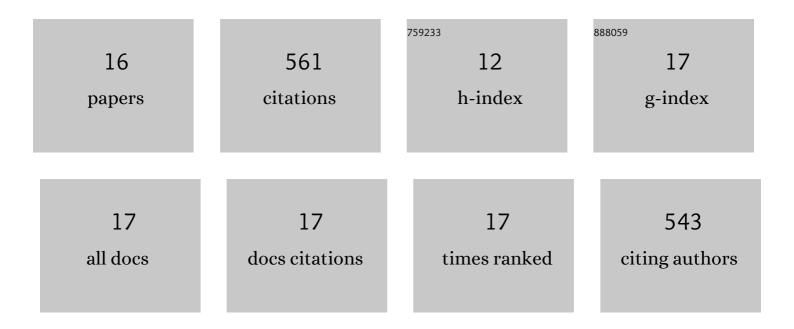
Bret W Butler

List of Publications by Year in descending order

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RDFT W RIITIFD

#	Article	IF	CITATIONS
1	Downscaling surface wind predictions from numerical weather prediction models in complex terrain with WindNinja. Atmospheric Chemistry and Physics, 2016, 16, 5229-5241.	4.9	94
2	A comparison of three approaches for simulating fine-scale surface winds in support of wildland fire management. Part I. Model formulation and comparison against measurements. International Journal of Wildland Fire, 2014, 23, 969.	2.4	90
3	Predicting the ignition of crown fuels above a spreading surface fire. Part I: model idealization. International Journal of Wildland Fire, 2006, 15, 47.	2.4	60
4	Tree Injury and Mortality in Fires: Developing Process-Based Models. Fire Ecology, 2010, 6, 55-79.	3.0	50
5	Prediction and measurement of thermally induced cambial tissue necrosis in tree stems. International Journal of Wildland Fire, 2006, 15, 3.	2.4	42
6	A comparison of three approaches for simulating fine-scale surface winds in support of wildland fire management. Part II. An exploratory study of the effect of simulated winds on fire growth simulations. International Journal of Wildland Fire, 2014, 23, 982.	2.4	37
7	Severe Fire Danger Index: A Forecastable Metric to Inform Firefighter and Community Wildfire Risk Management. Fire, 2019, 2, 47.	2.8	37
8	Predicting the ignition of crown fuels above a spreading surface fire. Part II: model evaluation. International Journal of Wildland Fire, 2006, 15, 61.	2.4	35
9	FireStem2D – A Two-Dimensional Heat Transfer Model for Simulating Tree Stem Injury in Fires. PLoS ONE, 2013, 8, e70110.	2.5	23
10	Flame interactions and burning characteristics of two live leaf samples. International Journal of Wildland Fire, 2009, 18, 865.	2.4	20
11	An Evaluation of NDFD Weather Forecasts for Wildland Fire Behavior Prediction. Weather and Forecasting, 2018, 33, 301-315.	1.4	17
12	A review of US wildland firefighter entrapments: trends, important environmental factors and research needs. International Journal of Wildland Fire, 2019, 28, 551.	2.4	14
13	Development and Evaluation of a Reynolds-Averaged Navier–Stokes Solver in WindNinja for Operational Wildland Fire Applications. Atmosphere, 2019, 10, 672.	2.3	13
14	An analysis of spotting distances during the 2017 fire season in the Northern Rockies, USA. Canadian Journal of Forest Research, 2019, 49, 317-325.	1.7	12
15	Fine Fuel Heating by Radiant Flux. Combustion Science and Technology, 2010, 182, 215-230.	2.3	8
16	Inferring energy incident on sensors in low-intensity surface fires from remotely sensed radiation and using it to predict tree stem injury. International Journal of Wildland Fire, 2019, 28, 230.	2.4	3