

Austin Chadwick

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3617550/publications.pdf>

Version: 2024-02-01

15
papers

344
citations

1040056

9
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

221
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental river delta size set by multiple floods and backwater hydrodynamics. <i>Science Advances</i> , 2016, 2, e1501768.	10.3	72
2	Avulsion cycles and their stratigraphic signature on an experimental backwater-controlled delta. <i>Journal of Geophysical Research F: Earth Surface</i> , 2016, 121, 1651-1675.	2.8	56
3	Origin of a Preferential Avulsion Node on Lowland River Deltas. <i>Geophysical Research Letters</i> , 2019, 46, 4267-4277.	4.0	39
4	Accelerated river avulsion frequency on lowland deltas due to sea-level rise. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17584-17590.	7.1	38
5	Modeling Deltaic Lobe-Building Cycles and Channel Avulsions for the Yellow River Delta, China. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 2438-2462.	2.8	30
6	Autogenic Erosional Surfaces in Fluvio-deltaic Stratigraphy from Floods, Avulsions, and Backwater Hydrodynamics. <i>Journal of Sedimentary Research</i> , 2019, 89, 815-832.	1.6	29
7	Where rivers jump course. <i>Science</i> , 2022, 376, 987-990.	12.6	22
8	Organic carbon burial by river meandering partially offsets bank erosion carbon fluxes in a discontinuous permafrost floodplain. <i>Earth Surface Dynamics</i> , 2022, 10, 421-435.	2.4	12
9	Climate Change Controls on River Delta Avulsion Location and Frequency. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2020JF005950.	2.8	11
10	Flood Variability Determines the Location of Lobe-Scale Avulsions on Deltas: Madagascar. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088797.	4.0	10
11	Channel Migration in Experimental River Networks Mapped by Particle Image Velocimetry. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, e2021JF006300.	2.8	6
12	Reconstructing subsurface sandbody connectivity from temporal evolution of surface networks. <i>Basin Research</i> , 2022, 34, 1486-1506.	2.7	5
13	Effect of Sea-Level Change on River Avulsions and Stratigraphy for an Experimental Lowland Delta. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, .	2.8	5
14	Impact of River Channel Lateral Migration on Microbial Communities across a Discontinuous Permafrost Floodplain. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0133921.	3.1	3
15	Morphodynamic Modeling of River-Dominated Deltas: A Review and Future Perspectives. , 2022, , 110-140.		2