Jonathan J Gourley

List of Publications by Year
in descending order

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151 papers	7,696 citations	44042 48 h-index	60583 81 g-index
157 all docs	157 docs citations	157 times ranked	6054 citing authors

#	Article	IF	Citations
1	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?. Journal of Hydrology, 2013, 499, 91-99.	2.3	291
2	Vegetation Greening and Climate Change Promote Multidecadal Rises of Global Land Evapotranspiration. Scientific Reports, 2015, 5, 15956.	1.6	265
3	HyMeX-SOP1: The Field Campaign Dedicated to Heavy Precipitation and Flash Flooding in the Northwestern Mediterranean. Bulletin of the American Meteorological Society, 2014, 95, 1083-1100.	1.7	262
4	Hydrologic evaluation of Multisatellite Precipitation Analysis standard precipitation products in basins beyond its inclined latitude band: A case study in Laohahe basin, China. Water Resources Research, 2010, 46, .	1.7	234
5	Satellite Remote Sensing and Hydrologic Modeling for Flood Inundation Mapping in Lake Victoria Basin: Implications for Hydrologic Prediction in Ungauged Basins. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 85-95.	2.7	215
6	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
7	The coupled routing and excess storage (CREST) distributed hydrological model. Hydrological Sciences Journal, 2011, 56, 84-98.	1.2	198
8	Weather Radar Coverage over the Contiguous United States. Weather and Forecasting, 2002, 17, 927-934.	0.5	184
9	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
10	Quantitative assessment of climate change and human impacts on longâ€term hydrologic response: a case study in a subâ€basin of the Yellow River, China. International Journal of Climatology, 2010, 30, 2130-2137.	1.5	155
11	A digitized global flood inventory (1998â€“2008): compilation and preliminary results. Natural Hazards, 2010, 55, 405-422.	1.6	151
12	Constructing Three-Dimensional Multiple-Radar Reflectivity Mosaics: Examples of Convective Storms and Stratiform Rain Echoes. Journal of Atmospheric and Oceanic Technology, 2005, 22, 30-42.	0.5	146
13	Analysis of flash flood parameters and human impacts in the US from 2006 to 2012. Journal of Hydrology, 2014, 519, 863-870.	2.3	145
14	Assessment of evolving TRMMâ€based multisatellite realâ€time precipitation estimation methods and their impacts on hydrologic prediction in a high latitude basin. Journal of Geophysical Research, 2012, 117, .	3.3	135
15	A Fuzzy Logic Algorithm for the Separation of Precipitating from Nonprecipitating Echoes Using Polarimetric Radar Observations. Journal of Atmospheric and Oceanic Technology, 2007, 24, 1439-1451.	0.5	128
16	The FLASH Project: Improving the Tools for Flash Flood Monitoring and Prediction across the United States. Bulletin of the American Meteorological Society, 2017, 98, 361-372.	1.7	126
17	Toward a Framework for Systematic Error Modeling of Spaceborne Precipitation Radar with NOAA/NSSL Ground Radarâ€“Based National Mosaic QPE. Journal of Hydrometeorology, 2012, 13, 1285-1300.	0.7	125
18	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?. Journal of Hydrology, 2014, 508, 77-87.	2.3	123

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19	Evaluation of the successive V6 and V7 TRMM multisatellite precipitation analysis over the Continental United States. Water Resources Research, 2013, 49, 8174-8186.	1.7	122
20	Comparison of TRMM 2A25 Products, Version 6 and Version 7, with NOAA/NSSL Ground Radarâ€“Based National Mosaic QPE. Journal of Hydrometeorology, 2013, 14, 661-669.	0.7	104
