Remko Uijlenhoet

List of Publications by Year
in descending order

158	8,901	38660 50	51492 86
papers	citations	h-index	g-index

233	233	233	8681
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Drought in the Anthropocene. Nature Geoscience, 2016, 9, 89-91.	5.4	537
2	Twenty-three unsolved problems in hydrology (UPH) â€“ a community perspective. Hydrological Sciences Journal, 2019, 64, 1141-1158.	1.2	474
3	The future of Earth observation in hydrology. Hydrology and Earth System Sciences, 2017, 21, 3879-3914.	1.9	313
4	Drought in a human-modified world: reframing drought definitions, understanding, and analysis approaches. Hydrology and Earth System Sciences, 2016, 20, 3631-3650.	1.9	289
5	HyMeX: A 10-Year Multidisciplinary Program on the Mediterranean Water Cycle. Bulletin of the American Meteorological Society, 2014, 95, 1063-1082.	1.7	288
6	Country-wide rainfall maps from cellular communication networks. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2741-2745.	3.3	226
7	A simple energy budget algorithm for the snowmelt runoff model. Water Resources Research, 1994, 30, 1515-1527.	1.7	198
8	Rainfall measurement using radio links from cellular communication networks. Water Resources Research, 2007, 43, .	1.7	194
9	The evolution of process-based hydrologic models: historical challenges and the collective quest for physical realism. Hydrology and Earth System Sciences, 2017, 21, 3427-3440.	1.9	177
10	Crowdsourcing urban air temperatures from smartphone batteryâ€‰temperatures. Geophysical Research Letters, 2013, 40, 4081-4085.	1.5	161
11	How climate seasonality modifies drought duration and deficit. Journal of Geophysical Research D: Atmospheres, 2014, 119, 4640-4656.	1.2	154
12	Measurements and Observations in the XXI century (MOXXI): innovation and multi-disciplinarity to sense the hydrological cycle. Hydrological Sciences Journal, 2018, 63, 169-196.	1.2	151
13	Variability of Raindrop Size Distributions in a Squall Line and Implications for Radar Rainfall Estimation. Journal of Hydrometeorology, 2003, 4, 43-61.	0.7	138
14	Raindrop size distributions and radar reflectivityâ€“rain rate relationships for radar hydrology. Hydrology and Earth System Sciences, 2001, 5, 615-628.	1.9	136
15	Measuring urban rainfall using microwave links from commercial cellular communication networks. Water Resources Research, 2011, 47, .	1.7	133
16	Quantifying catchmentâ€scale mixing and its effect on timeâ€varying travel time distributions. Water Resources Research, 2012, 48, .	1.7	124
17	A Microphysical Interpretation of Radar Reflectivityâ€“Rain Rate Relationships. Journals of the Atmospheric Sciences, 2004, 61, 1114-1131.	0.6	123
18	Distributed Evaluation of Local Sensitivity Analysis (DELSA), with application to hydrologic models. Water Resources Research, 2014, 50, 409-426.	1.7	123

#	Article	IF	Citations
19	The importance of hydraulic groundwater theory in catchment hydrology: The legacy of Wilfried Brutsaert and Jean-Yves Parlange. Water Resources Research, 2013, 49, 5099-5116.	1.7	114
20	Microwave link rainfall estimation: Effects of link length and frequency, temporal sampling, power resolution, and wet antenna attenuation. Advances in Water Resources, 2008, 31, 1481-1493.	1.7	112
21	Evaluation of a bias correction method applied to downscaled precipitation and temperature reanalysis data for the Rhine basin. Hydrology and Earth System Sciences, 2010, 14, 687-703.	1.9	109
22	A consistent rainfall parameterization based on the exponential raindrop size distribution. Journal of Hydrology, 1999, 218, 101-127.	2.3	107
23	Automatic Prediction of High-Resolution Daily Rainfall Fields for Multiple Extents: The Potential of Operational Radar. Journal of Hydrometeorology, 2007, 8, 1204-1224.	0.7	99
