

Dan Rosbjerg

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.

27
papers

662
citations

13
h-index

25
g-index

36
ext. papers

740
ext. citations

4.1
avg, IF

3.66
L-index

#	Paper	IF	Citations
27	Hydrology and beyond: the scientific work of August Colding revisited. <i>Hydrology and Earth System Sciences</i> , 2020 , 24, 4575-4585	5.5	
26	Initial design of urban drainage systems for extreme rainfall events using intensity-duration-area (IDA) curves and Chicago design storms (CDS). <i>Hydrological Sciences Journal</i> , 2019 , 64, 1397-1403	3.5	3
25	IAHS: a brief history of hydrology. <i>History of Geo- and Space Sciences</i> , 2019 , 10, 109-118	1	4
24	Optimal adaptation to extreme rainfalls in current and future climate. <i>Water Resources Research</i> , 2017 , 53, 535-543	5.4	8
23	A regional and nonstationary model for partial duration series of extreme rainfall. <i>Water Resources Research</i> , 2017 , 53, 2659-2678	5.4	6
22	The cost of ending groundwater overdraft on the North China Plain. <i>Hydrology and Earth System Sciences</i> , 2016 , 20, 771-785	5.5	13
21	Adaptation of water resources systems to changing society and environment: a statement by the International Association of Hydrological Sciences. <i>Hydrological Sciences Journal</i> , 2016 , 61, 2803-2817	3.5	40
20	Long term variations of extreme rainfall in Denmark and southern Sweden. <i>Climate Dynamics</i> , 2015 , 44, 3155-3169	4.2	19
19	Comparison of different statistical downscaling methods to estimate changes in hourly extreme precipitation using RCM projections from ENSEMBLES. <i>International Journal of Climatology</i> , 2015 , 35, 2528-2539	3.5	32
18	Using Stochastic Dynamic Programming to Support Water Resources Management in the Ziya River Basin, China. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2015 , 141, 04014086	2.8	30
17	A Bayesian Approach for Uncertainty Quantification of Extreme Precipitation Projections Including Climate Model Interdependency and Nonstationary Bias. <i>Journal of Climate</i> , 2014 , 27, 7113-7132	4.4	16
16	Seasonal variations in groundwater upwelling zones in a Danish lowland stream analyzed using Distributed Temperature Sensing (DTS). <i>Hydrological Processes</i> , 2014 , 28, 1422-1435	3.3	25
15	Assessing future climatic changes of rainfall extremes at small spatio-temporal scales. <i>Climatic Change</i> , 2013 , 118, 783-797	4.5	52
14	Well Field Management Using Multi-Objective Optimization. <i>Water Resources Management</i> , 2013 , 27, 629-648	3.7	7
13	A spatial and nonstationary model for the frequency of extreme rainfall events. <i>Water Resources Research</i> , 2013 , 49, 127-136	5.4	21
12	Regional Interdependency of Precipitation Indices across Denmark in Two Ensembles of High-Resolution RCMs. <i>Journal of Climate</i> , 2013 , 26, 7912-7928	4.4	16
11	Optimization of Well Field Operation: Case Study of Sønderjyllands Vandværk, Denmark. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2013 , 139, 109-116	2.8	3

10	On the importance of observational data properties when assessing regional climate model performance of extreme precipitation. <i>Hydrology and Earth System Sciences</i> , 2013 , 17, 4323-4337	5.5	30
9	Assessing climate change impacts on river flows and environmental flow requirements at catchment scale. <i>Ecohydrology</i> , 2010 , 3, n/a-n/a	2.5	2
8	A service and value based approach to estimating environmental flows. <i>International Journal of River Basin Management</i> , 2008 , 6, 257-266	1.7	11
7	Concepts of Hydrologic Modeling 2005 ,		5
6	Regional estimation of rainfall intensity-duration-frequency curves using generalized least squares regression of partial duration series statistics. <i>Water Resources Research</i> , 2002 , 38, 21-1-21-11	5.4	110
5	Generalized least squares and empirical bayes estimation in regional partial duration series index-flood modeling. <i>Water Resources Research</i> , 1997 , 33, 771-781	5.4	80
4	Prediction in partial duration series with generalized pareto-distributed exceedances. <i>Water Resources Research</i> , 1992 , 28, 3001-3010	5.4	113
3	Return Periods of Hydrological Events 1977 , 8, 57-61		9
2	On the importance of observational data properties when assessing regional climate model performance of extreme precipitation		3
1	The cost of ending groundwater overdraft on the North China Plain		4