

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	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
2	Global wildland fire season severity in the 21st century. <i>Forest Ecology and Management</i> , 2013, 294, 54-61.	1.4	534
3	Vegetation fires in the Anthropocene. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 500-515.	12.2	419
4	FIRE REGIMES AT THE TRANSITION BETWEEN MIXEDWOOD AND CONIFEROUS BOREAL FOREST IN NORTHWESTERN QUEBEC. <i>Ecology</i> , 2004, 85, 1916-1932.	1.5	378
5	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
6	Can forest management based on natural disturbances maintain ecological resilience?. <i>Canadian Journal of Forest Research</i> , 2006, 36, 2285-2299.	0.8	338
7	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
8	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
9	The Science of Firescapes: Achieving Fire-Resilient Communities. <i>BioScience</i> , 2016, 66, 130-146.	2.2	157
10	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
11	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
12	Wildfire smoke and public health risk. <i>International Journal of Wildland Fire</i> , 2015, 24, 1029.	1.0	96
13	Wildfires threaten mercury stocks in northern soils. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	95
14	Boreal fire records in Northern Hemisphere ice cores: a review. <i>Climate of the Past</i> , 2016, 12, 2033-2059.	1.3	70
15	Fire and the relative roles of weather, climate and landscape characteristics in the Great Lakes's St. Lawrence forest of Canada. <i>Journal of Vegetation Science</i> , 2008, 19, 57-66.	1.1	35
16	Anthropogenic influence on wildfire activity in Alberta, Canada. <i>International Journal of Wildland Fire</i> , 2016, 25, 1131.	1.0	33
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Effects of climate on occurrence and size of large fires in a northern hardwood landscape: historical trends, forecasts, and implications for climate change in TÅ©miscamingue, QuÅ©bec. Applied Vegetation Science, 2009, 12, 261-272.	0.9	20
20	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. Environmental Reviews, 2016, 24, 233-243.	2.1	19
21	Correlations between forest fires in British Columbia, Canada, and sea surface temperature of the Pacific Ocean. Ecological Modelling, 2010, 221, 122-129.	1.2	18
22	Fire Regimes and Climatic Change in Canadian Forests. , 2003, , 97-119.		16
23	Developing a two-level fire regime zonation system for Canada. Canadian Journal of Forest Research, 0, , 259-273.	0.8	16
24	Increased deep soil respiration detected despite reduced overall respiration in permafrost peat plateaus following wildfire. Environmental Research Letters, 2019, 14, 125001.	2.2	12
25	Downscaling fire weather extremes from historical and projected climate models. Climatic Change, 2020, 163, 189-216.	1.7	9