

# Gabriele Villarini

## List of Publications by Year in Descending Order

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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.

218  
papers

10,448  
citations

57  
h-index

95  
g-index

245  
ext. papers

12,228  
ext. citations

5.4  
avg, IF

6.98  
L-index

#	Paper	IF	Citations
218	Evaluation of the capability of regional climate models in reproducing the temporal clustering in heavy precipitation over Europe. <i>Atmospheric Research</i> , <b>2022</b> , 269, 106027	5.4	
217	Towards advancing scientific knowledge of climate change impacts on short-duration rainfall extremes. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2021</b> , 379, 20190542	3	22
216	Tropical cyclone precipitation in the HighResMIP atmosphere-only experiments of the PRIMAVERA Project. <i>Climate Dynamics</i> , <b>2021</b> , 57, 253-273	4.2	10
215	Global Changes in 20-Year, 50-Year, and 100-Year River Floods. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2020GL091824	4.9	15
214	Incorporating climate change in flood estimation guidance. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2021</b> , 379, 20190548	3	17
213	Projected changes in monthly baseflow across the U.S. Midwest. <i>International Journal of Climatology</i> , <b>2021</b> , 41, 5536	3.5	0
212	Evaluation of the Drivers Responsible for Flooding in Africa. <i>Water Resources Research</i> , <b>2021</b> , 57, e2021WR029595	3.1	5
211	Climate More Important for Chinese Flood Changes Than Reservoirs and Land Use. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2021GL093061	4.9	2
210	Evaluation of the capability of global climate models in reproducing the temporal clustering in heavy precipitation over Europe. <i>International Journal of Climatology</i> , <b>2021</b> , 41, 131-145	3.5	3
209	Examining the precipitation associated with medicanes in the high-resolution ERA-5 reanalysis data. <i>International Journal of Climatology</i> , <b>2021</b> , 41, E126	3.5	11
208	On the statistical attribution of changes in monthly baseflow across the U.S. Midwest. <i>Journal of Hydrology</i> , <b>2021</b> , 592, 125551	6	3
207	On the use of convolutional Gaussian processes to improve the seasonal forecasting of precipitation and temperature. <i>Journal of Hydrology</i> , <b>2021</b> , 593, 125862	6	3
206	Anthropogenic intensification of short-duration rainfall extremes. <i>Nature Reviews Earth &amp; Environment</i> , <b>2021</b> , 2, 107-122	30.2	83
205	Greenhouse gases drove the increasing trends in spring precipitation across the central USA. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2021</b> , 379, 20190553	3	4
204	Changes in Atlantic major hurricane frequency since the late-19th century. <i>Nature Communications</i> , <b>2021</b> , 12, 4054	17.4	9
203	Development of statistical models for estimating daily nitrate load in Iowa. <i>Science of the Total Environment</i> , <b>2021</b> , 782, 146643	10.2	1
202	The Pacific Decadal Oscillation Modulates Tropical Cyclone Days on the Interannual Timescale in the North Pacific Ocean. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2021</b> , 126, e2021JD034988	4.4	1

