

# Anne GÃdeke

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

668  
citations

840776

11  
h-index

888059

17  
g-index

27  
all docs

27  
docs citations

27  
times ranked

884  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global terrestrial water storage and drought severity under climate change. <i>Nature Climate Change</i> , 2021, 11, 226-233.	18.8	345
2	Understanding each other's models: an introduction and a standard representation of 16 global water models to support intercomparison, improvement, and communication. <i>Geoscientific Model Development</i> , 2021, 14, 3843-3878.	3.6	41
3	Glacierized headwater streams as aquifer recharge corridors, subarctic Alaska. <i>Geophysical Research Letters</i> , 2017, 44, 6876-6885.	4.0	40
4	Analysis of uncertainties in the hydrological response of a model-based climate change impact assessment in a subcatchment of the Spree River, Germany. <i>Hydrological Processes</i> , 2014, 28, 3978-3998.	2.6	38
5	Pronounced and unavoidable impacts of low-end global warming on northern high-latitude land ecosystems. <i>Environmental Research Letters</i> , 2020, 15, 044006.	5.2	25
6	Ice roads through lake-rich Arctic watersheds: Integrating climate uncertainty and freshwater habitat responses into adaptive management. <i>Arctic, Antarctic, and Alpine Research</i> , 2019, 51, 9-23.	1.1	22
7	Connecting global- and local-scale flood risk assessment: a case study of the Rhine River basin flood hazard. <i>Journal of Flood Risk Management</i> , 2016, 9, 343-354.	3.3	21
8	Climate change reduces winter overland travel across the Pan-Arctic even under low-end global warming scenarios. <i>Environmental Research Letters</i> , 2021, 16, 024049.	5.2	20
9	A lake-centric geospatial database to guide research and inform management decisions in an Arctic watershed in northern Alaska experiencing climate and land-use changes. <i>Ambio</i> , 2017, 46, 769-786.	5.5	19
10	Performance evaluation of global hydrological models in six large Pan-Arctic watersheds. <i>Climatic Change</i> , 2020, 163, 1329-1351.	3.6	19
11	One simulation, different conclusions – the baseline period makes the difference!. <i>Environmental Research Letters</i> , 2020, 15, 104014.	5.2	16
12	The Polar WRF Downscaled Historical and Projected Twenty-First Century Climate for the Coast and Foothills of Arctic Alaska. <i>Frontiers in Earth Science</i> , 0, 5, .	1.8	13
13	Sensitivity of ecosystem-protected permafrost under changing boreal forest structures. <i>Environmental Research Letters</i> , 2021, 16, 084045.	5.2	11
14	Saturation of Global Terrestrial Carbon Sink Under a High Warming Scenario. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006800.	4.9	11
15	Trend analysis for integrated regional climate change impact assessments in the Lusatian river catchments (north-eastern Germany). <i>Regional Environmental Change</i> , 2017, 17, 1751-1762.	2.9	8
16	Potential impacts of climate change and regional anthropogenic activities in Central European mesoscale catchments. <i>Hydrological Sciences Journal</i> , 2014, , 141217125340005.	2.6	6
17	Impact of dumped sediment structures on hydrological modelling in the artificial Chicken Creek catchment, Germany. <i>Journal of Hydrology</i> , 2013, 477, 189-202.	5.4	4
18	Management Influences on Stream-Flow Variability in the Past and Under Potential Climate Change in a Central European Mining Region. <i>Water Resources Management</i> , 2019, 33, 5191-5206.	3.9	3

#	ARTICLE	IF	CITATIONS
19	Potential impacts of climate change on natural and managed discharges of the Rivers Spree, Schwarze Elster and Lusatian Neisse, Central Europe. WIT Transactions on Ecology and the Environment, 2013, , .	0.0	0
20	Modeled streamflow response to scenarios of tundra lake water withdrawal and seasonal climate extremes, Arctic Coastal Plain, Alaska. Water Resources Research, 0, , .	4.2	0