

Austin Chadwick

List of Publications by Year in descending order

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papers

344
citations

1040056

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1058476

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16
all docs

16
docs citations

16
times ranked

221
citing authors

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