201	Projected changes in flooding: a continental U.S. perspective. <i>Annals of the New York Academy of Sciences</i> , <b>2020</b> , 1472, 95-103	6.5	4
200	Fidelity of global climate models in representing the horizontal water vapour transport. <i>International Journal of Climatology</i> , <b>2020</b> , 40, 5714-5726	3.5	0
199	Responses and impacts of atmospheric rivers to climate change. <i>Nature Reviews Earth &amp; Environment</i> , <b>2020</b> , 1, 143-157	30.2	82
198	Modeling the seasonality of extreme coastal water levels with mixtures of circular probability density functions. <i>Theoretical and Applied Climatology</i> , <b>2020</b> , 140, 1199-1206	3	2
197	Riverine Flooding and Landfalling Tropical Cyclones Over China. <i>Earth's Future</i> , <b>2020</b> , 8, no	7.9	5
196	Analyses Through the Metastatistical Extreme Value Distribution Identify Contributions of Tropical Cyclones to Rainfall Extremes in the Eastern United States. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL087238	4.9	13
195	Observed changes in flood hazard in Africa. <i>Environmental Research Letters</i> , <b>2020</b> , 15, 1040b5	6.2	13
194	Attribution of the impacts of the 2008 flooding in Cedar Rapids (Iowa) to anthropogenic forcing. <i>Environmental Research Letters</i> , <b>2020</b> , 15, 114057	6.2	6
193	Early prediction of the Indian summer monsoon rainfall by the Atlantic Meridional Mode. <i>Climate Dynamics</i> , <b>2020</b> , 54, 2337-2346	4.2	11
192	On the role of the Atlantic ocean in exacerbating Indian heat waves. <i>Climate Dynamics</i> , <b>2020</b> , 54, 1887-1896	4.6	1
191	Metastatistical Extreme Value Distribution applied to floods across the continental United States. <i>Advances in Water Resources</i> , <b>2020</b> , 136, 103498	4.7	16
190	Reduced extremes of sub-daily temperature swings during the boreal summer in the Northern Hemisphere. <i>International Journal of Climatology</i> , <b>2020</b> , 40, 1306-1315	3.5	
189	Statistically-based projected changes in the frequency of flood events across the U.S. Midwest. <i>Journal of Hydrology</i> , <b>2020</b> , 584, 124314	6	12
188	Northward Propagation of the Intertropical Convergence Zone and Strengthening of Indian Summer Monsoon Rainfall. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL089823	4.9	7
187	The East Asian Subtropical Jet Stream and Atlantic Tropical Cyclones. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL088851	4.9	1
186	Bayesian Hierarchical Models for the Frequency of Winter Heavy Precipitation Events Over the Central United States: The Role of Atmospheric Rivers. <i>Water Resources Research</i> , <b>2020</b> , 56, e2020WR028256	5.4	0
185	Deadly Compound Heat Stress-Flooding Hazard Across the Central United States. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL089185	4.9	14
184	Intraseasonal predictability of the duration of flooding above National Weather Service flood warning levels across the U.S. Midwest. <i>Hydrological Processes</i> , <b>2020</b> , 34, 4505-4511	3.3	2

183	On the role of increased CO2 concentrations in enhancing the temporal clustering of heavy precipitation events across Europe. <i>Climatic Change</i> , <b>2020</b> , 162, 1455-1472	4.5	1
182	On the role of the Atlantic Ocean in forcing tropic cyclones in the Arabian Sea. <i>Atmospheric Research</i> , <b>2019</b> , 220, 120-124	5.4	4
181	Seasonal forecasting of western North Pacific tropical cyclone frequency using the North American multi-model ensemble. <i>Climate Dynamics</i> , <b>2019</b> , 52, 5985-5997	4.2	8
180	Examining the capability of reanalyses in capturing the temporal clustering of heavy precipitation across Europe. <i>Climate Dynamics</i> , <b>2019</b> , 53, 1845-1857	4.2	10
179	Rainfall from tropical cyclones: high-resolution simulations and seasonal forecasts. <i>Climate Dynamics</i> , <b>2019</b> , 52, 5269-5289	4.2	18
178	On the weather types that shape the precipitation patterns across the U.S. Midwest. <i>Climate Dynamics</i> , <b>2019</b> , 53, 4217-4232	4.2	15
177	On the statistical attribution of the frequency of flood events across the U.S. Midwest. <i>Advances in Water Resources</i> , <b>2019</b> , 127, 225-236	4.7	21
176	Contrasting the responses of extreme precipitation to changes in surface air and dew point temperatures. <i>Climatic Change</i> , <b>2019</b> , 154, 257-271	4.5	28
175	Projected changes in extreme precipitation at sub-daily and daily time scales. <i>Global and Planetary Change</i> , <b>2019</b> , 182, 103004	4.2	12
174	Tropical cyclone sensitivities to CO2 doubling: roles of atmospheric resolution, synoptic variability and background climate changes. <i>Climate Dynamics</i> , <b>2019</b> , 53, 5999-6033	4.2	72
173	Seasonal predictability of high sea level frequency using ENSO patterns along the U.S. West Coast. <i>Advances in Water Resources</i> , <b>2019</b> , 131, 103377	4.7	5
172	Potential Impacts of Anthropogenic Forcing on the Frequency of Tropical Depressions in the North Indian Ocean in 2018. <i>Journal of Marine Science and Engineering</i> , <b>2019</b> , 7, 436	2.4	1
171	Changes in monthly baseflow across the U.S. Midwest. <i>Hydrological Processes</i> , <b>2019</b> , 33, 748-758	3.3	11
170	Accounting for Mixed Populations in Flood Frequency Analysis: Bulletin 17C Perspective. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2019</b> , 24, 04019002	1.8	20
169	On the decadal predictability of the frequency of flood events across the U.S. Midwest. <i>International Journal of Climatology</i> , <b>2019</b> , 39, 1796-1804	3.5	6
168	A dynamical statistical framework for seasonal streamflow forecasting in an agricultural watershed. <i>Climate Dynamics</i> , <b>2019</b> , 53, 7429-7445	4.2	14
167	Impacts of the Pacific meridional mode on rainfall over the maritime continent and australia: potential for seasonal predictions. <i>Climate Dynamics</i> , <b>2019</b> , 53, 7185-7199	4.2	5
166	Effects of methodological decisions on rainfall-related crash relative risk estimates. <i>Accident Analysis and Prevention</i> , <b>2019</b> , 130, 22-29	6.1	7