24	Changes in Streamflow Dynamics in the Rhine Basin under Three High-Resolution Regional Climate Scenarios. Journal of Climate, 2010, 23, 679-699.	1.2	99
25	Effects of land use changes on streamflow generation in the Rhine basin. Water Resources Research, 2009, 45, .	1.7	98
26	Amplification of wildfire area burnt by hydrological drought in the humid tropics. Nature Climate Change, 2017, 7, 428-431.	8.1	96
27	Satellite and In Situ Observations for Advancing Global Earth Surface Modelling: A Review. Remote Sensing, 2018, 10, 2038.	1.8	95
28	The potential of urban rainfall monitoring with crowdsourced automatic weather stations in Amsterdam. Hydrology and Earth System Sciences, 2017, 21, 765-777.	1.9	84
29	First-Year Evaluation of GPM Rainfall over the Netherlands: IMERG Day 1 Final Run (V03D). Journal of Hydrometeorology, 2016, 17, 2799-2814.	0.7	83
30	State updating of a distributed hydrological model with Ensemble Kalman Filtering: effects of updating frequency and observation network density on forecast accuracy. Hydrology and Earth System Sciences, 2012, 16, 3435-3449.	1.9	81
31	Identification of changes in hydrological drought characteristics from a multi-GCM driven ensemble constrained by observed discharge. Journal of Hydrology, 2014, 512, 421-434.	2.3	81
32	A General Approach to Double-Moment Normalization of Drop Size Distributions. Journal of Applied Meteorology and Climatology, 2004, 43, 264-281.	1.7	78
33	Similarity analysis of subsurface flow response of hillslopes with complex geometry. Water Resources Research, 2005, 41, .	1.7	78
34	Path-averaged rainfall estimation using microwave links: Uncertainty due to spatial rainfall variability. Geophysical Research Letters, 2007, 34, .	1.5	76
35	Retrieval algorithm for rainfall mapping from microwave links in a cellular communication network. Atmospheric Measurement Techniques, 2016, 9, 2425-2444.	1.2	76
36	Two and a half years of country-wide rainfall maps using radio links from commercial cellular telecommunication networks. Water Resources Research, 2016, 52, 8039-8065.	1.7	76

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37	Opportunistic remote sensing of rainfall using microwave links from cellular communication networks. Wiley Interdisciplinary Reviews: Water, 2018, 5, e1289.	2.8	72
38	Climate variability effects on spatial soil moisture dynamics. Geophysical Research Letters, 2007, 34, .	1.5	68
39	The hydrological response of the Ourthe catchment to climate change as modelled by the HBV model. Hydrology and Earth System Sciences, 2010, 14, 651-665.	1.9	67
40	The Microphysical Structure of Extreme Precipitation as Inferred from Ground-Based Raindrop Spectra. Journals of the Atmospheric Sciences, 2003, 60, 1220-1238.	0.6	66
41	Extreme value modeling of areal rainfall from weather radar. Water Resources Research, 2010, 46, .	1.7	66
42	Representation of spatial and temporal variability in large-domain hydrological models: case study for a mesoscale pre-Alpine basin. Hydrology and Earth System Sciences, 2016, 20, 2207-2226.	1.9	64
43	Scaling, similarity, and the fourth paradigm for hydrology. Hydrology and Earth System Sciences, 2017, 21, 3701-3713.	1.9	63
44	Quality Control for Crowdsourced Personal Weather Stations to Enable Operational Rainfall Monitoring. Geophysical Research Letters, 2019, 46, 8820-8829.	1.5	62
45	Estimating spatial mean root-zone soil moisture from point-scale observations. Hydrology and Earth System Sciences, 2006, 10, 755-767.	1.9	61
46	A generic method for hydrological drought identification across different climate regions. Hydrology and Earth System Sciences, 2012, 16, 2437-2451.	1.9	61