21	THE SEVERE HAZARDS ANALYSIS AND VERIFICATION EXPERIMENT. Bulletin of the American Meteorological Society, 2009, 90, 1519-1530.	1.7	97
22	To What Extent is the Day 1 GPM IMERG Satellite Precipitation Estimate Improved as Compared to TRMM TMPAâ€RT?. Journal of Geophysical Research D: Atmospheres, 2018, 123, 1694-1707.	1.2	93
23	Performance evaluation of radar and satellite rainfalls for Typhoon Morakot over Taiwan: Are remote-sensing products ready for gauge denial scenario of extreme events?. Journal of Hydrology, 2013, 506, 4-13.	2.3	85
24	Dynamic vulnerability factors for impact-based flash flood prediction. Natural Hazards, 2015, 79, 1481-1497.	1.6	85
25	A Unified Flash Flood Database across the United States. Bulletin of the American Meteorological Society, 2013, 94, 799-805.	1.7	84
26	A Situation-Based Analysis of Flash Flood Fatalities in the United States. Bulletin of the American Meteorological Society, 2017, 98, 333-345.	1.7	83
27	Hydrological data assimilation with the Ensemble Square-Root-Filter: Use of streamflow observations to update model states for real-time flash flood forecasting. Advances in Water Resources, 2013, 59, 209-220.	1.7	82
28	Probabilistic precipitation rate estimates with groundâ€based radar networks. Water Resources Research, 2015, 51, 1422-1442.	1.7	82
29	Water balanceâ€based actual evapotranspiration reconstruction from ground and satellite observations over the conterminous <scp>U</scp>nited <scp>S</scp>tates. Water Resources Research, 2015, 51, 6485-6499.	1.7	79
30	Hydrologic Evaluation of Rainfall Estimates from Radar, Satellite, Gauge, and Combinations on Ft. Cobb Basin, Oklahoma. Journal of Hydrometeorology, 2011, 12, 973-988.	0.7	78
31	Mapping Flash Flood Severity in the United States. Journal of Hydrometeorology, 2017, 18, 397-411.	0.7	78
32	Evaluation of TRIGRS (transient rainfall infiltration and grid-based regional slope-stability analysis)â€™s predictive skill for hurricane-triggered landslides: a case study in Macon County, North Carolina. Natural Hazards, 2011, 58, 325-339.	1.6	75
33	A Method for Evaluating the Accuracy of Quantitative Precipitation Estimates from a Hydrologic Modeling Perspective. Journal of Hydrometeorology, 2005, 6, 115-133.	0.7	68
34	Evaluation of Tools Used for Monitoring and Forecasting Flash Floods in the United States. Weather and Forecasting, 2012, 27, 158-173.	0.5	67
35	CONUS-Wide Evaluation of National Weather Service Flash Flood Guidance Products. Weather and Forecasting, 2014, 29, 377-392.	0.5	66
36	Evaluation of three high-resolution satellite precipitation estimates: Potential for monsoon monitoring over Pakistan. Advances in Space Research, 2014, 54, 670-684.	1.2	66

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37	A method for identifying sources of model uncertainty in rainfall-runoff simulations. Journal of Hydrology, 2006, 327, 68-80.	2.3	65
38	The development of a flash flood severity index. Journal of Hydrology, 2016, 541, 523-532.	2.3	65
39	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. Journal of Hydrology, 2021, 598, 126423.	2.3	65
40	A cloud-based global flood disaster community cyber-infrastructure: Development and demonstration. Environmental Modelling and Software, 2014, 58, 86-94.	1.9	64
41	Effects of Resolution of Satellite-Based Rainfall Estimates on Hydrologic Modeling Skill at Different Scales. Journal of Hydrometeorology, 2014, 15, 593-613.	0.7	60
42	Supplementing flash flood reports with impact classifications. Journal of Hydrology, 2013, 477, 1-16.	2.3	58
