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List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

418
citations

1163117

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1281871

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14
docs citations

14
times ranked

407
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution and sedimentology of a channel fill in the sandy braided South Saskatchewan River and its comparison to the deposits of an adjacent compound bar. <i>Sedimentology</i> , 2011, 58, 1860-1883.	3.1	99
2	Influence of superimposed bedforms and flow unsteadiness on formation of cross strata in dunes and unit bars. <i>Sedimentary Geology</i> , 2007, 202, 281-296.	2.1	85
3	Influence of bedform superimposition and flow unsteadiness on the formation of cross strata in dunes and unit bars – Part 2, further experiments. <i>Sedimentary Geology</i> , 2009, 222, 274-300.	2.1	61
4	Evidence of Bedform Superimposition and Flow Unsteadiness In Unit-Bar Deposits, South Saskatchewan River, Canada. <i>Journal of Sedimentary Research</i> , 2011, 81, 814-840.	1.6	46
5	The role of discharge variability in determining alluvial stratigraphy. <i>Geology</i> , 2016, 44, 3-6.	4.4	36
6	The adaptation of dunes to changes in river flow. <i>Earth-Science Reviews</i> , 2018, 185, 1065-1087.	9.1	35
7	The Impact of Nonequilibrium Flow on the Structure of Turbulence Over River Dunes. <i>Water Resources Research</i> , 2018, 54, 6566-6584.	4.2	16
8	Application of a roughness-length representation to parameterize energy loss in 3D numerical simulations of large rivers. <i>Water Resources Research</i> , 2012, 48, .	4.2	14
9	Can machine learning reveal sedimentological patterns in river deposits?. <i>Geological Society Special Publication</i> , 2019, 488, 221-235.	1.3	8
10	Linking the local vertical variability of permeability and porosity to newly-interpreted lithofacies in the lower Mt. Simon CO2 reservoir. <i>International Journal of Greenhouse Gas Control</i> , 2018, 68, 26-41.	4.6	3
11	Mean flow and turbulence structure over exposed roots on a forested floodplain: Insights from a controlled laboratory experiment. <i>PLoS ONE</i> , 2020, 15, e0229306.	2.5	3