

Stacey A Archfield

List of Publications by Year in descending order

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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	The Occurrence of Large Floods in the United States in the Modern Hydroclimate Regime: Seasonality, Trends, and Large-scale Climate Associations. <i>Water Resources Research</i> , 2022, 58, .	4.2	8
2	Spatial and Temporal Patterns of Low Streamflow and Precipitation Changes in the Chesapeake Bay Watershed. <i>Journal of the American Water Resources Association</i> , 2021, 57, 96-108.	2.4	7
3	Global Changes in 20-year, 50-year, and 100-year River Floods. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091824.	4.0	66
4	Monthly river temperature trends across the US confound annual changes. <i>Environmental Research Letters</i> , 2021, 16, 104006.	5.2	10
5	HESS Opinions: Beyond the long-term water balance: evolving Budyko's supply-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
6	Causal Effect of Impervious Cover on Annual Flood Magnitude for the United States. <i>Geophysical Research Letters</i> , 2020, 47, no.	4.0	55
7	Updating estimates of low-streamflow statistics to account for possible trends. <i>Hydrological Sciences Journal</i> , 2019, 64, 1404-1414.	2.6	12
8	The approaching obsolescence of 137Cs dating of wetland soils in North America. <i>Quaternary Science Reviews</i> , 2018, 199, 83-96.	3.0	40
9	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
10	Urban base flow with low impact development. <i>Hydrological Processes</i> , 2016, 30, 3156-3171.	2.6	84
11	Fragmented patterns of flood change across the United States. <i>Geophysical Research Letters</i> , 2016, 43, 10232-10239.	4.0	123
12	Panel regressions to estimate low-flow response to rainfall variability in ungaged basins. <i>Water Resources Research</i> , 2016, 52, 9470-9494.	4.2	18
13	Regional flow duration curves: Geostatistical techniques versus multivariate regression. <i>Advances in Water Resources</i> , 2016, 96, 11-22.	3.8	35
14	Accelerating advances in continental domain hydrologic modeling. <i>Water Resources Research</i> , 2015, 51, 10078-10091.	4.2	102
15	Not higher but more often. <i>Nature Climate Change</i> , 2015, 5, 198-199.	18.8	98
16	A bootstrap method for estimating uncertainty of water quality trends. <i>Environmental Modelling and Software</i> , 2015, 73, 148-166.	4.5	129
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Use of flow-normalization to evaluate nutrient concentration and flux changes in Lake Champlain tributaries, 1990–2009. <i>Journal of Great Lakes Research</i> , 2012, 38, 58-67.	1.9	37
20	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
21	Map correlation method: Selection of a reference streamgage to estimate daily streamflow at ungaged catchments. <i>Water Resources Research</i> , 2010, 46, .	4.2	120
22	Relations among storage, yield, and instream flow. <i>Water Resources Research</i> , 2007, 43, .	4.2	205