43	Absolute Calibration of Radar Reflectivity Using Redundancy of the Polarization Observations and Implied Constraints on Drop Shapes. Journal of Atmospheric and Oceanic Technology, 2009, 26, 689-703.	0.5	57
44	Intercomparison of Rainfall Estimates from Radar, Satellite, Gauge, and Combinations for a Season of Record Rainfall. Journal of Applied Meteorology and Climatology, 2010, 49, 437-452.	0.6	57
45	Recent global performance of the Climate Hazards group Infrared Precipitation (CHIRP) with Stations (CHIRPS). Journal of Hydrology, 2020, 591, 125284.	2.3	54
46	Skill assessment of a real-time forecast system utilizing a coupled hydrologic and coastal hydrodynamic model during Hurricane Irene (2011). Continental Shelf Research, 2013, 71, 78-94.	0.9	53
47	Investigating the Applicability of Error Correction Ensembles of Satellite Rainfall Products in River Flow Simulations. Journal of Hydrometeorology, 2013, 14, 1194-1211.	0.7	53
48	A method for probabilistic flash flood forecasting. Journal of Hydrology, 2016, 541, 480-494.	2.3	53
49	Characterization of floods in the United States. Journal of Hydrology, 2017, 548, 524-535.	2.3	52
50	Performance assessment of the successive Version 6 and Version 7 TMPA products over the climate-transitional zone in the southern Great Plains, USA. Journal of Hydrology, 2014, 513, 446-456.	2.3	51
51	Toward Probabilistic Prediction of Flash Flood Human Impacts. Risk Analysis, 2019, 39, 140-161.	1.5	48
52	First evaluation of the climatological calibration algorithm in the realâ€time TMPA precipitation estimates over two basins at high and low latitudes. Water Resources Research, 2013, 49, 2461-2472.	1.7	47
53	iCRESTRIGRS: a coupled modeling system for cascading floodâ€“landslide disaster forecasting. Hydrology and Earth System Sciences, 2016, 20, 5035-5048.	1.9	47
54	New Multisite Cascading Calibration Approach for Hydrological Models: Case Study in the Red River Basin Using the VIC Model. Journal of Hydrologic Engineering - ASCE, 2016, 21, .	0.8	47

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55	Evaluation and Uncertainty Estimation of NOAA/NSSL Next-Generation National Mosaic Quantitative Precipitation Estimation Product (Q2) over the Continental United States. Journal of Hydrometeorology, 2013, 14, 1308-1322.	0.7	46
56	Development of a coupled hydrological-geotechnical framework for rainfall-induced landslides prediction. Journal of Hydrology, 2016, 543, 395-405.	2.3	46
57	Automated Detection of the Bright Band Using WSR-88D Data. Weather and Forecasting, 2003, 18, 585-599.	0.5	45
58	Impact of subâ€pixel rainfall variability on spaceborne precipitation estimation: evaluating the TRMM 2A25 product. Quarterly Journal of the Royal Meteorological Society, 2015, 141, 953-966.	1.0	45
59	Impact of the crucial geographic and climatic factors on the input source errors of GPM-based global satellite precipitation estimates. Journal of Hydrology, 2019, 575, 1-16.	2.3	45
60	Data Quality of the Meteo-France C-Band Polarimetric Radar. Journal of Atmospheric and Oceanic Technology, 2006, 23, 1340-1356.	0.5	44
61	Microwave Satellite Data for Hydrologic Modeling in Ungauged Basins. IEEE Geoscience and Remote Sensing Letters, 2012, 9, 663-667.	1.4	44
62	An Exploratory Multisensor Technique for Quantitative Estimation of Stratiform Rainfall. Journal of Hydrometeorology, 2002, 3, 166-180.	0.7	43
63	Estimating a-priori kinematic wave model parameters based on regionalization for flash flood forecasting in the Conterminous United States. Journal of Hydrology, 2016, 541, 421-433.	2.3	41
64	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?. Journal of Hydrometeorology, 2015, 16, 381-395.	0.7	40
