

Matthew Hiatt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8943004/publications.pdf>

Version: 2024-02-01

13
papers

431
citations

1039880

9
h-index

1281743

11
g-index

15
all docs

15
docs citations

15
times ranked

511
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrological connectivity in river deltas: The first-order importance of channel-island exchange. <i>Water Resources Research</i> , 2015, 51, 2264-2282.	1.7	111
2	Hurricanes fertilize mangrove forests in the Gulf of Mexico (Florida Everglades, USA). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4831-4841.	3.3	61
3	Drivers and impacts of water level fluctuations in the Mississippi River delta: Implications for delta restoration. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 224, 117-137.	0.9	54
4	Impact of tidal currents on delta-channel deepening, stratigraphic architecture, and sediment bypass beyond the shoreline. <i>Geology</i> , 2016, 44, 927-930.	2.0	51
5	Channel-Island Connectivity Affects Water Exposure Time Distributions in a Coastal River Delta. <i>Water Resources Research</i> , 2018, 54, 2212-2232.	1.7	43
6	What Controls the Transition from Confined to Unconfined Flow? Analysis of Hydraulics in a Coastal River Delta. <i>Journal of Hydraulic Engineering</i> , 2017, 143, .	0.7	30
7	Hydrological Connectivity in Vegetated River Deltas: The Importance of Patchiness Below a Threshold. <i>Geophysical Research Letters</i> , 2018, 45, 10,416.	1.5	26
8	Effects of Shoal Margin Collapses on the Morphodynamics of a Sandy Estuary. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 195-215.	1.0	20
9	Geometry and Topology of Estuary and Braided River Channel Networks Automatically Extracted From Topographic Data. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2019JF005206.	1.0	15
10	Water Circulation Driven by Cold Fronts in the Wax Lake Delta (Louisiana, USA). <i>Journal of Marine Science and Engineering</i> , 2022, 10, 415.	1.2	7
11	Connectivity and directionality in estuarine channel networks. <i>Earth Surface Processes and Landforms</i> , 0, , .	1.2	6
12	Alluvial Connectivity in Multi-Channel Networks in Rivers and Estuaries. <i>Earth Surface Processes and Landforms</i> , 0, , .	1.2	5
13	Finite Element Model Updating of a PSC Box Girder Bridge Using Ambient Vibration Test. <i>Advanced Materials Research</i> , 2010, 168-170, 2263-2270.	0.3	2