165	Multi-model ensemble forecasting of North Atlantic tropical cyclone activity. <i>Climate Dynamics</i> , <b>2019</b> , 53, 7461-7477	4.2	14
164	Evaluation of the skill of North-American Multi-Model Ensemble (NMME) Global Climate Models in predicting average and extreme precipitation and temperature over the continental USA. <i>Climate Dynamics</i> , <b>2019</b> , 53, 7381-7396	4.2	30
163	On the inherent predictability of precipitation across the United States. <i>Theoretical and Applied Climatology</i> , <b>2018</b> , 133, 1035-1050	3	1
162	Uncovering the role of the East Asian jet stream and heterogeneities in atmospheric rivers affecting the western United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 891-896	11.5	26
161	Dominant Role of Atlantic Multidecadal Oscillation in the Recent Decadal Changes in Western North Pacific Tropical Cyclone Activity. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 354-362	4.9	45
160	Examination of Changes in Annual Maximum Gauge Height in the Continental United States Using Quantile Regression. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2018</b> , 23, 06017010	1.8	7
159	The added value of IMERG in characterizing rainfall in tropical cyclones. <i>Atmospheric Research</i> , <b>2018</b> , 209, 95-102	5.4	33
158	Long term changes in flooding and heavy rainfall associated with North Atlantic tropical cyclones: Roles of the North Atlantic Oscillation and El Niño-Southern Oscillation. <i>Journal of Hydrology</i> , <b>2018</b> , 559, 698-710	6	32
157	Remote sensing-based characterization of rainfall during atmospheric rivers over the central United States. <i>Journal of Hydrology</i> , <b>2018</b> , 556, 1038-1049	6	10
156	Verification of the skill of numerical weather prediction models in forecasting rainfall from U.S. landfalling tropical cyclones. <i>Journal of Hydrology</i> , <b>2018</b> , 556, 1026-1037	6	25
155	Impacts of the Pacific Meridional Mode on Landfalling North Atlantic tropical cyclones. <i>Climate Dynamics</i> , <b>2018</b> , 50, 991-1006	4.2	6
154	Characterization of the diurnal cycle of maximum rainfall in tropical cyclones. <i>Journal of Hydrology</i> , <b>2018</b> , 564, 997-1007	6	6
153	Enhancing the Predictability of Seasonal Streamflow With a Statistical-Dynamical Approach. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 6504-6513	4.9	30
152	Contribution of eastern North Pacific tropical cyclones and their remnants on flooding in the western United States. <i>International Journal of Climatology</i> , <b>2018</b> , 38, 5441-5446	3.5	7
151	Urbanization exacerbated the rainfall and flooding caused by hurricane Harvey in Houston. <i>Nature</i> , <b>2018</b> , 563, 384-388	50.4	212
150	Uncertainties in projected runoff over the conterminous United States. <i>Climatic Change</i> , <b>2018</b> , 150, 149-162	4.2	27
149	Housing Market Fluctuations and the Implicit Price of Water Quality: Empirical Evidence from a South Florida Housing Market. <i>Environmental and Resource Economics</i> , <b>2017</b> , 68, 319-341	4.4	14
148	Attribution of annual maximum sea levels to tropical cyclones at the global scale. <i>International Journal of Climatology</i> , <b>2017</b> , 37, 540-547	3.5	5