47	Impact of plant water uptake strategy on soil moisture and evapotranspiration dynamics during drydown. Geophysical Research Letters, 2006, 33, .	1.5	60
48	The Wageningen Lowland Runoff Simulator (WALRUS): a lumped rainfallâ€“runoff model for catchments with shallow groundwater. Geoscientific Model Development, 2014, 7, 2313-2332.	1.3	60
49	Mapping (dis)agreement in hydrologic projections. Hydrology and Earth System Sciences, 2018, 22, 1775-1791.	1.9	59
50	Global Multimodel Analysis of Drought in Runoff for the Second Half of the Twentieth Century. Journal of Hydrometeorology, 2013, 14, 1535-1552.	0.7	58
51	A steady-state analytical slope stability model for complex hillslopes. Hydrological Processes, 2008, 22, 546-553.	1.1	51
52	Improving Rainfall Measurement in Gauge Poor Regions Thanks to Mobile Telecommunication Networks. Bulletin of the American Meteorological Society, 2016, 97, ES49-ES51.	1.7	51
53	Hydrometeorological application of a microwave link: 2. Precipitation. Water Resources Research, 2007, 43, .	1.7	49
54	Impact of Changes in Groundwater Extractions and Climate Change on Groundwater-Dependent Ecosystems in a Complex Hydrogeological Setting. Water Resources Management, 2018, 32, 259-272.	1.9	48

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55	HESS Opinions: The need for process-based evaluation of large-domain hyper-resolution models. Hydrology and Earth System Sciences, 2016, 20, 1069-1079.	1.9	47
56	Analytical solutions to sampling effects in drop size distribution measurements during stationary rainfall: Estimation of bulk rainfall variables. Journal of Hydrology, 2006, 328, 65-82.	2.3	45
57	Errors and Uncertainties in Microwave Link Rainfall Estimation Explored Using Drop Size Measurements and High-Resolution Radar Data. Journal of Hydrometeorology, 2010, 11, 1330-1344.	0.7	45
58	Measurement and parameterization of rainfall microstructure. Journal of Hydrology, 2006, 328, 1-7.	2.3	44
59	Performance of high-resolution X-band radar for rainfall measurement in The Netherlands. Hydrology and Earth System Sciences, 2010, 14, 205-221.	1.9	44
60	On bimodality in warm season soil moisture observations. Geophysical Research Letters, 2005, 32, .	1.5	43
61	Radar rainfall estimation of stratiform winter precipitation in the Belgian Ardennes. Water Resources Research, 2011, 47, .	1.7	42
62	Investigating storageâ€discharge relations in a lowland catchment using hydrograph fitting, recession analysis, and soil moisture data. Water Resources Research, 2013, 49, 4257-4264.	1.7	42
63	Anatomy of extraordinary rainfall and flash flood in a Dutch lowland catchment. Hydrology and Earth System Sciences, 2011, 15, 1991-2005.	1.9	41
64	Soil moisture storage and hillslope stability. Natural Hazards and Earth System Sciences, 2007, 7, 523-534.	1.5	40
65	Parameter Sensitivity in LSMs: An Analysis Using Stochastic Soil Moisture Models and ELDAS Soil Parameters. Journal of Hydrometeorology, 2009, 10, 751-765.	0.7	40
66	Hydrometeorological application of a microwave link: 1. Evaporation. Water Resources Research, 2007, 43, .	1.7	39
67	Crowdsourcing Urban Air Temperatures through Smartphone Battery Temperatures in SÃ£o Paulo, Brazil. Journal of Atmospheric and Oceanic Technology, 2017, 34, 1853-1866.	0.5	39
68	Precipitation, soil moisture and runoff variability in a small river catchment (ArdÃ¨che, France) during HyMeX Special Observation Period 1. Journal of Hydrology, 2014, 516, 330-342.	2.3	38
69	Seasonal semi-variance of Dutch rainfall at hourly to daily scales. Advances in Water Resources, 2012, 45, 76-85.	1.7	37
