

Dawei Han

List of Publications by Year in descending order

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172
papers

6,239
citations

70961

41
h-index

85405

71
g-index

180
all docs

180
docs citations

180
times ranked

6268
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-satellite precipitation products for meteorological drought assessment and forecasting in Central India. <i>Geocarto International</i> , 2022, 37, 1899-1918.	1.7	25
2	An assessment of statistical interpolation methods suited for gridded rainfall datasets. <i>International Journal of Climatology</i> , 2022, 42, 2754-2772.	1.5	9
3	Accounting for satellite rainfall uncertainty in rainfall-triggered landslide forecasting. <i>Geomorphology</i> , 2022, 398, 108051.	1.1	7
4	Exploring the effect of catchment morphology on streamflow characteristics with virtual experiments. <i>Journal of Hydrology</i> , 2022, , 127606.	2.3	0
5	Bias-correction schemes for calibrated flow in a conceptual hydrological model. <i>Hydrology Research</i> , 2021, 52, 196-211.	1.1	7
6	Reanalysis Product-Based Nonstationary Frequency Analysis for Estimating Extreme Design Rainfall. <i>Atmosphere</i> , 2021, 12, 191.	1.0	4
7	Resilient infrastructures for reducing urban flooding risks. , 2021, , 181-200.		2
8	Climate change impact assessment on low streamflows using cross-entropy methods. <i>Climate Research</i> , 2021, 85, 159-176.	0.4	2
9	Climate Change Adaptations for Food Security in Vulnerable Areas of the Egyptian Nileâ€”For Tackling the Overlooked Nexus Hazards of Hydrological Extremes and Waste Pollutions. <i>Water (Switzerland)</i> , 2021, 13, 412.	1.2	3
10	To develop a progressive multimetric configuration optimisation method for WRF simulations of extreme rainfall events over Egypt. <i>Journal of Hydrology</i> , 2021, 598, 126237.	2.3	11
11	Assessing the potential of different satellite soil moisture products in landslide hazard assessment. <i>Remote Sensing of Environment</i> , 2021, 264, 112583.	4.6	13
12	Uncertainty assessment of radar-raingauge merged rainfall estimates in river discharge simulations. <i>Journal of Hydrology</i> , 2021, 603, 127093.	2.3	10
13	The impact of wind on the rainfallâ€”runoff relationship in urban high-rise building areas. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 6023-6039.	1.9	4
14	Comparison of gridded precipitation datasets for rainfall-runoff and inundation modeling in the Mekong River Basin. <i>PLoS ONE</i> , 2020, 15, e0226814.	1.1	48
15	Application of hydrological model simulations in landslide predictions. <i>Landslides</i> , 2020, 17, 877-891.	2.7	16
16	Uncertainty analysis of radar rainfall estimates induced by atmospheric conditions using long short-term memory networks. <i>Journal of Hydrology</i> , 2020, 590, 125482.	2.3	11
17	Exploration of Daily Rainfall Intensity Change in South Korea 1900â€”2010 Using Bias-Corrected ERA-20C. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020, 25, 05020009.	0.8	2
18	A Hybrid Approach Combining Conceptual Hydrological Models, Support Vector Machines and Remote Sensing Data for Rainfall-Runoff Modeling. <i>Remote Sensing</i> , 2020, 12, 1801.	1.8	21