65	Quantitative Precipitation Nowcasting: A Lagrangian Pixel-Based Approach. Atmospheric Research, 2012, 118, 418-434.	1.8	38
66	Evolving Multisensor Precipitation Estimation Methods: Their Impacts on Flow Prediction Using a Distributed Hydrologic Model. Journal of Hydrometeorology, 2011, 12, 1414-1431.	0.7	37
67	Evaluation of past, present and future tools for radar-based flash-flood prediction in the USA. Hydrological Sciences Journal, 2014, 59, 1377-1389.	1.2	37
68	Use of radar data for characterizing extreme precipitation at fine scales and short durations. Environmental Research Letters, 2020, 15, 085003.	2.2	37
69	Short-term quantitative precipitation forecasting using an object-based approach. Journal of Hydrology, 2013, 483, 1-15.	2.3	35
70	SNOWFALL DETECTABILITY OF NASA'S CLOUDSAT: THE FIRST CROSS-INVESTIGATION OF ITS 2C-SNOW-PROFILE PRODUCT AND NATIONAL MULTI-SENSOR MOSAIC QPE (NMQ) SNOWFALL DATA. Progress in Electromagnetics Research, 2014, 148, 55-61.	1.6	35
71	Multi-Sensor Imaging and Space-Ground Cross-Validation for 2010 Flood along Indus River, Pakistan. Remote Sensing, 2014, 6, 2393-2407.	1.8	35
72	Improving Flash Flood Forecasts: The HMT-WPC Flash Flood and Intense Rainfall Experiment. Bulletin of the American Meteorological Society, 2015, 96, 1859-1866.	1.7	35

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73	Unusually High Differential Attenuation at C Band: Results from a Two-Year Analysis of the French Trappes Polarimetric Radar Data. Journal of Applied Meteorology and Climatology, 2009, 48, 2037-2053.	0.6	34
74	The Influence of Surface and Precipitation Characteristics on TRMM Microwave Imager Rainfall Retrieval Uncertainty. Journal of Hydrometeorology, 2015, 16, 1596-1614.	0.7	34
75	Understanding Overland Multisensor Satellite Precipitation Error in TMPA-RT Products. Journal of Hydrometeorology, 2017, 18, 285-306.	0.7	34
76	Analyzing projected changes and trends of temperature and precipitation in the southern USA from 16 downscaled global climate models. Theoretical and Applied Climatology, 2012, 109, 345-360.	1.3	33
77	Cross-Examination of Similarity, Difference and Deficiency of Gauge, Radar and Satellite Precipitation Measuring Uncertainties for Extreme Events Using Conventional Metrics and Multiplicative Triple Collocation. Remote Sensing, 2020, 12, 1258.	1.8	33
78	Remote collection and analysis of witness reports on flash floods. Journal of Hydrology, 2010, 394, 53-62.	2.3	31
79	Impacts of Polarimetric Radar Observations on Hydrologic Simulation. Journal of Hydrometeorology, 2010, 11, 781-796.	0.7	29
80	Spatialâ€“Temporal Changes of Water Resources in a Typical Semiarid Basin of North China over the Past 50 Years and Assessment of Possible Natural and Socioeconomic Causes. Journal of Hydrometeorology, 2013, 14, 1009-1034.	0.7	28
81	Evaluation of Spatial Errors of Precipitation Rates and Types from TRMM Spaceborne Radar over the Southern CONUS. Journal of Hydrometeorology, 2013, 14, 1884-1896.	0.7	28
82	Effects of Radar Beam Shielding on Rainfall Estimation for the Polarimetric C-Band Radar. Journal of Atmospheric and Oceanic Technology, 2007, 24, 1839-1859.	0.5	26
83	Statistical and Physical Analysis of the Vertical Structure of Precipitation in the Mountainous West Region of the United States Using 11+ Years of Spaceborne Observations from TRMM Precipitation Radar. Journal of Applied Meteorology and Climatology, 2013, 52, 408-424.	0.6	26
84	Empirical conversion of the vertical profile of reflectivity from Kuâ€band to Sâ€band frequency. Journal of Geophysical Research D: Atmospheres, 2013, 118, 1814-1825.	1.2	26
