

# Dan Rosbjerg

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

831  
citations

623188

14  
h-index

580395

25  
g-index

36  
all docs

36  
docs citations

36  
times ranked

999  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction in partial duration series with generalized pareto-distributed exceedances. <i>Water Resources Research</i> , 1992, 28, 3001-3010.	1.7	133
2	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.	1.7	126
3	Generalized least squares and empirical bayes estimation in regional partial duration series index-flood modeling. <i>Water Resources Research</i> , 1997, 33, 771-781.	1.7	100
4	Assessing future climatic changes of rainfall extremes at small spatio-temporal scales. <i>Climatic Change</i> , 2013, 118, 783-797.	1.7	61
5	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.	1.2	57
6	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.	1.5	41
7	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, .	1.3	38
8	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.	1.9	34
9	A spatial and nonstationary model for the frequency of extreme rainfall events. <i>Water Resources Research</i> , 2013, 49, 127-136.	1.7	31
10	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.	1.1	27
11	Long term variations of extreme rainfall in Denmark and southern Sweden. <i>Climate Dynamics</i> , 2015, 44, 3155-3169.	1.7	25
12	Regional Interdependency of Precipitation Indices across Denmark in Two Ensembles of High-Resolution RCMs. <i>Journal of Climate</i> , 2013, 26, 7912-7928.	1.2	18
13	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.	1.2	18
14	The cost of ending groundwater overdraft on the North China Plain. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 771-785.	1.9	14
15	Optimal adaptation to extreme rainfalls in current and future climate. <i>Water Resources Research</i> , 2017, 53, 535-543.	1.7	14
16	A service and value based approach to estimating environmental flows. <i>International Journal of River Basin Management</i> , 2008, 6, 257-266.	1.5	13
17	Return Periods of Hydrological Events. <i>Hydrology Research</i> , 1977, 8, 57-61.	1.1	13
18	IAHS: a brief history of hydrology. <i>History of Geo- and Space Sciences</i> , 2019, 10, 109-118.	0.1	12

#	ARTICLE	IF	CITATIONS
19	A regional and nonstationary model for partial duration series of extreme rainfall. <i>Water Resources Research</i> , 2017, 53, 2659-2678.	1.7	11
20	Well Field Management Using Multi-Objective Optimization. <i>Water Resources Management</i> , 2013, 27, 629-648.	1.9	9
21	Initial design of urban drainage systems for extreme rainfall events using intensityâ€‘durationâ€‘area (IDA) curves and Chicago design storms (CDS). <i>Hydrological Sciences Journal</i> , 2019, 64, 1397-1403.	1.2	9
22	Assessing climate change impacts on river flows and environmental flow requirements at catchment scale. <i>Ecohydrology</i> , 2010, 3, 28-40.	1.1	4
23	Optimization of Well Field Operation: Case Study of S�nders�, Waterworks, Denmark. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2013, 139, 109-116.	1.3	4
24	Nordic contributions to stochastic methods in hydrology. <i>Hydrology Research</i> , 2022, 53, 840-866.	1.1	1
25	50 Years with Nordic Hydrology/Hydrology Research. <i>Hydrology Research</i> , 2022, 53, 908-913.	1.1	1
26	Hydrology and beyond: the scientific work of August Colding revisited. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 4575-4585.	1.9	0