

Amy Hansen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5340403/publications.pdf>

Version: 2024-02-01

21
papers

629
citations

759233

12
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

1069
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting algal blooms: Are we overlooking groundwater?. Science of the Total Environment, 2021, 769, 144442.	8.0	35
2	Integrated assessment modeling reveals near-channel management as cost-effective to improve water quality in agricultural watersheds. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	27
3	Assessment of Climatic and Anthropogenic Controls on Bridge Deck Drainage and Sediment Removal. Water (Switzerland), 2021, 13, 3556.	2.7	1
4	Adding our leaves: A community-wide perspective on research directions in ecohydrology. Hydrological Processes, 2020, 34, 1665-1673.	2.6	3
5	Data for wetlandscapes and their changes around the world. Earth System Science Data, 2020, 12, 1083-1100.	9.9	12
6	Phosphorus Transport in Intensively Managed Watersheds. Water Resources Research, 2019, 55, 9148-9172.	4.2	27
7	Quantifying cryptic function loss during community disassembly. Journal of Applied Ecology, 2019, 56, 2710-2722.	4.0	4
8	The Power of Environmental Observatories for Advancing Multidisciplinary Research, Outreach, and Decision Support: The Case of the Minnesota River Basin. Water Resources Research, 2019, 55, 3576-3592.	4.2	6
9	Priorities and Interactions of Sustainable Development Goals (SDGs) with Focus on Wetlands. Water (Switzerland), 2019, 11, 619.	2.7	75
10	Contribution of wetlands to nitrate removal at the watershed scale. Nature Geoscience, 2018, 11, 127-132.	12.9	166
11	Contextualizing Wetlands Within a River Network to Assess Nitrate Removal and Inform Watershed Management. Water Resources Research, 2018, 54, 1312-1337.	4.2	31
12	River network saturation concept: factors influencing the balance of biogeochemical supply and demand of river networks. Biogeochemistry, 2018, 141, 503-521.	3.5	96
13	High-Frequency Sensor Data Reveal Across-Scale Nitrate Dynamics in Response to Hydrology and Biogeochemistry in Intensively Managed Agricultural Basins. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 2168-2182.	3.0	15
14	The St. Anthony Falls Laboratory: 80 Years of Progress Part 2A Transition to Environmental Research. , 2018, , .		0
15	Flow-related dynamics in suspended algal biomass and its contribution to suspended particulate matter in an agricultural river network of the Minnesota River Basin, USA. Hydrobiologia, 2017, 785, 127-147.	2.0	18
16	Large eddy simulation of turbulence and solute transport in a forested headwater stream. Journal of Geophysical Research F: Earth Surface, 2016, 121, 146-167.	2.8	32
17	Coupling freshwater mussel ecology and river dynamics using a simplified dynamic interaction model. Freshwater Science, 2016, 35, 200-215.	1.8	26
18	Do wetlands enhance downstream denitrification in agricultural landscapes?. Ecosphere, 2016, 7, e01516.	2.2	31

#	ARTICLE	IF	CITATIONS
19	Do wetlands enhance downstream denitrification in agricultural landscapes?. , 2016, 7, e01516.		1
20	Microscale measurements reveal contrasting effects of photosynthesis and epiphytes on frictional drag on the surfaces of filamentous algae. <i>Freshwater Biology</i> , 2014, 59, 312-324.	2.4	9
21	Uptake of dissolved nickel by <i>Elodea canadensis</i> and epiphytes influenced by fluid flow conditions. <i>Hydrobiologia</i> , 2011, 658, 127-138.	2.0	11