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19	Soil moisture sensor network design for hydrological applications. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 2577-2591.	1.9	8
20	Estimation of rainfall erosivity based on WRF-derived raindrop size distributions. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 5407-5422.	1.9	11
21	Estimation of soil moisture using modified antecedent precipitation index with application in landslide predictions. <i>Landslides</i> , 2019, 16, 2381-2393.	2.7	27
22	Rediscovering the Idea of Cultural Heritage and the Relationship with Nature: Four Schools of Essential Thought of the Ancient Han Chinese. <i>Heritage</i> , 2019, 2, 1812-1834.	0.9	1
23	Comparative study on long term climate data sources over South Korea. <i>Journal of Water and Climate Change</i> , 2019, 10, 504-523.	1.2	6
24	Evaluation of Remotely Sensed Soil Moisture for Landslide Hazard Assessment. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019, 12, 162-173.	2.3	44
25	Twenty-three unsolved problems in hydrology (UPH) – a community perspective. <i>Hydrological Sciences Journal</i> , 2019, 64, 1141-1158.	1.2	474
26	Sensitivity analysis of raindrop size distribution parameterizations in WRF rainfall simulation. <i>Atmospheric Research</i> , 2019, 228, 1-13.	1.8	23
27	Probabilistic thresholds for landslides warning by integrating soil moisture conditions with rainfall thresholds. <i>Journal of Hydrology</i> , 2019, 574, 276-287.	2.3	61
28	Attribution Analysis for Runoff Change on Multiple Scales in a Humid Subtropical Basin Dominated by Forest, East China. <i>Forests</i> , 2019, 10, 184.	0.9	13
29	Spatio-temporal drought patterns of multiple drought indices based on precipitation and soil moisture: A case study in South Korea. <i>International Journal of Climatology</i> , 2019, 39, 4669-4687.	1.5	33
30	Bias correction of daily precipitation over South Korea from the long-term reanalysis using a composite Gamma-Pareto distribution approach. <i>Hydrology Research</i> , 2019, 50, 1138-1161.	1.1	15
31	Real-time evacuation and failure mechanism of a giant soil landslide on 19 July 2018 in Yanyuan County, Sichuan Province, China. <i>Landslides</i> , 2019, 16, 1177-1187.	2.7	16
32	Adjustment of Radar-Gauge Rainfall Discrepancy Due to Raindrop Drift and Evaporation Using the Weather Research and Forecasting Model and Dual-Polarization Radar. <i>Water Resources Research</i> , 2019, 55, 9211-9233.	1.7	17
33	Assessment of simulated soil moisture from WRF Noah, Noah-MP, and CLM land surface schemes for landslide hazard application. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 4199-4218.	1.9	36
34	Exploration of the creep properties of undisturbed shear zone soil of the Huangtupo landslide. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 1237-1248.	1.6	18
35	Predicting vegetation phenology in response to climate change using bioclimatic indices in Iraq. <i>Journal of Water and Climate Change</i> , 2019, 10, 835-851.	1.2	9
36	Study on the effect of rainfall spatial variability on runoff modelling. <i>Journal of Hydroinformatics</i> , 2018, 20, 577-587.	1.1	6

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37	A cost-effective and efficient framework to determine water quality monitoring network locations. <i>Science of the Total Environment</i> , 2018, 624, 283-293.	3.9	45
38	A Participatory Multiple Criteria Decision Analysis to Tackle a Complex Environmental Problem Involving Cultural Water Heritage and Nature. <i>Water (Switzerland)</i> , 2018, 10, 1785.	1.2	4
39	Analysis of the Public Flood Risk Perception in a Flood-Prone City: The Case of Jingdezhen City in China. <i>Water (Switzerland)</i> , 2018, 10, 1577.	1.2	48
40	Constraining Conceptual Hydrological Models With Multiple Information Sources. <i>Water Resources Research</i> , 2018, 54, 8332-8362.	1.7	85
41	Evaluation of the ability of the Weather Research and Forecasting model to reproduce a sub-daily extreme rainfall event in Beijing, China using different domain configurations and spin-up times. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 3391-3407.	1.9	20
42	Analysis of NVDI variability in response to precipitation and air temperature in different regions of Iraq, using MODIS vegetation indices. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	22
43	An Uncertainty Investigation of RCM Downscaling Ratios in Nonstationary Extreme Rainfall IDF Curves. <i>Atmosphere</i> , 2018, 9, 151.	1.0	3
44	Impact of the Storm Sewer Network Complexity on Flood Simulations According to the Stroke Scaling Method. <i>Water (Switzerland)</i> , 2018, 10, 645.	1.2	11
45	Reply to comment by Melsen et al. on "Most computational hydrology is not reproducible, so is it really science?" <i>Water Resources Research</i> , 2017, 53, 2570-2571.	1.7	2
46	Reply to comment by AÃ±el on "Most computational hydrology is not reproducible, so is it really science?" <i>Water Resources Research</i> , 2017, 53, 2575-2576.	1.7	1
47	Representing radar rainfall uncertainty with ensembles based on a time-variant geostatistical error modelling approach. <i>Journal of Hydrology</i> , 2017, 548, 391-405.	2.3	40
48	Assessment of flood inundation mapping of Surat city by coupled 1D/2D hydrodynamic modeling: a case application of the new HEC-RAS 5. <i>Natural Hazards</i> , 2017, 89, 93-130.	1.6	155
49	Calculation method and application of loss of life caused by dam break in China. <i>Natural Hazards</i> , 2017, 85, 39-57.	1.6	22
50	Assessment of rainfall spatial variability and its influence on runoff modelling: A case study in the Brue catchment, UK. <i>Hydrological Processes</i> , 2017, 31, 2972-2981.	1.1	17
51	Radar and rain gauge rainfall discrepancies driven by changes in atmospheric conditions. <i>Geophysical Research Letters</i> , 2017, 44, 7303-7309.	1.5	3
52	Exploration of empirical relationship between surface soil temperature and surface soil moisture over two catchments of contrasting climates and land covers. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	9
53	Catchment Morphing (CM): A Novel Approach for Runoff Modeling in Ungauged Catchments. <i>Water Resources Research</i> , 2017, 53, 10899-10907.	1.7	8
54	Exploration of an adaptive merging scheme for optimal precipitation estimation over ungauged urban catchment. <i>Journal of Hydroinformatics</i> , 2017, 19, 225-237.	1.1	3