70	A measurement campaign to assess sources of error in microwave link rainfall estimation. Atmospheric Measurement Techniques, 2018, 11, 4645-4669.	1.2	37
71	Subjective modeling decisions can significantly impact the simulation of flood and drought events. Journal of Hydrology, 2019, 568, 1093-1104.	2.3	37
72	Microwave links for rainfall estimation in an urban environment: Insights from an experimental setup in Luxembourg-City. Journal of Hydrology, 2012, 464-465, 69-78.	2.3	36

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73	Spatial resolutions in areal rainfall estimation and their impact on hydrological simulations of a lowland catchment. Journal of Hydrology, 2018, 563, 319-335.	2.3	36
74	Comparison between Pludix and impact/optical disdrometers during rainfall measurement campaigns. Atmospheric Research, 2006, 82, 137-163.	1.8	35
75	Stochastic simulation experiment to assess radar rainfall retrieval uncertainties associated with attenuation and its correction. Hydrology and Earth System Sciences, 2008, 12, 587-601.	1.9	35
76	A lowâ€dimensional physically based model of hydrologic control of shallow landsliding on complex hillslopes. Earth Surface Processes and Landforms, 2008, 33, 1964-1976.	1.2	34
77	Climatology of daily rainfall semi-variance in The Netherlands. Hydrology and Earth System Sciences, 2011, 15, 171-183.	1.9	34
78	Operational aspects of asynchronous filtering for flood forecasting. Hydrology and Earth System Sciences, 2015, 19, 2911-2924.	1.9	34
79	Scaling of raindrop size distributions and classification of radar reflectivityâ€“rain rate relations in intense Mediterranean precipitation. Journal of Hydrology, 2011, 402, 179-192.	2.3	33
80	The Wageningen Lowland Runoff Simulator (WALRUS): application to the Hupsel Brook catchment and the Cabauw polder. Hydrology and Earth System Sciences, 2014, 18, 4007-4028.	1.9	33
81	Catchments as simple dynamical systems: A case study on methods and data requirements for parameter identification. Water Resources Research, 2014, 50, 5577-5596.	1.7	33
82	The effect of differences between rainfall measurement techniques on groundwater and discharge simulations in a lowland catchment. Hydrological Processes, 2016, 30, 3885-3900.	1.1	33
83	Spatial and Temporal Evaluation of Radar Rainfall Nowcasting Techniques on 1,533 Events. Water Resources Research, 2020, 56, e2019WR026723.	1.7	33
84	Polarimetric Weather Radar Retrieval of Raindrop Size Distribution by Means of a Regularized Artificial Neural Network. IEEE Transactions on Geoscience and Remote Sensing, 2006, 44, 3262-3275.	2.7	32
85	Hillslope-scale experiment demonstrates the role of convergence during two-step saturation. Hydrology and Earth System Sciences, 2014, 18, 3681-3692.	1.9	31
86	Measurement and interpolation uncertainties in rainfall maps from cellular communication networks. Hydrology and Earth System Sciences, 2015, 19, 3571-3584.	1.9	30
87	Rainfall retrieval with commercial microwave links in SÃ£o Paulo, Brazil. Atmospheric Measurement Techniques, 2018, 11, 4465-4476.	1.2	30
88	Precipitation Measurement at CESAR, the Netherlands. Journal of Hydrometeorology, 2010, 11, 1322-1329.	0.7	29
89	Hydrometeorological Monitoring Using Opportunistic Sensing Networks in the Amsterdam Metropolitan Area. Bulletin of the American Meteorological Society, 2020, 101, E167-E185.	1.7	29
90	A stochastic model of range profiles of raindrop size distributions: Application to radar attenuation correction. Geophysical Research Letters, 2005, 32, .	1.5	28

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91	Effect of disdrometer type on rain drop size distribution characterisation: a new dataset for south-eastern Australia. Hydrology and Earth System Sciences, 2019, 23, 4737-4761.	1.9	28