85	Near-Field Remote Sensing of Surface Velocity and River Discharge Using Radars and the Probability Concept at 10 U.S. Geological Survey Streamgages. Remote Sensing, 2020, 12, 1296.	1.8	26
86	Toward a User-Centered Design of a Weather Forecasting Decision-Support Tool. Bulletin of the American Meteorological Society, 2017, 98, 373-382.	1.7	25
87	The CI-FLOW Project: A System for Total Water Level Prediction from the Summit to the Sea. Bulletin of the American Meteorological Society, 2011, 92, 1427-1442.	1.7	24
88	Assimilation of Passive Microwave Streamflow Signals for Improving Flood Forecasting: A First Study in Cubango River Basin, Africa. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 2375-2390.	2.3	24
89	Coverage of China New Generation Weather Radar Network. Advances in Meteorology, 2019, 2019, 1-10.	0.6	23
90	Can Remote Sensing Technologies Capture the Extreme Precipitation Event and Its Cascading Hydrological Response? A Case Study of Hurricane Harvey Using EF5 Modeling Framework. Remote Sensing, 2020, 12, 445.	1.8	23

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91	Investigating the relationship between eye movements and situation awareness in weather forecasting. Applied Ergonomics, 2020, 85, 103071.	1.7	23
92	The Ensemble Framework For Flash Flood Forecasting (EF5) v1.2: description and case study. Geoscientific Model Development, 2020, 13, 4943-4958.	1.3	23
93	Incorporating NASA Spaceborne Radar Data into NOAA National Mosaic QPE System for Improved Precipitation Measurement: A Physically Based VPR Identification and Enhancement Method. Journal of Hydrometeorology, 2013, 14, 1293-1307.	0.7	22
94	Multifrequency Radar Observations Collected in Southern France during HyMeX-SOP1. Bulletin of the American Meteorological Society, 2015, 96, 267-282.	1.7	22
95	Operational hydrological forecasting during the IPHEx-IOP campaign â€“ Meet the challenge. Journal of Hydrology, 2016, 541, 434-456.	2.3	22
96	Two-decades of GPM IMERG early and final run products intercomparison: Similarity and difference in climatology, rates, and extremes. Journal of Hydrology, 2021, 594, 125975.	2.3	22
97	CREST-iMAP v1.0: A fully coupled hydrologic-hydraulic modeling framework dedicated to flood inundation mapping and prediction. Environmental Modelling and Software, 2021, 141, 105051.	1.9	22
98	Evaluation of Incremental Improvements to Quantitative Precipitation Estimates in Complex Terrain. Journal of Hydrometeorology, 2009, 10, 1507-1520.	0.7	21
99	Cross Validation of Spaceborne Radar and Ground Polarimetric Radar Aided by Polarimetric Echo Classification of Hydrometeor Types. Journal of Applied Meteorology and Climatology, 2011, 50, 1389-1402.	0.6	21
100	Empirical Estimation of Attenuation from Differential Propagation Phase Measurements at C Band. Journal of Applied Meteorology and Climatology, 2007, 46, 306-317.	0.6	20
101	Uncertainties in WSR-88D Measurements and Their Impacts on Monitoring Life Cycles. Weather and Forecasting, 1997, 12, 166-174.	0.5	19
102	Hydrological Modeling and Capacity Building in the Republic of Namibia. Bulletin of the American Meteorological Society, 2017, 98, 1697-1715.	1.7	19
103	A novel multiple flow direction algorithm for computing the topographic wetness index. Hydrology Research, 2012, 43, 135-145.	1.1	18
104	Real-time bias adjustment for satellite-based precipitation estimates over Mainland China. Journal of Hydrology, 2021, 596, 126133.	2.3	18
105	Echo Height Measurements with the WSR-88D: Use of Data from One Versus Two Radars. Weather and Forecasting, 1999, 14, 455-460.	0.5	17