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55	Reference Evapotranspiration Retrievals from a Mesoscale Model Based Weather Variables for Soil Moisture Deficit Estimation. Sustainability, 2017, 9, 1971.	1.6	12
56	Hydrological Evaluation of Satellite Soil Moisture Data in Two Basins of Different Climate and Vegetation Density Conditions. Advances in Meteorology, 2017, 2017, 1-15.	0.6	7
57	Multi-source hydrological soil moisture state estimation using data fusion optimisation. Hydrology and Earth System Sciences, 2017, 21, 3267-3285.	1.9	13
58	High temporal resolution rainfall rate estimation from rain gauge measurements. Journal of Hydroinformatics, 2017, 19, 930-941.	1.1	9
59	The evolution of root-zone moisture capacities after deforestation: a step towards hydrological predictions under change?. Hydrology and Earth System Sciences, 2016, 20, 4775-4799.	1.9	61
60	Error distribution modelling of satellite soil moisture measurements for hydrological applications. Hydrological Processes, 2016, 30, 2223-2236.	1.1	10
61	High Temporal Resolution Rainfall Information Retrieval from Tipping-bucket Rain Gauge Measurements. Procedia Engineering, 2016, 154, 1193-1200.	1.2	10
62	Most computational hydrology is not reproducible, so is it really science?. Water Resources Research, 2016, 52, 7548-7555.	1.7	119
63	Integrating Soil Hydraulic Parameter and Microwave Precipitation with Morphometric Analysis for Watershed Prioritization. Water Resources Management, 2016, 30, 5385-5405.	1.9	24
64	Could operational hydrological models be made compatible with satellite soil moisture observations?. Hydrological Processes, 2016, 30, 1637-1648.	1.1	23
65	Soil moisture deficit estimation using satellite multi-angle brightness temperature. Journal of Hydrology, 2016, 539, 392-405.	2.3	11
66	Hydrological modelling under climate change considering nonstationarity and seasonal effects. Hydrology Research, 2016, 47, 260-273.	1.1	12
67	Seasonal ensemble generator for radar rainfall using copula and autoregressive model. Stochastic Environmental Research and Risk Assessment, 2016, 30, 27-38.	1.9	9
68	Misrepresentation and amendment of soil moisture in conceptual hydrological modelling. Journal of Hydrology, 2016, 535, 637-651.	2.3	20
69	Exploration of optimal time steps for daily precipitation bias correction: a case study using a single grid of RCM on the River Exe in southwest England. Hydrological Sciences Journal, 2016, 61, 289-301.	1.2	9
70	Seasonal evaluation of evapotranspiration fluxes from MODIS satellite and mesoscale model downscaled global reanalysis datasets. Theoretical and Applied Climatology, 2016, 124, 461-473.	1.3	27
71	Evaluation of SMOS soil moisture retrievals over the central United States for hydro-meteorological application. Physics and Chemistry of the Earth, 2015, 83-84, 146-155.	1.2	18
72	Radar rainfall uncertainty modelling influenced by wind. Hydrological Processes, 2015, 29, 1704-1716.	1.1	15

