Alain Mailhot

List of Publications by Year
in descending order

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17 papers	955 citations	759233 12 h-index	940533 16 g-index
17 all docs	17 docs citations	17 times ranked	1136 citing authors

#	Article	IF	Citations
1	Assessment of future change in intensityâ€“durationâ€“frequency (IDF) curves for Southern Quebec using the Canadian Regional Climate Model (CRCM). Journal of Hydrology, 2007, 347, 197-210.	5.4	185
2	Design Criteria of Urban Drainage Infrastructures under Climate Change. Journal of Water Resources Planning and Management - ASCE, 2010, 136, 201-208.	2.6	176
3	Relationship between Surface Temperature and Extreme Rainfalls: A Multi-Time-Scale and Event-Based Analysis*. Journal of Hydrometeorology, 2014, 15, 1999-2011.	1.9	142
4	Future changes in intense precipitation over Canada assessed from multiâ€model NARCCAP ensemble simulations. International Journal of Climatology, 2012, 32, 1151-1163.	3.5	86
5	The ClimEx Project: A 50-Member Ensemble of Climate Change Projections at 12-km Resolution over Europe and Northeastern North America with the Canadian Regional Climate Model (CRCM5). Journal of Applied Meteorology and Climatology, 2019, 58, 663-693.	1.5	80
6	Role of Natural Climate Variability in the Detection of Anthropogenic Climate Change Signal for Mean and Extreme Precipitation at Local and Regional Scales. Journal of Climate, 2018, 31, 4241-4263.	3.2	76
7	Global and Regional Projected Changes in 100-yr Subdaily, Daily, and Multiday Precipitation Extremes Estimated from Three Large Ensembles of Climate Simulations. Journal of Climate, 2020, 33, 1089-1103.	3.2	38
8	Simple scaling of extreme precipitation in North America. Hydrology and Earth System Sciences, 2017, 21, 5823-5846.	4.9	35
9	Evaluation of CORDEX-Arctic daily precipitation and temperature-based climate indices over Canadian Arctic land areas. Climate Dynamics, 2018, 50, 2061-2085.	3.8	35
10	Ensemble bias correction of climate simulations: preserving internal variability. Scientific Reports, 2021, 11, 3098.	3.3	32
11	Projected changes in characteristics of precipitation spatial structures over North America. International Journal of Climatology, 2015, 35, 596-612.	3.5	25
12	Projected Changes in the Probability Distributions, Seasonality, and Spatiotemporal Scaling of Daily and Subdaily Extreme Precipitation Simulated by a 50â€Member Ensemble Over Northeastern North America. Journal of Geophysical Research D: Atmospheres, 2019, 124, 10427-10449.	3.3	21
13	Observed and Simulated Precipitation over Northeastern North America: How Do Daily and Subdaily Extremes Scale in Space and Time?. Journal of Climate, 2019, 32, 8563-8582.	3.2	11
14	Evolution of Dry and Wet Spells Under Climate Change Over Northâ€Eastern North America. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033740.	3.3	5
15	The Response of Daily and Subâ€Daily Extreme Precipitations to Changes in Surface and Dewâ€Point Temperatures. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD034972.	3.3	5
16	Predicting Individual Hydraulic Performance of Sewer Pipes in Context of Climate Change. Journal of Water Resources Planning and Management - ASCE, 2019, 145, .	2.6	3
17	Improving the Representation of Historical Climate Precipitation Indices Using Optimal Interpolation Methods. Atmosphere - Ocean, 2020, 58, 243-257.	1.6	0