106	The HMT Multi-Radar Multi-Sensor Hydro Experiment. Bulletin of the American Meteorological Society, 2017, 98, 347-359.	1.7	17
107	The conterminous United States are projected to become more prone to flash floods in a high-end emissions scenario. Communications Earth & Environment, 2022, 3, .	2.6	17
108	Flash Flood. Encyclopedia of Earth Sciences Series, 2013, , 324-325.	0.1	16

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109	Monitoring the super typhoon lekima by GPM-based near-real-time satellite precipitation estimates. Journal of Hydrology, 2021, 603, 126968.	2.3	16
110	Incorporating Surface Soil Moisture Information in Error Modeling of TRMM Passive Microwave Rainfall. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 6226-6240.	2.7	15
111	Using Citizen Science Reports to Evaluate Estimates of Surface Precipitation Type. Bulletin of the American Meteorological Society, 2016, 97, 187-193.	1.7	15
112	Evaluation of a Method to Enhance Real-Time, Ground Radarâ€“Based Rainfall Estimates Using Climatological Profiles of Reflectivity from Space. Journal of Hydrometeorology, 2016, 17, 761-775.	0.7	14
113	On the Propagation of Satellite Precipitation Estimation Errors: From Passive Microwave to Infrared Estimates. Journal of Hydrometeorology, 2020, 21, 1367-1381.	0.7	14
114	Diagnosing Moisture Sources for Flash Floods in the United States. Part II: Terrestrial and Oceanic Sources of Moisture. Journal of Hydrometeorology, 2019, 20, 1511-1531.	0.7	13
115	Utility of satellite-derived burn severity to study short- and long-term effects of wildfire on streamflow at the basin scale. Journal of Hydrology, 2020, 580, 124244.	2.3	13
116	Toward a Polarimetric Radar Classification Scheme for Coalescence-Dominant Precipitation: Application to Complex Terrain. Journal of Hydrometeorology, 2017, 18, 3199-3215.	0.7	12
117	Evaluation of Operational and Experimental Precipitation Algorithms and Microphysical Insights during IPHEx. Journal of Hydrometeorology, 2018, 19, 113-125.	0.7	12
118	The Coupling of NSSL Warn-on-Forecast and FLASH Systems for Probabilistic Flash Flood Prediction. Journal of Hydrometeorology, 2020, 21, 123-141.	0.7	12
119	Evaluation of MRMS Snowfall Products over the Western United States. Journal of Hydrometeorology, 2017, 18, 1707-1713.	0.7	10
120	Evaluation of IMERG satellite precipitation over the land-coast-ocean continuum â€“ Part I: Detection. Journal of Hydrometeorology, 2021, , .	0.7	10
121	A Climatology of Nocturnal Warming Events Associated with Cold-Frontal Passages in Oklahoma. Journal of Applied Meteorology and Climatology, 2011, 50, 2042-2061.	0.6	9
122	On the Impact of Rainfall Spatial Variability, Geomorphology, and Climatology on Flash Floods. Water Resources Research, 2021, 57, e2020WR029124.	1.7	9
123	Enhancing Quantitative Precipitation Estimation Over the Continental United States Using a Ground-Space Multi-Sensor Integration Approach. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 1305-1309.	1.4	8
124	Multisourced Flood Inventories over the Contiguous United States for Actual and Natural Conditions. Bulletin of the American Meteorological Society, 2021, 102, E1133-E1149.	1.7	8
125	NaÃ¯ve Bayesian Precipitation Type Retrieval from Satellite Using a Cloud-Top and Ground-Radar Matched Climatology. Journal of Hydrometeorology, 2016, 17, 2649-2665.	0.7	7
126	The impacts of climatological adjustment of quantitative precipitation estimates on the accuracy of flash flood detection. Journal of Hydrology, 2016, 541, 387-400.	2.3	7

