

# Sarah M Ludwig

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3771345/publications.pdf>

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9  
papers

498  
citations

1163117

8  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

1156  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Machine Learning to Predict Inland Aquatic CO <sub>2</sub> and CH <sub>4</sub> Concentrations and the Effects of Wildfires in the Yukon-Kuskokwim Delta, Alaska. <i>Global Biogeochemical Cycles</i> , 2022, 36, .	4.9	13
2	Tundra wildfire triggers sustained lateral nutrient loss in Alaskan Arctic. <i>Global Change Biology</i> , 2021, 27, 1408-1430.	9.5	29
3	Using radon to quantify groundwater discharge and methane fluxes to a shallow, tundra lake on the Yukon-Kuskokwim Delta, Alaska. <i>Biogeochemistry</i> , 2020, 148, 69-89.	3.5	29
4	Inference of the impact of wildfire on permafrost and active layer thickness in a discontinuous permafrost region using the remotely sensed active layer thickness (ReSALT) algorithm. <i>Environmental Research Letters</i> , 2019, 14, 035007.	5.2	64
5	Large loss of CO <sub>2</sub> in winter observed across the northern permafrost region. <i>Nature Climate Change</i> , 2019, 9, 852-857.	18.8	225
6	Impacts of increased soil burn severity on larch forest regeneration on permafrost soils of far northeastern Siberia. <i>Forest Ecology and Management</i> , 2018, 417, 144-153.	3.2	41
7	Fire severity effects on soil carbon and nutrients and microbial processes in a Siberian larch forest. <i>Global Change Biology</i> , 2018, 24, 5841-5852.	9.5	55
8	Retention and removal of nitrogen and phosphorus in saturated soils of arctic hillslopes. <i>Biogeochemistry</i> , 2016, 127, 291-304.	3.5	34
9	Patterns of Potential Methanogenesis Along Soil Moisture Gradients Following Drying and Rewetting in Midwestern Prairie Pothole Wetlands. <i>Wetlands</i> , 2015, 35, 633-640.	1.5	8