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73	An improved bias correction scheme based on comparative precipitation characteristics. <i>Hydrological Processes</i> , 2015, 29, 2258-2266.	1.1	11
74	Meta-analysis of flow modeling performances to build a matching system between catchment complexity and model types. <i>Hydrological Processes</i> , 2015, 29, 2463-2477.	1.1	20
75	Probabilistic radar rainfall nowcasts using empirical and theoretical uncertainty models. <i>Hydrological Processes</i> , 2015, 29, 66-79.	1.1	28
76	Virtual laboratories: new opportunities for collaborative water science. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 2101-2117.	1.9	63
77	Comparison of different radar-raingauge rainfall merging techniques. <i>Journal of Hydroinformatics</i> , 2015, 17, 422-445.	1.1	46
78	Appraisal of NLDAS-2 Multi-Model Simulated Soil Moistures for Hydrological Modelling. <i>Water Resources Management</i> , 2015, 29, 3503-3517.	1.9	34
79	Input selection for long-lead precipitation prediction using large-scale climate variables: a case study. <i>Journal of Hydroinformatics</i> , 2015, 17, 114-129.	1.1	23
80	Bias correction methods for regional climate model simulations considering the distributional parametric uncertainty underlying the observations. <i>Journal of Hydrology</i> , 2015, 530, 568-579.	2.3	35
81	CLOUDET: A Cloud Detection and Estimation Algorithm for Passive Microwave Imagers and Sounders Aided by Naïve Bayes Classifier and Multilayer Perceptron. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015, 8, 4296-4301.	2.3	6
82	A hybrid modelling approach for assessing solar radiation. <i>Theoretical and Applied Climatology</i> , 2015, 122, 403-420.	1.3	17
83	A real-time flood forecasting system with dual updating of the NWP rainfall and the river flow. <i>Natural Hazards</i> , 2015, 77, 1161-1182.	1.6	34
84	An improved technique for global solar radiation estimation using numerical weather prediction. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2015, 129, 13-22.	0.6	43
85	Performance evaluation of WRF-Noah Land surface model estimated soil moisture for hydrological application: Synergistic evaluation using SMOS retrieved soil moisture. <i>Journal of Hydrology</i> , 2015, 529, 200-212.	2.3	50
86	Modeling groundwater quality over a humid subtropical region using numerical indices, earth observation datasets, and X-ray diffraction technique: a case study of Allahabad district, India. <i>Environmental Geochemistry and Health</i> , 2015, 37, 157-180.	1.8	115
87	Predicting streamflows to a multipurpose reservoir using artificial neural networks and regression techniques. <i>Earth Science Informatics</i> , 2015, 8, 337-352.	1.6	17
88	Exploration of discrepancy between radar and gauge rainfall estimates driven by wind fields. <i>Water Resources Research</i> , 2014, 50, 8571-8588.	1.7	23
89	Influence of Rain Gauge Density on Interpolation Method Selection. <i>Journal of Hydrologic Engineering - ASCE</i> , 2014, 19, .	0.8	32
90	Modelling radar-rainfall estimation uncertainties using elliptical and Archimedean copulas with different marginal distributions. <i>Hydrological Sciences Journal</i> , 2014, 59, 1992-2008.	1.2	17

