

Stacey A Archfield

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6707669/publications.pdf>

Version: 2024-02-01

22
papers

1,975
citations

471509

17
h-index

677142

22
g-index

40
all docs

40
docs citations

40
times ranked

2396
citing authors

#	ARTICLE	IF	CITATIONS
1	Weighted Regressions on Time, Discharge, and Season (WRTDS), with an Application to Chesapeake Bay River Inputs ¹ . <i>Journal of the American Water Resources Association</i> , 2010, 46, 857-880.	2.4	359
2	Relations among storage, yield, and instream flow. <i>Water Resources Research</i> , 2007, 43, .	4.2	205
3	A bootstrap method for estimating uncertainty of water quality trends. <i>Environmental Modelling and Software</i> , 2015, 73, 148-166.	4.5	129
4	Fragmented patterns of flood change across the United States. <i>Geophysical Research Letters</i> , 2016, 43, 10232-10239.	4.0	123
5	Map correlation method: Selection of a reference streamgage to estimate daily streamflow at ungauged catchments. <i>Water Resources Research</i> , 2010, 46, .	4.2	120
6	Accelerating advances in continental domain hydrologic modeling. <i>Water Resources Research</i> , 2015, 51, 10078-10091.	4.2	102
7	Not higher but more often. <i>Nature Climate Change</i> , 2015, 5, 198-199.	18.8	98
8	Urban base flow with low impact development. <i>Hydrological Processes</i> , 2016, 30, 3156-3171.	2.6	84
9	Global Changes in 20â€¢Year, 50â€¢Year, and 100â€¢Year River Floods. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091824.	4.0	66
10	On the probability distribution of daily streamflow in the United States. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 3093-3103.	4.9	61
11	Causal Effect of Impervious Cover on Annual Flood Magnitude for the United States. <i>Geophysical Research Letters</i> , 2020, 47, no.	4.0	55
12	Topological and canonical kriging for design flood prediction in ungauged catchments: an improvement over a traditional regional regression approach?. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 1575-1588.	4.9	42
13	The approaching obsolescence of 137Cs dating of wetland soils in North America. <i>Quaternary Science Reviews</i> , 2018, 199, 83-96.	3.0	40
14	Use of flow-normalization to evaluate nutrient concentration and flux changes in Lake Champlain tributaries, 1990â€¢2009. <i>Journal of Great Lakes Research</i> , 2012, 38, 58-67.	1.9	37
15	Regional flow duration curves: Geostatistical techniques versus multivariate regression. <i>Advances in Water Resources</i> , 2016, 96, 11-22.	3.8	35
16	Towards a publicly available, map-based regional software tool to estimate unregulated daily streamflow at ungauged rivers. <i>Geoscientific Model Development</i> , 2013, 6, 101-115.	3.6	21
17	HESS Opinions: Beyond the long-term water balance: evolving Budyko's supplyâ€¢demand framework for the Anthropocene towards a global synthesis of land-surface fluxes under natural and human-altered watersheds. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 1975-1984.	4.9	20
18	Panel regressions to estimate lowâ€¢flow response to rainfall variability in ungauged basins. <i>Water Resources Research</i> , 2016, 52, 9470-9494.	4.2	18

#	ARTICLE	IF	CITATIONS
19	Updating estimates of low-streamflow statistics to account for possible trends. Hydrological Sciences Journal, 2019, 64, 1404-1414.	2.6	12
20	Monthly river temperature trends across the US confound annual changes. Environmental Research Letters, 2021, 16, 104006.	5.2	10
21	The Occurrence of Large Floods in the United States in the Modern Hydroclimate Regime: Seasonality, Trends, and Large-scale Climate Associations. Water Resources Research, 2022, 58, .	4.2	8
22	Spatial and Temporal Patterns of Low Streamflow and Precipitation Changes in the Chesapeake Bay Watershed. Journal of the American Water Resources Association, 2021, 57, 96-108.	2.4	7