

Cliff R Hupp

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,849
citations

430874

18
h-index

642732

23
g-index

35
all docs

35
docs citations

35
times ranked

1569
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrology, geomorphology and vegetation of Coastal Plain rivers in the south-eastern USA. <i>Hydrological Processes</i> , 2000, 14, 2991-3010.	2.6	215
2	CARBON, NITROGEN, AND PHOSPHORUS ACCUMULATION IN FLOODPLAINS OF ATLANTIC COASTAL PLAIN RIVERS, USA. , 2005, 15, 1178-1190.		187
3	Retention of Riverine Sediment and Nutrient Loads by Coastal Plain Floodplains. <i>Ecosystems</i> , 2009, 12, 728-746.	3.4	145
4	Temporal and spatial patterns of wetland sedimentation, West Tennessee. <i>Journal of Hydrology</i> , 1993, 141, 179-196.	5.4	111
5	Floodplain geomorphic processes and environmental impacts of human alteration along Coastal Plain rivers, USA. <i>Wetlands</i> , 2009, 29, 413-429.	1.5	106
6	The effect of increasing salinity and forest mortality on soil nitrogen and phosphorus mineralization in tidal freshwater forested wetlands. <i>Biogeochemistry</i> , 2013, 114, 225-244.	3.5	93
7	The Role of the Upper Tidal Estuary in Wetland Blue Carbon Storage and Flux. <i>Global Biogeochemical Cycles</i> , 2018, 32, 817-839.	4.9	91
8	Recent sedimentation patterns within the central Atchafalaya Basin, Louisiana. <i>Wetlands</i> , 2008, 28, 125-140.	1.5	82
9	Recent and historic sediment dynamics along Difficult Run, a suburban Virginia Piedmont stream. <i>Geomorphology</i> , 2013, 180-181, 156-169.	2.6	71
10	Large wood budget and transport dynamics on a large river using radio telemetry. <i>Earth Surface Processes and Landforms</i> , 2014, 39, 487-498.	2.5	71
11	Sediment dynamics and implications for management: State of the science from long-term research in the Chesapeake Bay watershed, USA. <i>Wiley Interdisciplinary Reviews: Water</i> , 2020, 7, e1454.	6.5	56
12	Characteristic length scales and time-averaged transport velocities of suspended sediment in the mid-Atlantic Region, USA. <i>Water Resources Research</i> , 2014, 50, 790-805.	4.2	47
13	Sediment Accretion in Tidal Freshwater Forests and Oligohaline Marshes of the Waccamaw and Savannah Rivers, USA. <i>Estuaries and Coasts</i> , 2014, 37, 1107-1119.	2.2	44
14	Legacy Effects of Colonial Millponds on Floodplain Sedimentation, Bank Erosion, and Channel Morphology, Mid-Atlantic, USA. <i>Journal of the American Water Resources Association</i> , 2009, 45, 597-606.	2.4	42
15	A method to quantify and value floodplain sediment and nutrient retention ecosystem services. <i>Journal of Environmental Management</i> , 2018, 220, 65-76.	7.8	41
16	Contemporary Deposition and Long-Term Accumulation of Sediment and Nutrients by Tidal Freshwater Forested Wetlands Impacted by Sea Level Rise. <i>Estuaries and Coasts</i> , 2016, 39, 1006-1019.	2.2	36
17	Developing a new stream metric for comparing stream function using a bank floodplain sediment budget: a case study of three Piedmont streams. <i>Earth Surface Processes and Landforms</i> , 2013, 38, 771-784.	2.5	35
18	Distribution and characterization of in-channel large wood in relation to geomorphic patterns on a low-gradient river. <i>Earth Surface Processes and Landforms</i> , 2011, 36, 1137-1151.	2.5	34

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19	Sediment Trapping and Carbon Sequestration in Floodplains of the Lower Atchafalaya Basin, LA: Allochthonous Versus Autochthonous Carbon Sources. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 663-677.	3.0	30
20	Geomorphic adjustment to hydrologic modifications along a meandering river: Implications for surface flooding on a floodplain. <i>Geomorphology</i> , 2016, 269, 149-159.	2.6	20
21	Sediment, Nutrient, and Vegetation Trends Along the Tidal, Forested Pocomoke River, Maryland. , 2007, , 113-137.		20
22	Head-of-tide bottleneck of particulate material transport from watersheds to estuaries. <i>Geophysical Research Letters</i> , 2015, 42, 10,671.	4.0	18
23	Streambank and floodplain geomorphic change and contribution to watershed material budgets. <i>Environmental Research Letters</i> , 2022, 17, 064015.	5.2	13
24	Watershed and Estuarine Controls Both Influence Plant Community and Tree Growth Changes in Tidal Freshwater Forested Wetlands along Two U.S. Mid-Atlantic Rivers. <i>Forests</i> , 2021, 12, 1182.	2.1	11
25	Floodplain Trapping and Cycling Compared to Streambank Erosion of Sediment and Nutrients in an Agricultural Watershed. <i>Journal of the American Water Resources Association</i> , 2018, 54, 565-582.	2.4	9