147	Assessing Current and Future Freshwater Flood Risk from North Atlantic Tropical Cyclones via Insurance Claims. <i>Scientific Reports</i> , <b>2017</b> , 7, 41609	4.9	30
146	El Niño Southern Oscillation like variability in a late Miocene Caribbean coral. <i>Geology</i> , <b>2017</b> , 45, 643-646	5	2
145	On the unseasonal flooding over the Central United States during December 2015 and January 2016. <i>Atmospheric Research</i> , <b>2017</b> , 196, 23-28	5.4	5
144	Impacts of the Pacific Meridional Mode on June-August precipitation in the Amazon River Basin. <i>Quarterly Journal of the Royal Meteorological Society</i> , <b>2017</b> , 143, 1936-1945	6.4	17
143	Decadal temperature predictions over the continental United States: Analysis and Enhancement. <i>Climate Dynamics</i> , <b>2017</b> , 49, 3587-3604	4.2	6
142	Contribution of Tropical Cyclones to Rainfall at the Global Scale. <i>Journal of Climate</i> , <b>2017</b> , 30, 359-372	4.4	97
141	On the impact of gaps on trend detection in extreme streamflow time series. <i>International Journal of Climatology</i> , <b>2017</b> , 37, 3976-3983	3.5	13
140	A long-term perspective of the hydroclimatological impacts of atmospheric rivers over the central United States. <i>Water Resources Research</i> , <b>2017</b> , 53, 1144-1166	5.4	38
139	Mixed populations and annual flood frequency estimates in the western United States: The role of atmospheric rivers. <i>Water Resources Research</i> , <b>2017</b> , 53, 257-269	5.4	69
138	Statistical-Dynamical Seasonal Forecast of Western North Pacific and East Asia Landfalling Tropical Cyclones using the GFDL FLOR Coupled Climate Model. <i>Journal of Climate</i> , <b>2017</b> , 30, 2209-2232	4.4	36
137	Heavy precipitation is highly sensitive to the magnitude of future warming. <i>Climatic Change</i> , <b>2017</b> , 145, 249-257	4.5	27
136	Evaluating the Drivers of Seasonal Streamflow in the U.S. Midwest. <i>Water (Switzerland)</i> , <b>2017</b> , 9, 695	3	24
135	On the impacts of computing daily temperatures as the average of the daily minimum and maximum temperatures. <i>Atmospheric Research</i> , <b>2017</b> , 198, 145-150	5.4	8
134	On the use of Cox regression to examine the temporal clustering of flooding and heavy precipitation across the central United States. <i>Global and Planetary Change</i> , <b>2017</b> , 155, 98-108	4.2	13
133	Weighting of NMME temperature and precipitation forecasts across Europe. <i>Journal of Hydrology</i> , <b>2017</b> , 552, 646-659	6	20
132	High resolution decadal precipitation predictions over the continental United States for impacts assessment. <i>Journal of Hydrology</i> , <b>2017</b> , 553, 559-573	6	11
131	Stronger influences of increased CO2 on subdaily precipitation extremes than at the daily scale. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 7464-7471	4.9	16
130	Improved ENSO Forecasting Using Bayesian Updating and the North American Multimodel Ensemble (NMME). <i>Journal of Climate</i> , <b>2017</b> , 30, 9007-9025	4.4	14