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127	A multi-source 120-year US flood database with a unified common format and public access. Earth System Science Data, 2021, 13, 3755-3766.	3.7	7
128	Uncertainty in remote sensing of streams using noncontact radars. Journal of Hydrology, 2021, 603, 126809.	2.3	6
129	A flood predictability study for Hurricane Harvey with the CREST-iMAP model using high-resolution quantitative precipitation forecasts and U-Net deep learning precipitation nowcasts. Journal of Hydrology, 2022, 612, 128168.	2.3	6
130	Diagnosing Moisture Sources for Flash Floods in the United States. Part I: Kinematic Trajectories. Journal of Hydrometeorology, 2019, 20, 1495-1509.	0.7	5
131	On the use of machine learning to account for reservoir management rules and predict streamflow. Neural Computing and Applications, 2022, 34, 18917-18931.	3.2	5
132	Impact of Missing Passive Microwave Sensors on Multi-Satellite Precipitation Retrieval Algorithm. Remote Sensing, 2015, 7, 668-683.	1.8	4
133	Effects of display design on signal detection in flash flood forecasting. International Journal of Human Computer Studies, 2017, 99, 48-56.	3.7	4
134	Comments on â€œFlash Flood Verification: Pondering Precipitation Proxiesâ€• Journal of Hydrometeorology, 2021, 22, 739-747.	0.7	4
135	An Overview of the Performance and Operational Applications of the MRMS and FLASH Systems in Recent Significant Urban Flash Flood Events. Bulletin of the American Meteorological Society, 2021, 102, E2165-E2176.	1.7	4
136	Spatiotemporal Characteristics of US Floods: Current Status and Forecast Under a Future Warmer Climate. Earth's Future, 2022, 10, .	2.4	4
137	Flood Hazard and Disaster. Encyclopedia of Earth Sciences Series, 2013, , 326-336.	0.1	3
138	Classifying precipitation from <scp>GEO</scp> satellite observations: Prognostic model. Quarterly Journal of the Royal Meteorological Society, 2021, 147, 3394-3409.	1.0	3
139	The 23 June 2016 West Virginia Flash Flood Event as Observed through Two Hydrometeorology Testbed Experiments. Weather and Forecasting, 2020, 35, 2099-2126.	0.5	3
140	A Novel Real-Time Error Adjustment Method With Considering Four Factors for Correcting Hourly Multi-Satellite Precipitation Estimates. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	2.7	2
141	Can re-infiltration process be ignored for flood inundation mapping and prediction during extreme storms? A case study in Texas Gulf Coast region. Environmental Modelling and Software, 2022, 155, 105450.	1.9	2
142	Spatial and Diurnal Variability of Monsoon Systems Assessed by TRMM Rain Rate Over Indus Basin. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 4325-4335.	2.3	1
143	Predicting the Floods that Follow the Flames. Bulletin of the American Meteorological Society, 2020, 101, E1101-E1106.	1.7	1
144	In Pursuit of Flash Flood Data. Eos, 2017, 98, .	0.1	1

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145	Wildfire burn scar encapsulation. Optimization Letters, 2022, 16, 789-819.	0.9	1
146	Incorporating NASA space-borne precipitation research products into National Mosaic QPE operational system for improved precipitation measurements. , 2011, , .		0
147	Evaluation of Data Display Methods in a Flash Flood Prediction Tool. Lecture Notes in Computer Science, 2015, , 15-22.	1.0	0
148	Rainfall Rate, Use in the Hydrological Sciences. , 2015, , 1-9.		0
149	Cloud-Based Cyber-Infrastructure for Disaster Monitoring and Mitigation. , 2016, , 363-379.		0
150	Statistical and Hydrologic Evaluation of TRMM Based Multisatellite Precipitation Analysis over the Wangchu Basin of Bhutan. , 2016, , 103-125.		0
151	Rainfall Rate, Use in the Hydrological Sciences. , 2017, , 1733-1741.		0