92	Hydrological application of radar rainfall nowcasting in the Netherlands. Environment International, 2020, 136, 105431.	4.8	28
93	Hydrology of inland tropical lowlands: the Kapuas and Mahakam wetlands. Hydrology and Earth System Sciences, 2017, 21, 2579-2594.	1.9	27
94	Evaluation of Rainfall Products Derived From Satellites and Microwave Links for The Netherlands. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 6849-6859.	2.7	26
95	Mountain reference technique: Use of mountain returns to calibrate weather radars operating at attenuating wavelengths. Journal of Geophysical Research, 2000, 105, 2281-2290.	3.3	24
96	A preliminary investigation of radar rainfall estimation in the Ardennes region and a first hydrological application for the Ourthe catchment. Natural Hazards and Earth System Sciences, 2005, 5, 267-274.	1.5	24
97	Rainfall Estimation Accuracy of a Nationwide Instantaneously Sampling Commercial Microwave Link Network: Error Dependency on Known Characteristics. Journal of Atmospheric and Oceanic Technology, 2019, 36, 1267-1283.	0.5	23
98	Quantitative analysis of X-band weather radar attenuation correction accuracy. Natural Hazards and Earth System Sciences, 2006, 6, 419-425.	1.5	20
99	Effects of Climate Variability on Water Storage in the Colorado River Basin. Journal of Hydrometeorology, 2009, 10, 1257-1270.	0.7	20
100	Generating spatial precipitation ensembles: impact of temporal correlation structure. Hydrology and Earth System Sciences, 2012, 16, 3419-3434.	1.9	20
101	Deep Learning for an Improved Prediction of Rainfall Retrievals From Commercial Microwave Links. Water Resources Research, 2020, 56, e2019WR026255.	1.7	20
102	Geostatistical simulation of twoâ€dimensional fields of raindrop size distributions at the mesoâ€Î³ scale. Water Resources Research, 2009, 45, .	1.7	19
103	Dependence of rainfall interception on drop size â€“ a comment. Journal of Hydrology, 1999, 217, 157-163.	2.3	18
104	The effect of reported high-velocity small raindrops on inferred drop size distributions and derived power laws. Atmospheric Chemistry and Physics, 2010, 10, 6807-6818.	1.9	18
105	Close-range radar rainfall estimation and error analysis. Atmospheric Measurement Techniques, 2016, 9, 3837-3850.	1.2	18
106	genRE: A Method to Extend Gridded Precipitation Climatology Data Sets in Near Realâ€Time for Hydrological Forecasting Purposes. Water Resources Research, 2017, 53, 9284-9303.	1.7	18
107	Rainfall Nowcasting Using Commercial Microwave Links. Geophysical Research Letters, 2020, 47, e2020GL089365.	1.5	17
108	Dryâ€end surface soil moisture variability during NAFE'06. Geophysical Research Letters, 2007, 34, .	1.5	16

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109	Path-Average Rainfall Estimation from Optical Extinction Measurements Using a Large-Aperture Scintillometer. Journal of Hydrometeorology, 2011, 12, 955-972.	0.7	16
110	Identification and uncertainty estimation of vertical reflectivity profiles using a Lagrangian approach to support quantitative precipitation measurements by weather radar. Journal of Geophysical Research D: Atmospheres, 2013, 118, 10,243.	1.2	16
111	Contribution of potential evaporation forecasts to 10-day streamflow forecast skill for the Rhine River. Hydrology and Earth System Sciences, 2019, 23, 1453-1467.	1.9	16
112	Largeâ€Sample Evaluation of Radar Rainfall Nowcasting for Flood Early Warning. Water Resources Research, 2022, 58, .	1.7	16
113	Highâ€Resolution Simulation Study Exploring the Potential of Radars, Crowdsourced Personal Weather Stations, and Commercial Microwave Links to Monitor Smallâ€Scale Urban Rainfall. Water Resources Research, 2018, 54, 10,293.	1.7	15
