Karin L Riley

List of Publications by Year
in descending order

15 papers	847 citations	840119 11 h-index	940134 16 g-index
20 all docs	20 docs citations	20 times ranked	946 citing authors

#	Article	IF	Citations
1	A simulation of probabilistic wildfire risk components for the continental United States. Stochastic Environmental Research and Risk Assessment, 2011, 25, 973-1000.	1.9	315
2	The relationship of large fire occurrence with drought and fire danger indices in the western USA, 1984–2008: the role of temporal scale. International Journal of Wildland Fire, 2013, 22, 894.	1.0	115
3	Wildland fire emissions, carbon, and climate: Seeing the forest and the trees – A cross-scale assessment of wildfire and carbon dynamics in fire-prone, forested ecosystems. Forest Ecology and Management, 2014, 317, 9-19.	1.4	77
4	Mid–21st–century climate changes increase predicted fire occurrence and fire season length, Northern Rocky Mountains, United States. Ecosphere, 2016, 7, e01543.	1.0	56
5	Frequency–magnitude distribution of debris flows compiled from global data, and comparison with post-fire debris flows in the western U.S.. Geomorphology, 2013, 191, 118-128.	1.1	41
6	Modeling Fuel Treatment Leverage: Encounter Rates, Risk Reduction, and Suppression Cost Impacts. Forests, 2017, 8, 469.	0.9	38
7	A Model-Based Framework to Evaluate Alternative Wildfire Suppression Strategies. Resources, 2018, 7, 4.	1.6	36
8	Mapping forest vegetation for the western United States using modified random forests imputation of <scp>FIA</scp> forest plots. Ecosphere, 2016, 7, e01472.	1.0	26
9	Near-term probabilistic forecast of significant wildfire events for the Western United States. International Journal of Wildland Fire, 2016, 25, 1169.	1.0	22
10	Will Landscape Fire Increase in the Future? A Systems Approach to Climate, Fire, Fuel, and Human Drivers. Current Pollution Reports, 2019, 5, 9-24.	3.1	22
11	TreeMap, a tree-level model of conterminous US forests circa 2014 produced by imputation of FIA plot data. Scientific Data, 2021, 8, 11.	2.4	16
12	Evaluating rural Pacific Northwest towns for wildfire evacuation vulnerability. Natural Hazards, 2021, 107, 911-935.	1.6	10
13	A Framework for Assessing Global Change Risks to Forest Carbon Stocks in the United States. PLoS ONE, 2013, 8, e73222.	1.1	8
14	Commentary on the article "Burn probability simulation and subsequent wildland fire activity in Alberta, Canada – Implications for risk assessment and strategic planning" by J.L. Beverly and N. McLoughlin. Forest Ecology and Management, 2020, 460, 117698.	1.4	4
15	Spatial heterogeneity of winds during Santa Ana and non-Santa Ana wildfires in Southern California with implications for fire risk modeling. Heliyon, 2020, 6, e04159.	1.4	4