

Alain Mailhot

List of Publications by Year in descending order

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Version: 2024-02-01

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