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91	Monitoring and Modeling Terrestrial Ecosystems'™ Response to Climate Change. <i>Advances in Meteorology</i> , 2014, 2014, 1-2.	0.6	1
92	Comparative study of IHACRES model optimisation schemes. <i>Water Management</i> , 2014, 167, 194-205.	0.4	2
93	Comparative assessment of soil moisture estimation from land surface model and satellite remote sensing based on catchment water balance. <i>Meteorological Applications</i> , 2014, 21, 521-534.	0.9	21
94	Identification of homogeneous regions for regionalization of watersheds by two-level self-organizing feature maps. <i>Journal of Hydrology</i> , 2014, 509, 387-397.	2.3	67
95	An exploratory investigation of an adaptive neuro fuzzy inference system (ANFIS) for estimating hydrometeors from TRMM/TMI in synergy with TRMM/PR. <i>Atmospheric Research</i> , 2014, 145-146, 57-68.	1.8	20
96	Assessment of SMOS soil moisture retrieval parameters using tau'™omega algorithms for soil moisture deficit estimation. <i>Journal of Hydrology</i> , 2014, 519, 574-587.	2.3	49
97	Estimation of land surface temperature from atmospherically corrected LANDSAT TM image using 6S and NCEP global reanalysis product. <i>Environmental Earth Sciences</i> , 2014, 72, 5183-5196.	1.3	19
98	Sensitivity and uncertainty analysis of mesoscale model downscaled hydro-meteorological variables for discharge prediction. <i>Hydrological Processes</i> , 2014, 28, 4419-4432.	1.1	71
99	Analysis of NDVI Data for Crop Identification and Yield Estimation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014, 7, 4374-4384.	2.3	84
100	Meta-analysis of influential factors on crop yield estimation by remote sensing. <i>International Journal of Remote Sensing</i> , 2014, 35, 2267-2295.	1.3	18
101	Multivariate distributed ensemble generator: A new scheme for ensemble radar precipitation estimation over temperate maritime climate. <i>Journal of Hydrology</i> , 2014, 511, 17-27.	2.3	31
102	Sensitivity associated with bright band/melting layer location on radar reflectivity correction for attenuation at C-band using differential propagation phase measurements. <i>Atmospheric Research</i> , 2014, 135-136, 143-158.	1.8	10
103	Evaluation of Mathematical Models with Utility Index: A Case Study from Hydrology. , 2014, , 243-264.		0
104	Model structure exploration for index flood regionalization. <i>Hydrological Processes</i> , 2013, 27, 2903-2917.	1.1	4
105	Appraisal of SMOS soil moisture at a catchment scale in a temperate maritime climate. <i>Journal of Hydrology</i> , 2013, 498, 292-304.	2.3	73
106	Data Fusion Techniques for Improving Soil Moisture Deficit Using SMOS Satellite and WRF-NOAH Land Surface Model. <i>Water Resources Management</i> , 2013, 27, 5069.	1.9	44
107	Error Correction Modelling of Wind Speed Through Hydro-Meteorological Parameters and Mesoscale Model: A Hybrid Approach. <i>Water Resources Management</i> , 2013, 27, 1-23.	1.9	45
108	Machine Learning Techniques for Downscaling SMOS Satellite Soil Moisture Using MODIS Land Surface Temperature for Hydrological Application. <i>Water Resources Management</i> , 2013, 27, 3127-3144.	1.9	237

