

Mike Flannigan

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,843
citations

393982

19
h-index

642321

23
g-index

25
all docs

25
docs citations

25
times ranked

4579
citing authors

#	ARTICLE	IF	CITATIONS
1	Downscaling fire weather extremes from historical and projected climate models. <i>Climatic Change</i> , 2020, 163, 189-216.	1.7	9
2	Vegetation fires in the Anthropocene. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 500-515.	12.2	419
3	Increased deep soil respiration detected despite reduced overall respiration in permafrost peat plateaus following wildfire. <i>Environmental Research Letters</i> , 2019, 14, 125001.	2.2	12
4	Temporal Patterns of Wildfire Activity in Areas of Contrasting Human Influence in the Canadian Boreal Forest. <i>Forests</i> , 2018, 9, 159.	0.9	29
5	Boreal fire records in Northern Hemisphere ice cores: a review. <i>Climate of the Past</i> , 2016, 12, 2033-2059.	1.3	70
6	Anthropogenic influence on wildfire activity in Alberta, Canada. <i>International Journal of Wildland Fire</i> , 2016, 25, 1131.	1.0	33
7	The Science of Firescapes: Achieving Fire-Resilient Communities. <i>BioScience</i> , 2016, 66, 130-146.	2.2	157
8	Is the END (emulation of natural disturbance) a new beginning? A critical analysis of the use of fire regimes as the basis of forest ecosystem management with examples from the Canadian western Cordillera. <i>Environmental Reviews</i> , 2016, 24, 233-243.	2.1	19
9	Wildfire smoke and public health risk. <i>International Journal of Wildland Fire</i> , 2015, 24, 1029.	1.0	96
10	Global wildland fire season severity in the 21st century. <i>Forest Ecology and Management</i> , 2013, 294, 54-61.	1.4	534
11	Correlations between forest fires in British Columbia, Canada, and sea surface temperature of the Pacific Ocean. <i>Ecological Modelling</i> , 2010, 221, 122-129.	1.2	18
12	Impacts of climate change on fire activity and fire management in the circumboreal forest. <i>Global Change Biology</i> , 2009, 15, 549-560.	4.2	559
13	Assessing the response of area burned to changing climate in western boreal North America using a Multivariate Adaptive Regression Splines (MARS) approach. <i>Global Change Biology</i> , 2009, 15, 578-600.	4.2	340
14	Effects of climate on occurrence and size of large fires in a northern hardwood landscape: historical trends, forecasts, and implications for climate change in Québec. <i>Applied Vegetation Science</i> , 2009, 12, 261-272.	0.9	20
15	Fire and the relative roles of weather, climate and landscape characteristics in the Great Lakes-St. Lawrence forest of Canada. <i>Journal of Vegetation Science</i> , 2008, 19, 57-66.	1.1	35
16	Can forest management based on natural disturbances maintain ecological resilience?. <i>Canadian Journal of Forest Research</i> , 2006, 36, 2285-2299.	0.8	338
17	Past, current, and future fire frequencies in Quebec's commercial forests: implications for the cumulative effects of harvesting and fire on age-class structure and natural disturbance-based management. <i>Canadian Journal of Forest Research</i> , 2006, 36, 2737-2744.	0.8	141
18	Wildfires threaten mercury stocks in northern soils. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	95

#	ARTICLE	IF	CITATIONS
19	The adaptive capacity of forest management to changing fire regimes in the boreal forest of Quebec. <i>Forestry Chronicle</i> , 2005, 81, 582-592.	0.5	29
20	Past, Current and Future Fire Frequency in the Canadian Boreal Forest: Implications for Sustainable Forest Management. <i>Ambio</i> , 2004, 33, 356-360.	2.8	163
21	FIRE REGIMES AT THE TRANSITION BETWEEN MIXEDWOOD AND CONIFEROUS BOREAL FOREST IN NORTHWESTERN QUEBEC. <i>Ecology</i> , 2004, 85, 1916-1932.	1.5	378
22	Fire Regimes and Climatic Change in Canadian Forests. , 2003, , 97-119.		16
23	Role of vegetation and weather on fire behavior in the Canadian mixedwood boreal forest using two fire behavior prediction systems. <i>Canadian Journal of Forest Research</i> , 2001, 31, 430-441.	0.8	148
24	Future fire in Canada's boreal forest: paleoecology results and general circulation model - regional climate model simulations. <i>Canadian Journal of Forest Research</i> , 2001, 31, 854-864.	0.8	169
25	Developing a two-level fire regime zonation system for Canada. <i>Canadian Journal of Forest Research</i> , 0, , 259-273.	0.8	16