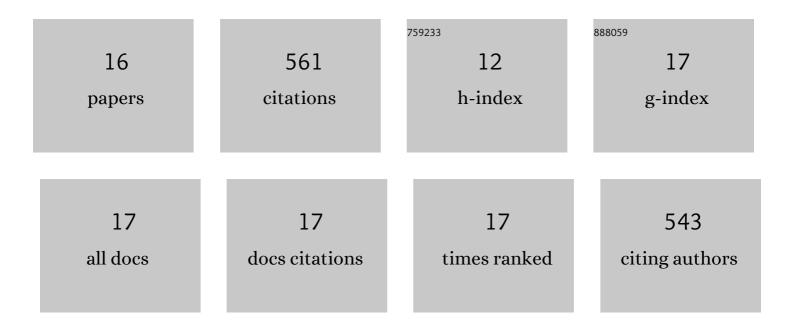
## Bret W Butler

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10888839/publications.pdf Version: 2024-02-01



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#	Article	IF	CITATIONS
1	Severe Fire Danger Index: A Forecastable Metric to Inform Firefighter and Community Wildfire Risk Management. Fire, 2019, 2, 47.	2.8	37
2	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
3	Development and Evaluation of a Reynolds-Averaged Navier–Stokes Solver in WindNinja for Operational Wildland Fire Applications. Atmosphere, 2019, 10, 672.	2.3	13
4	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
5	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
6	An Evaluation of NDFD Weather Forecasts for Wildland Fire Behavior Prediction. Weather and Forecasting, 2018, 33, 301-315.	1.4	17
7	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
8	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
9	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
10	FireStem2D – A Two-Dimensional Heat Transfer Model for Simulating Tree Stem Injury in Fires. PLoS ONE, 2013, 8, e70110.	2.5	23
11	Tree Injury and Mortality in Fires: Developing Process-Based Models. Fire Ecology, 2010, 6, 55-79.	3.0	50
12	Fine Fuel Heating by Radiant Flux. Combustion Science and Technology, 2010, 182, 215-230.	2.3	8
13	Flame interactions and burning characteristics of two live leaf samples. International Journal of Wildland Fire, 2009, 18, 865.	2.4	20
14	Prediction and measurement of thermally induced cambial tissue necrosis in tree stems. International Journal of Wildland Fire, 2006, 15, 3.	2.4	42
15	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
16	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