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109	Fuzzy logic based melting layer recognition from 3ÅGHz dual polarization radar: appraisal with NWP model and radio sounding observations. Theoretical and Applied Climatology, 2013, 112, 317-338.	1.3	22
110	Comparative assessment of evapotranspiration derived from <scp>NCEP</scp> and <scp>ECMWF</scp> global datasets through Weather Research and Forecasting model. Atmospheric Science Letters, 2013, 14, 118-125.	0.8	59
111	Exploring the effect of data assimilation by WRFâ€³DVar for numerical rainfall prediction with different types of storm events. Hydrological Processes, 2013, 27, 3627-3640.	1.1	26
112	Identification of dominant sources of sea level pressure for precipitation forecasting over Wales. Journal of Hydroinformatics, 2013, 15, 1002-1021.	1.1	7
113	The impact of raindrop drift in a three-dimensional wind field on a radarâ€“gauge rainfall comparison. International Journal of Remote Sensing, 2013, 34, 7739-7760.	1.3	18
114	On selection of the optimal data time interval for real-time hydrological forecasting. Hydrology and Earth System Sciences, 2013, 17, 3639-3659.	1.9	16
115	A study on WRF radar data assimilation for hydrological rainfall prediction. Hydrology and Earth System Sciences, 2013, 17, 3095-3110.	1.9	37
116	Catchment characteristics for index flood regionalisation. Water Management, 2012, 165, 179-189.	0.4	3
117	Calibration of Roughness Parameters Using Rainfallâ€“Runoff Water Balance for Satellite Soil Moisture Retrieval. Journal of Hydrologic Engineering - ASCE, 2012, 17, 704-714.	0.8	15
118	Variable Selection Using the Gamma Test Forward and Backward Selections. Journal of Hydrologic Engineering - ASCE, 2012, 17, 182-190.	0.8	12
119	Integrated framework for monitoring groundwater pollution using a geographical information system and multivariate analysis. Hydrological Sciences Journal, 2012, 57, 1453-1472.	1.2	70
120	Making calibration objectives relevant for flood forecasting. Water Management, 2012, 165, 121-136.	0.4	4
121	Selection of classification techniques for land use/land cover change investigation. Advances in Space Research, 2012, 50, 1250-1265.	1.2	279
122	Using S-band dual polarized radar for convective/stratiform rain indexing and the correspondence with AMSR-E GSFC profiling algorithm. Advances in Space Research, 2012, 50, 1383-1390.	1.2	14
123	Characteristics of raindrop spectra as normalized gamma distribution from a Jossâ€“Waldvogel disdrometer. Atmospheric Research, 2012, 108, 57-73.	1.8	63
124	Artificial intelligence techniques for clutter identification with polarimetric radar signatures. Atmospheric Research, 2012, 109-110, 95-113.	1.8	75
125	Tree-based genetic programming approach to infer microphysical parameters of the DSDs from the polarization diversity measurements. Computers and Geosciences, 2012, 48, 20-30.	2.0	14
126	Integrated Planning of Land Use and Water Allocation on a Watershed Scale Considering Social and Water Quality Issues. Journal of Water Resources Planning and Management - ASCE, 2012, 138, 671-681.	1.3	37

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127	A Jossâ€“Waldvogel disdrometer derived rainfall estimation study by collocated tipping bucket and rapid response rain gauges. Atmospheric Science Letters, 2012, 13, 139-150.	0.8	29
128	Performance evaluation of the TRMM precipitation estimation using ground-based radars from the GPM validation network. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 77, 194-208.	0.6	76
129	Calibration Catchment Selection for Flood Regionalization Modeling¹. Journal of the American Water Resources Association, 2012, 48, 698-706.	1.0	4
130	Uncertainty in index flood modelling due to calibration data sizes. Hydrological Processes, 2012, 26, 189-201.	1.1	4
131	Seasonal evaluation of rainfall estimation by four cumulus parameterization schemes and their sensitivity analysis. Hydrological Processes, 2012, 26, 1062-1078.	1.1	9
132	Sensitivity of the Weather Research and Forecasting (WRF) model to downscaling ratios and storm types in rainfall simulation. Hydrological Processes, 2012, 26, 3012-3031.	1.1	65
133	Input variable selection for median flood regionalization. Water Resources Research, 2011, 47, .	1.7	27
134	Assessment of input variables determination on the SVM model performance using PCA, Gamma test, and forward selection techniques for monthly stream flow prediction. Journal of Hydrology, 2011, 401, 177-189.	2.3	306
135	A new total volume model of debris flows with intermittent surges: based on the observations at Jiangjia Valley, southwest China. Natural Hazards, 2011, 56, 37-57.	1.6	7
136	Rainfall uncertainty for extreme events in NWP downscaling model. Hydrological Processes, 2011, 25, 1397-1406.	1.1	14
137	IMPACT OF EARTHQUAKE ON DEBRIS FLOWS â€” A CASE STUDY ON THE WENCHUAN EARTHQUAKE. Journal of Earthquake and Tsunami, 2011, 05, 493-508.	0.7	25
138	Estimating reference evapotranspiration using numerical weather modelling. Hydrological Processes, 2010, 24, 3490-3509.	1.1	56
139	Closure to â€œDaily Pan Evaporation Modeling in a Hot and Dry Climateâ€•by J. Piri, S. Amin, A. Moghaddamnia, A. Keshavarz, D. Han, and R. Remesan. Journal of Hydrologic Engineering - ASCE, 2010, 15, 668-669.	0.8	0
140	Effect of data time interval on real-time flood forecasting. Journal of Hydroinformatics, 2010, 12, 396-407.	1.1	20
141	Solar radiation estimation in ungauged catchments. Water Management, 2010, 163, 349-359.	0.4	5
142	Indices for calibration data selection of the rainfallâ€“runoff model. Water Resources Research, 2010, 46, .	1.7	25
143	The processes and mechanism of failure and debris flow initiation for gravel soil with different clay content. Geomorphology, 2010, 121, 222-230.	1.1	64
144	Uncertainty with the Gamma Test for model input data selection. , 2010, , .		2

