Multi-Channel Images Using Artificial Neural Network. <i>Sensors</i> , 2009 , 9, 5558-79	3.8	41
277	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	6.4	40
276	Evaluation of high-resolution precipitation estimates from satellites during July 2012 Beijing flood event using dense rain gauge observations. <i>PLoS ONE</i> , 2014 , 9, e89681	3.7	40
275	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	6	39
274	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	3.1	39
273	Microwave Satellite Data for Hydrologic Modeling in Ungauged Basins. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2012 , 9, 663-667	4.1	38
272	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, 05015019	1.8	37
271	Characterization of floods in the United States. <i>Journal of Hydrology</i> , 2017 , 548, 524-535	6	37
270	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	4	37
269	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	6.2	36
268	55-year (1960-2015) spatiotemporal shoreline change analysis using historical DISP and Landsat time series data in Shanghai. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018 , 68, 238-251	7.3	35
267	Improving water quantity simulation & forecasting to solve the energy-water-food nexus issue by using heterogeneous computing accelerated global optimization method. <i>Applied Energy</i> , 2018 , 210, 420-433	10.7	35
266	Improvement of Multi-Satellite Real-Time Precipitation Products for Ensemble Streamflow Simulation in a Middle Latitude Basin in South China. <i>Water Resources Management</i> , 2014 , 28, 2259-2278 ³⁻⁷	3.7	35
265	Improved representation of diurnal variability of rainfall retrieved from the Tropical Rainfall Measurement Mission Microwave Imager adjusted Precipitation Estimation From Remotely Sensed Information Using Artificial Neural Networks (PERSIANN) system. <i>Journal of Geophysical Research</i> , 2005 , 110, n/a-n/a		35
264	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	13.2	35

263	Similarities and differences between three coexisting spaceborne radars in global rainfall and snowfall estimation. <i>Water Resources Research</i> , 2017 , 53, 3835-3853	5.4	34
262	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	6	34
261	Comparison analysis of six purely satellite-derived global precipitation estimates. <i>Journal of Hydrology</i> , 2020 , 581, 124376	6	33
260	A method for probabilistic flash flood forecasting. <i>Journal of Hydrology</i> , 2016 , 541, 480-494	6	33
259	Runoff sensitivity to climate change in the Nile River Basin. <i>Journal of Hydrology</i> , 2018 , 561, 312-321	6	32
258	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	5	32
257	Evaluation of past, present and future tools for radar-based flash-flood prediction in the USA. <i>Hydrological Sciences Journal</i> , 2014 , 59, 1377-1389	3.5	32
256	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	10.5	32
255	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	5.2	32
254	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	5.4	32
253	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	2.3	31
252	Hydrometeorological Analysis and Remote Sensing of Extremes: Was the July 2012 Beijing Flood Event Detectable and Predictable by Global Satellite Observing and Global Weather Modeling Systems?. <i>Journal of Hydrometeorology</i> , 2015 , 16, 381-395	3.7	31
251	Satellite remote sensing for global landslide monitoring. <i>Eos</i> , 2007 , 88, 357	1.5	31
250	The emerging role of satellite rainfall data in improving the hydro-political situation of flood monitoring in the under-developed regions of the world. <i>Natural Hazards</i> , 2007 , 43, 199-210	3	30
249	Atmospheric moisture transport versus precipitation across the Tibetan Plateau: A mini-review and current challenges. <i>Atmospheric Research</i> , 2018 , 209, 50-58	5.4	29
248	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	4.7	29
247	Multi-Sensor Imaging and Space-Ground Cross-Validation for 2010 Flood along Indus River, Pakistan. <i>Remote Sensing</i> , 2014 , 6, 2393-2407	5	29
246	Quantitative Precipitation Nowcasting: A Lagrangian Pixel-Based Approach. <i>Atmospheric Research</i> , 2012 , 118, 418-434	5.4	29

245	The Influence of Surface and Precipitation Characteristics on TRMM Microwave Imager Rainfall Retrieval Uncertainty. <i>Journal of Hydrometeorology</i> , 2015 , 16, 1596-1614	3.7	28
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