129	Effects of Rainfall on Vehicle Crashes in Six U.S. States. <i>Weather, Climate, and Society</i> , <b>2017</b> , 9, 53-70	2.3	19
128	Analysis of changes in the magnitude, frequency, and seasonality of heavy precipitation over the contiguous USA. <i>Theoretical and Applied Climatology</i> , <b>2017</b> , 130, 345-363	3	49
127	An investigation of predictability dynamics of temperature and precipitation in reanalysis datasets over the continental United States. <i>Atmospheric Research</i> , <b>2017</b> , 183, 341-350	5.4	12
126	Modulation of western North Pacific tropical cyclone activity by the Atlantic Meridional Mode. <i>Climate Dynamics</i> , <b>2017</b> , 48, 631-647	4.2	35
125	Tropical Cyclone Rainfall Changes in a Warmer Climate <b>2017</b> , 243-255		6
124	A simulation study to examine the sensitivity of the Pettitt test to detect abrupt changes in mean. <i>Hydrological Sciences Journal</i> , <b>2016</b> , 61, 245-254	3.5	69
123	Simulated Connections between ENSO and Tropical Cyclones near Guam in a High-Resolution GFDL Coupled Climate Model: Implications for Seasonal Forecasting. <i>Journal of Climate</i> , <b>2016</b> , 29, 8231-8248	4.4	3
122	Assessing the relation of USDA conservation expenditures to suspended sediment reductions in an Iowa watershed. <i>Journal of Environmental Management</i> , <b>2016</b> , 180, 375-83	7.9	1
121	Recent trends in U.S. flood risk. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 12,428	4.9	80
120	Expansion and Contraction of the Indo-Pacific Tropical Rain Belt over the Last Three Millennia. <i>Scientific Reports</i> , <b>2016</b> , 6, 34485	4.9	44
119	Influences of Natural Variability and Anthropogenic Forcing on the Extreme 2015 Accumulated Cyclone Energy in the Western North Pacific. <i>Bulletin of the American Meteorological Society</i> , <b>2016</b> , 97, S131-S135	6.1	22
118	Atmospheric Rivers and Rainfall during NASA's Iowa Flood Studies (IFloodS) Campaign*. <i>Journal of Hydrometeorology</i> , <b>2016</b> , 17, 257-271	3.7	20
117	Evaluation of the capability of the Lombard test in detecting abrupt changes in variance. <i>Journal of Hydrology</i> , <b>2016</b> , 534, 451-465	6	8
116	Improved Simulation of Tropical Cyclone Responses to ENSO in the Western North Pacific in the High-Resolution GFDL HiFLOR Coupled Climate Model*. <i>Journal of Climate</i> , <b>2016</b> , 29, 1391-1415	4.4	56
115	On the seasonality of flooding across the continental United States. <i>Advances in Water Resources</i> , <b>2016</b> , 87, 80-91	4.7	107
114	The Pacific Meridional Mode and the Occurrence of Tropical Cyclones in the Western North Pacific. <i>Journal of Climate</i> , <b>2016</b> , 29, 381-398	4.4	85
113	Soybean Area and Baseflow Driving Nitrate in Iowa's Raccoon River. <i>Journal of Environmental Quality</i> , <b>2016</b> , 45, 1949-1959	3.4	11
112	Contribution of tropical cyclones to extreme rainfall in Australia. <i>International Journal of Climatology</i> , <b>2016</b> , 36, 1019-1025	3.5	37

111	Statistical-Dynamical Seasonal Forecast of North Atlantic and U.S. Landfalling Tropical Cyclones Using the High-Resolution GFDL FLOR Coupled Model. <i>Monthly Weather Review</i> , <b>2016</b> , 144, 2101-2123	2.4	46
110	Investigating the relationship between the frequency of flooding over the central United States and large-scale climate. <i>Advances in Water Resources</i> , <b>2016</b> , 92, 159-171	4.7	66
109	Statistical-dynamical seasonal forecast of western North Pacific and East Asia landfalling tropical cyclones using the high-resolution GFDL FLOR coupled model. <i>Journal of Advances in Modeling Earth Systems</i> , <b>2016</b> , 8, 538-565	7.1	17
108	Seasonal Forecasts of Major Hurricanes and Landfalling Tropical Cyclones using a High-Resolution GFDL Coupled Climate Model. <i>Journal of Climate</i> , <b>2016</b> , 29, 7977-7989	4.4	53
107	On the relationship between atmospheric rivers and high sea water levels along the U.S. West Coast. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 8815-8822	4.9	23
106	Extreme rainfall activity in the Australian tropics reflects changes in the El Niño/Southern Oscillation over the last two millennia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 4576-81	11.5	59
105	Joint projections of US East Coast sea level and storm surge. <i>Nature Climate Change</i> , <b>2015</b> , 5, 1114-1120	21.4	81
104	Reply to Nott: Assessing biases in speleothem records of flood events. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E4637	11.5	
103	Global Projections of Intense Tropical Cyclone Activity for the Late Twenty-First Century from Dynamical Downscaling of CMIP5/RCP4.5 Scenarios. <i>Journal of Climate</i> , <b>2015</b> , 28, 7203-7224	4.4	256
102	The relationship between daily European precipitation and measures of atmospheric water vapour transport. <i>International Journal of Climatology</i> , <b>2015</b> , 35, 2187-2192	3.5	8
101	Projected Changes in Discharge in an Agricultural Watershed in Iowa. <i>Journal of the American Water Resources Association</i> , <b>2015</b> , 51, 1361-1371	2.1	16
100	Lagrangian Analyses of Rainfall Structure and Evolution for Organized Thunderstorm Systems in the Urban Corridor of the Northeastern United States. <i>Journal of Hydrometeorology</i> , <b>2015</b> , 16, 1575-1593	3.7	16
99	Flood response for the watersheds of the Fernow Experimental Forest in the central Appalachians. <i>Water Resources Research</i> , <b>2015</b> , 51, 4431-4453	5.4	4
98	Evaluation of global impact models' ability to reproduce runoff characteristics over the central United States. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2015</b> , 120, 9138-9159	4.4	9
97	Hurricanes and Climate: The U.S. CLIVAR Working Group on Hurricanes. <i>Bulletin of the American Meteorological Society</i> , <b>2015</b> , 96, 997-1017	6.1	127
96	Hurricanes and Climate: The U.S. CLIVAR Working Group on Hurricanes. <i>Bulletin of the American Meteorological Society</i> , <b>2015</b> , 96, 1440	6.1	2
95	Projected Changes in Intense Precipitation over Europe at the Daily and Subdaily Time Scales*. <i>Journal of Climate</i> , <b>2015</b> , 28, 6193-6203	4.4	26
94	The changing nature of flooding across the central United States. <i>Nature Climate Change</i> , <b>2015</b> , 5, 250-254	1.4	279



