

# Clifford Voss

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/441849/publications.pdf>

Version: 2024-02-01

10  
papers

615  
citations

1040056

9  
h-index

1474206

9  
g-index

18  
all docs

18  
docs citations

18  
times ranked

828  
citing authors

#	ARTICLE	IF	CITATIONS
1	Most atolls will be uninhabitable by the mid-21st century because of sea-level rise exacerbating wave-driven flooding. <i>Science Advances</i> , 2018, 4, eaap9741.	10.3	279
2	Groundwater flow and heat transport for systems undergoing freeze-thaw: Intercomparison of numerical simulators for 2D test cases. <i>Advances in Water Resources</i> , 2018, 114, 196-218.	3.8	91
3	Development of perennial thaw zones in boreal hillslopes enhances potential mobilization of permafrost carbon. <i>Environmental Research Letters</i> , 2019, 14, 015003.	5.2	56
4	Surface energy balance of sub-Arctic roads with varying snow regimes and properties in permafrost regions. <i>Permafrost and Periglacial Processes</i> , 2021, 32, 681-701.	3.4	40
5	Simulating water and heat transport with freezing and cryosuction in unsaturated soil: Comparing an empirical, semi-empirical and physically-based approach. <i>Advances in Water Resources</i> , 2021, 149, 103846.	3.8	27
6	Water Tracks Enhance Water Flow Above Permafrost in Upland Arctic Alaska Hillslopes. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2019JF005256.	2.8	23
7	Wildfire-Initiated Talik Development Exceeds Current Thaw Projections: Observations and Models From Alaska's Continuous Permafrost Zone. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087565.	4.0	20
8	Hydrology of a Perennial Firn Aquifer in Southeast Greenland: An Overview Driven by Field Data. <i>Water Resources Research</i> , 2020, 56, e2019WR026348.	4.2	18
9	The role of uplift and erosion in the persistence of saline groundwater in the shallow subsurface. <i>Geophysical Research Letters</i> , 2017, 44, 3672-3681.	4.0	11
10	Editor's Message: The 2021 Editor's Choice articles. <i>Hydrogeology Journal</i> , 2022, 30, 1-2.	2.1	0