William Lidberg

List of Publications by Year
in descending order

13 papers	**512** citations	933447 **10** h-index	1125743 **13** g-index
20 all docs	**20** docs citations	**20** times ranked	**789** citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating digital terrain indices for soil wetness mapping â€" a Swedish case study. Hydrology and Earth System Sciences, 2014, 18, 3623-3634.	4.9	114
2	Landscape process domains drive patterns of CO_2 evasion from river networks. Limnology and Oceanography Letters, 2019, 4, 87-95.	3.9	70
3	Mapping Temporal Dynamics in a Forest Stream Networkâ€"Implications for Riparian Forest Management. Forests, 2015, 6, 2982-3001.	2.1	64
4	Evaluating topographyâ€based predictions of shallow lateral groundwater discharge zones for a boreal lakeâ€stream system. Water Resources Research, 2017, 53, 5420-5437.	4.2	47
5	Evaluating preprocessing methods of digital elevation models for hydrological modelling. Hydrological Processes, 2017, 31, 4660-4668.	2.6	41
6	Using machine learning to generate high-resolution wet area maps for planning forest management: A study in a boreal forest landscape. Ambio, 2020, 49, 475-486.	5.5	39
7	Use of multiple LIDAR-derived digital terrain indices and machine learning for high-resolution national-scale soil moisture mapping of the Swedish forest landscape. Geoderma, 2021, 404, 115280.	5.1	39
8	Identifying and assessing the potential hydrological function of past artificial forest drainage. Ambio, 2018, 47, 546-556.	5.5	31
9	Evaluations of Climate and Land Management Effects on Lake Carbon Cycling Need to Account for Temporal Variability in CO_2 Concentrations. Global Biogeochemical Cycles, 2019, 33, 243-265.	4.9	28
10	GISâ€based prediction of stream chemistry using landscape composition, wet areas, and hydrological flow pathways. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 65-79.	3.0	17
11	The accuracy of drainage network delineation as a function of environmental factors: A case study in Central and Northern Sweden. Hydrological Processes, 2020, 34, 5489-5504.	2.6	7
12	Environmental footprint of small-scale, historical mining and metallurgy in the Swedish boreal forest landscape: The Moshyttan blast furnace as microcosm. Holocene, 2019, 29, 578-591.	1.7	4
13	Was Moshyttan the earliest iron blast furnace in Sweden? The sediment record as an archeological toolbox. Journal of Archaeological Science: Reports, 2016, 5, 35-44.	0.5	2