Sarah Boon

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11088379/publications.pdf

Version: 2024-02-01

23	937	516710 16	677142 22
papers	citations	h-index	g-index

23	23	23	1283
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Near-Surface Temperature Lapse Rates over Arctic Glaciers and Their Implications for Temperature Downscaling. Journal of Climate, 2009, 22, 4281-4298.	3.2	138
2	Snow ablation energy balance in a dead forest stand. Hydrological Processes, 2009, 23, 2600-2610.	2.6	88
3	Snowmelt energy balance in a burned forest plot, Crowsnest Pass, Alberta, Canada. Hydrological Processes, 2011, 25, 3012-3029.	2.6	81
4	Wildfire impacts on nitrogen concentration and production from headwater streams in southern Albertaâ€™s Rocky Mountains. Canadian Journal of Forest Research, 2008, 38, 2359-2371.	1.7	75
5	Fiveâ€year legacy of wildfire and salvage logging impacts on nutrient runoff and aquatic plant, invertebrate, and fish productivity. Ecohydrology, 2014, 7, 1508-1523.	2.4	67
6	Subglacial drainage processes at a High Arctic polythermal valley glacier. Journal of Glaciology, 2005, 51, 15-24.	2.2	56
7	Snow accumulation following forest disturbance. Ecohydrology, 2012, 5, 279-285.	2.4	55
8	Assessing the effects of postâ€pine beetle forest litter on snow albedo. Hydrological Processes, 2010, 24, 803-812.	2.6	51
9	The influence of ground- and lidar-derived forest structure metrics on snow accumulation and ablation in disturbed forests. Canadian Journal of Forest Research, 2010, 40, 812-821.	1.7	47
10	Comparison of the SnowHydro snow sampler with existing snow tube designs. Hydrological Processes, 2012, 26, 2555-2562.	2.6	39
11	Catchment-scale stream temperature response to land disturbance by wildfire governed by surfaceâ€“subsurface energy exchange and atmospheric controls. Journal of Hydrology, 2014, 517, 328-338.	5.4	36
12	Streamflow response to clearâ€cut logging on British Columbia's Okanagan Plateau. Ecohydrology, 2017, 10, e1836.	2.4	33
13	Snow accumulation and ablation response to changes in forest structure and snow surface albedo after attack by mountain pine beetle. Hydrological Processes, 2014, 28, 197-209.	2.6	32
14	Assessing differences in tree and stand structure following beetle infestation using lidar data. Canadian Journal of Remote Sensing, 2009, 35, 497-508.	2.4	27
15	A comparison of surface and subsurface controls on summer temperature in a headwater stream. Hydrological Processes, 2014, 28, 2338-2347.	2.6	26
16	Modelling the Potential Impacts of Climate Change on Snowpack in the North Saskatchewan River Watershed, Alberta. Water Resources Management, 2012, 26, 3053-3076.	3.9	23
17	Impact of an extreme melt event on the runoff and hydrology of a high Arctic glacier. Hydrological Processes, 2003, 17, 1051-1072.	2.6	18
18	Forest disturbance effects on snow and water yield in interior British Columbia. Hydrology Research, 2015, 46, 521-532.	2.7	15

#	Article	IF	Citations
19	Watershed-scale controls on snow accumulation in a small montane watershed, southwestern Alberta, Canada. Hydrological Processes, 2014, 28, 1294-1306.	2.6	13
20	ZeroFlow: A PUB (Prediction in Ungauged Basins) Workshop on Temporary Streams Summary of Workshop Discussions and Future Directions. Canadian Water Resources Journal, 2012, 37, 425-431.	1.2	9
21	Forest structure without ground data: Adaptive Full-Blind Multiple Forward-Mode reflectance model inversion in a mountain pine beetle damaged forest. International Journal of Remote Sensing, 2010, 31, 2123-2128.	2.9	7
22	Canadian Glacier Hydrology, 2003-2007. Canadian Water Resources Journal, 2009, 34, 195-204.	1.2	1
23	Snow Hydrology. Encyclopedia of Earth Sciences Series, 2011, , 1053-1059.	0.1	0