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145	Daily Pan Evaporation Modeling in a Hot and Dry Climate. Journal of Hydrologic Engineering - ASCE, 2009, 14, 803-811.	0.8	91
146	Validation of the Gamma Test for Model Input Data Selection - with a Case Study in Evaporation Estimation. , 2009, , .		4
147	Runoff prediction using an integrated hybrid modelling scheme. Journal of Hydrology, 2009, 372, 48-60.	2.3	92
148	Input data selection for solar radiation estimation. Hydrological Processes, 2009, 23, 2754-2764.	1.1	36
149	Real-time monitoring of weather radar antenna pointing using digital terrain elevation and a Bayes clutter classifier. Meteorological Applications, 2009, 16, 227-236.	0.9	16
150	Reply to comments on "Evaporation estimation using artificial neural networks and adaptive neurofuzzy inference system techniques" by A. Moghaddamnia, M. Ghafari Gousheh, J. Piri, S. Amin and D. Han [Adv. Water Resour. 32 (2009) 88-97]. Advances in Water Resources, 2009, 32, 967-968.	1.7	3
151	Comparison of LLR, MLP, Elman, NNARX and ANFIS Models" with a case study in solar radiation estimation. Journal of Atmospheric and Solar-Terrestrial Physics, 2009, 71, 975-982.	0.6	118
152	Evaporation estimation using artificial neural networks and adaptive neuro-fuzzy inference system techniques. Advances in Water Resources, 2009, 32, 88-97.	1.7	228
153	ENSEMBLE PREDICTION OF INUNDATION RISK AND UNCERTAINTY ARISING FROM SCOUR (EPIRUS). , 2009, , .		4
154	Editorial: Weather radar for water management. Water Management, 2009, 162, 63-64.	0.4	1
155	Quantization analysis of weather radar data with synthetic rainfall. Stochastic Environmental Research and Risk Assessment, 2008, 22, 367-377.	1.9	4
156	Model data selection using gamma test for daily solar radiation estimation. Hydrological Processes, 2008, 22, 4301-4309.	1.1	80
157	ANFIS and NNARX based rainfall-runoff modeling. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	18
158	Flood forecasting using support vector machines. Journal of Hydroinformatics, 2007, 9, 267-276.	1.1	163
159	Uncertainties in real-time flood forecasting with neural networks. Hydrological Processes, 2007, 21, 223-228.	1.1	105
160	Seasonal Rainfall and Flow Trends Within Three Catchments in South-West England. , 2007, , 275-292.		2
161	Derivation of unit hydrograph using a transfer function approach. Water Resources Research, 2006, 42, .	1.7	22
162	Automated Thiessen polygon generation. Water Resources Research, 2006, 42, .	1.7	31

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163	Recession curve estimation for storm event separations. <i>Journal of Hydrology</i> , 2006, 330, 573-585.	2.3	32
164	Issues of using digital maps for catchment delineation. <i>Water Management</i> , 2006, 159, 45-51.	0.4	9
165	Comparative modelling of two catchments in Taiwan and England. <i>Hydrological Processes</i> , 2006, 20, 4335-4349.	1.1	9
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