114	Towards a stochastic model of rainfall for radar hydrology: testing the poisson homogeneity hypothesis. Physics and Chemistry of the Earth, 1999, 24, 747-755.	0.3	14
115	Advancing Precipitation Estimation, Prediction, and Impact Studies. Bulletin of the American Meteorological Society, 2020, 101, E1584-E1592.	1.7	14
116	Unified Formulation of Single- and Multimoment Normalizations of the Raindrop Size Distribution Based on the Gamma Probability Density Function. Journal of Applied Meteorology and Climatology, 2014, 53, 166-179.	0.6	13
117	Tropical rainfall monitoring with commercial microwave links in Sri Lanka. Environmental Research Letters, 2021, 16, 074058.	2.2	13
118	Rainfall rate retrieval in presence of path attenuation using C-band polarimetric weather radars. Natural Hazards and Earth System Sciences, 2006, 6, 439-450.	1.5	12
119	Estimating raindrop size distributions using microwave link measurements: potential and limitations. Atmospheric Measurement Techniques, 2020, 13, 1797-1815.	1.2	12
120	Quantification of the radar reflectivity sampling error in non-stationary rain using paired disdrometers. Geophysical Research Letters, 2005, 32, n/a-n/a.	1.5	11
121	A data acquisition framework for runoff prediction in ungauged basins. , 2013, , 29-52.		11
122	Rainfall measurement using cell phone links: classification of wet and dry periods using geostationary satellites. Hydrological Sciences Journal, 2017, 62, 1343-1353.	1.2	11
123	Analysis of urban rainfall from hourly to seasonal scales using highâ€resolution radar observations in the Netherlands. International Journal of Climatology, 2020, 40, 822-840.	1.5	11
124	Overview of Research and Networking with Ground based Remote Sensing for Atmospheric Profiling at the Cabauw Experimental Site for Atmospheric Research (CESAR) - The Netherlands. , 2008, , .		10
125	Comment on â€œMost computational hydrology is not reproducible, so is it really science?â€•by Christopher Hutton et al.. Water Resources Research, 2017, 53, 2568-2569.	1.7	10
126	Anatomy of simultaneous flood peaks at a lowland confluence. Hydrology and Earth System Sciences, 2018, 22, 5599-5613.	1.9	10

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127	Decomposing satellite-based rainfall errors in flood estimation: Hydrological responses using a spatiotemporal object-based verification method. Journal of Hydrology, 2020, 591, 125554.	2.3	10
128	Rainfall retrieval using commercial microwave links: Effect of sampling strategy on retrieval accuracy. Journal of Hydrology, 2021, 603, 126909.	2.3	10
129	Application of a probabilistic model of rainfall-induced shallow landslides to complex hollows. Natural Hazards and Earth System Sciences, 2008, 8, 733-744.	1.5	9
130	The impact of reflectivity correction and accounting for raindrop size distribution variability to improve precipitation estimation by weather radar for an extreme low-land mesoscale convective system. Journal of Hydrology, 2014, 519, 3410-3425.	2.3	9
131	A climatological benchmark for operational radar rainfall bias reduction. Hydrology and Earth System Sciences, 2021, 25, 4061-4080.	1.9	8
132	Application of X- and S-band radars for rain rate estimation over an urban area. Physics and Chemistry of the Earth, 1997, 22, 259-264.	0.3	7
133	Wildfire Smoke Particulate Matter Concentration Measurements Using Radio Links From Cellular Communication Networks. AGU Advances, 2021, 2, e2020AV000258.	2.3	7
134	Scaling, Similarity, and the Fourth Paradigm for Hydrology. , 2017, 21, 3701-3713.		7
135	Estimation of rain kinetic energy from radar reflectivity and/or rain rate based on a scaling formulation of the raindrop size distribution. Water Resources Research, 2012, 48, .	1.7	6