93	The contribution of atmospheric rivers to precipitation in Europe and the United States. <i>Journal of Hydrology</i> , <b>2015</b> , 522, 382-390	6	119
92	Atmosphere. Next season's hurricanes. <i>Science</i> , <b>2014</b> , 343, 618-9	33.3	27
91	Roles of climate and agricultural practices in discharge changes in an agricultural watershed in Iowa. <i>Agriculture, Ecosystems and Environment</i> , <b>2014</b> , 188, 204-211	5.7	41
90	On the Seasonal Forecasting of Regional Tropical Cyclone Activity. <i>Journal of Climate</i> , <b>2014</b> , 27, 7994-8016	16.4	285
89	Long-Term High-Resolution Radar Rainfall Fields for Urban Hydrology. <i>Journal of the American Water Resources Association</i> , <b>2014</b> , 50, 713-734	2.1	31
88	On the skill of numerical weather prediction models to forecast atmospheric rivers over the central United States. <i>Geophysical Research Letters</i> , <b>2014</b> , 41, 4354-4362	4.9	47
87	Benthic control upon the morphology of transported fine sediments in a low-gradient stream. <i>Hydrological Processes</i> , <b>2014</b> , 28, 3776-3788	3.3	13
86	Development of a High-Resolution Gridded Daily Meteorological Dataset over Sub-Saharan Africa: Spatial Analysis of Trends in Climate Extremes. <i>Journal of Climate</i> , <b>2014</b> , 27, 5815-5835	4.4	57
85	Intense Precipitation Events Associated with Landfalling Tropical Cyclones in Response to a Warmer Climate and Increased CO <sub>2</sub> . <i>Journal of Climate</i> , <b>2014</b> , 27, 4642-4654	4.4	67
84	Sensitivity of Tropical Cyclone Rainfall to Idealized Global-Scale Forcings*. <i>Journal of Climate</i> , <b>2014</b> , 27, 4622-4641	4.4	78
83	Reply to Comments on Multiyear Predictions of North Atlantic Hurricane Frequency: Promise and Limitations. <i>Journal of Climate</i> , <b>2014</b> , 27, 490-492	4.4	2
82	North Atlantic Tropical Cyclones and U.S. Flooding. <i>Bulletin of the American Meteorological Society</i> , <b>2014</b> , 95, 1381-1388	6.1	82
81	Spatial and temporal modeling of radar rainfall uncertainties. <i>Atmospheric Research</i> , <b>2014</b> , 135-136, 91-101	19.1	43
80	An evaluation of the statistical homogeneity of the Twentieth Century Reanalysis. <i>Climate Dynamics</i> , <b>2014</b> , 42, 2841-2866	4.2	41
79	Changes in seasonal maximum daily precipitation in China over the period 1961-2006. <i>International Journal of Climatology</i> , <b>2013</b> , 33, 1646-1657	3.5	43
78	On the temporal clustering of US floods and its relationship to climate teleconnection patterns. <i>International Journal of Climatology</i> , <b>2013</b> , 33, 629-640	3.5	47
77	Atmospheric Rivers and Flooding over the Central United States. <i>Journal of Climate</i> , <b>2013</b> , 26, 7829-7836	11.4	101
76	Spatial and temporal variability of cloud-to-ground lightning over the continental U.S. during the period 1995-2010. <i>Atmospheric Research</i> , <b>2013</b> , 124, 137-148	5.4	20

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