

# Jacob S Diamond

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4977448/publications.pdf>

Version: 2024-02-01

15  
papers

285  
citations

840776

11  
h-index

996975

15  
g-index

30  
all docs

30  
docs citations

30  
times ranked

302  
citing authors

#	ARTICLE	IF	CITATIONS
1	Complex patterns of catchment solute discharge relationships for coastal plain rivers. <i>Hydrological Processes</i> , 2018, 32, 388-401.	2.6	46
2	Thermal signatures identify the influence of dams and ponds on stream temperature at the regional scale. <i>Science of the Total Environment</i> , 2021, 766, 142667.	8.0	28
3	Forested versus herbaceous wetlands: Can management mitigate ecohydrologic regime shifts from invasive emerald ash borer?. <i>Journal of Environmental Management</i> , 2018, 222, 436-446.	7.8	27
4	Small dams alter thermal regimes of downstream water. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 4509-4525.	4.9	27
5	Microtopography is a fundamental organizing structure of vegetation and soil chemistry in black ash wetlands. <i>Biogeosciences</i> , 2020, 17, 901-915.	3.3	25
6	Quantifying wetland microtopography with terrestrial laser scanning. <i>Remote Sensing of Environment</i> , 2019, 232, 111271.	11.0	22
7	Wetland Connectivity Thresholds and Flow Dynamics From Stage Measurements. <i>Water Resources Research</i> , 2019, 55, 6018-6032.	4.2	19
8	Pattern and structure of microtopography implies autogenic origins in forested wetlands. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 5069-5088.	4.9	18
9	Regional, multi-decadal analysis on the Loire River basin reveals that stream temperature increases faster than air temperature. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 2583-2603.	4.9	16
10	A little relief: Ecological functions and autogenesis of wetland microtopography. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, .	6.5	14
11	Metabolic regime shifts and ecosystem state changes are decoupled in a large river. <i>Limnology and Oceanography</i> , 2022, 67, .	3.1	13
12	Stream network variation in dissolved oxygen: Metabolism proxies and biogeochemical controls. <i>Ecological Indicators</i> , 2021, 131, 108233.	6.3	9
13	Hydrologic variability in black ash wetlands: Implications for vulnerability to emerald ash borer. <i>Hydrological Processes</i> , 2021, 35, e14014.	2.6	8
14	Large spatiotemporal variability in metabolic regimes for an urban stream draining four wastewater treatment plants with implications for dissolved oxygen monitoring. <i>PLoS ONE</i> , 2021, 16, e0256292.	2.5	7
15	Spatial extrapolation of stream thermal peaks using heterogeneous time series at a national scale. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 3477-3495.	4.9	4