136	Sensitivity of power functions to aggregation: Bias and uncertainty in radar rainfall retrieval. Water Resources Research, 2014, 50, 8050-8065.	1.7	6
137	Rainfall Monitoring Using Microwave Links from Cellular Communication Networks: The Dutch Experience. , 2018, , .		6
138	Unsaturated zone model complexity for the assimilation of evapotranspiration rates in groundwater modelling. Hydrology and Earth System Sciences, 2021, 25, 2261-2277.	1.9	6
139	Full-Year Evaluation of Nonmeteorological Echo Removal with Dual-Polarization Fuzzy Logic for Two C-Band Radars in a Temperate Climate. Journal of Atmospheric and Oceanic Technology, 2020, 37, 1643-1660.	0.5	6
140	The Hupsel Brook Catchment: Insights from Five Decades of Lowland Observations. Vadose Zone Journal, 2018, 17, 180056.	1.3	5
141	Model-based iterative approach to polarimetric radar rainfall estimation in presence of path attenuation. Advances in Geosciences, 0, 2, 51-57.	12.0	5
142	Evaluating seasonal hydrological extremes in mesoscale (pre-)Alpine basins at coarse 0.5Â° and fine hyperresolution. Hydrology and Earth System Sciences, 2019, 23, 1593-1609.	1.9	4
143	A comprehensive five-year evaluation of IMERG Late Run precipitation estimates over the Netherlands. Journal of Hydrometeorology, 2021, , .	0.7	4
144	Rainfall retrieval algorithm for commercial microwave links: stochastic calibration. Atmospheric Measurement Techniques, 2022, 15, 485-502.	1.2	4

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145	A probabilistic climate change assessment for Europe. International Journal of Climatology, 2022, 42, 6699-6715.	1.5	4
146	Edge effect causes apparent fractal correlation dimension of uniform spatial raindrop distribution. Nonlinear Processes in Geophysics, 2009, 16, 287-297.	0.6	3
147	Spatiotemporal Analysis of Extreme Rainfall Events Using an Object-Based Approach. , 2019, , 95-112.		3
148	Daily flow simulation in Thailand Part II: Unraveling effects of reservoir operation. Journal of Hydrology: Regional Studies, 2021, 34, 100792.	1.0	3
149	Rainfall spatio-temporal correlation and intermittency structure from micro-Î³ to meso-Î² scale in the Netherlands. Journal of Hydrometeorology, 2021, , .	0.7	3
150	Confirmation of a Shortâ€Time Expression for the Hydrograph Rising Limb of an Initially Dry Aquifer Using Laboratory Hillslope Outflow Experiments. Water Resources Research, 2018, 54, 10,350.	1.7	2
151	ST-CORAbico: A Spatiotemporal Object-Based Bias Correction Method for Storm Prediction Detected by Satellite. Remote Sensing, 2020, 12, 3538.	1.8	2
152	Optimization of rain gauge sampling density for river discharge prediction using Bayesian calibration. PeerJ, 2020, 8, e9558.	0.9	2
153	Sustainability characteristics of drinking water supply in the Netherlands. Drinking Water Engineering and Science, 2021, 14, 1-43.	0.8	1
154	Rainfall-induced attenuation correction for two operational dual-polarization C-band radars in the Netherlands. Journal of Atmospheric and Oceanic Technology, 2021, , .	0.5	1
155	Evaporation from a large lowland reservoir â€“ observed dynamics and drivers during a warm summer. Hydrology and Earth System Sciences, 2022, 26, 2875-2898.	1.9	1
156	Travel time distributions of subsurface flow along complex hillslopes with exponential width functions. Developments in Water Science, 2004, 55, 1465-1477.	0.1	0
157	Cover Image, Volume 5, Issue 4. Wiley Interdisciplinary Reviews: Water, 2018, 5, e1301.	2.8	0
158	Ground-Based Atmospheric Remote Sensing in the Netherlands. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2007, 66, 1591-1602.	0.2	0