

Victor Chavarrias

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

323
citations

1040056

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1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

262
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling morphodynamic development in the presence of immobile sediment. <i>Geomorphology</i> , 2022, 410, 108290.	2.6	1
2	A Large Bridge Pier in an Alluvial Channel: Local Scour versus Morphological Effects and the Role of Physical Models. <i>Journal of Hydraulic Engineering</i> , 2022, 148, .	1.5	1
3	A Well-Posed Alternative to the Hirano Active Layer Model for Rivers With Mixed-Size Sediment. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 2491-2520.	2.8	7
4	The Quasi-Equilibrium Longitudinal Profile in Backwater Reaches of the Engineered Alluvial River: A Space-Marching Method. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 2542-2560.	2.8	15
5	A regularization strategy for modeling mixed-sediment river morphodynamics. <i>Advances in Water Resources</i> , 2019, 127, 291-309.	3.8	9
6	Ill posedness in modelling two-dimensional morphodynamic problems: effects of bed slope and secondary flow. <i>Journal of Fluid Mechanics</i> , 2019, 868, 461-500.	3.4	13
7	Ill-posedness in modeling mixed sediment river morphodynamics. <i>Advances in Water Resources</i> , 2018, 114, 219-235.	3.8	17
8	A Sand-Gravel Gilbert Delta Subject to Base Level Change. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 1160-1179.	2.8	11
9	Advance, Retreat, and Halt of Abrupt Gravel-Sand Transitions in Alluvial Rivers. <i>Geophysical Research Letters</i> , 2017, 44, 9751-9760.	4.0	49
10	The equilibrium alluvial river under variable flow and its channel-forming discharge. <i>Journal of Geophysical Research F: Earth Surface</i> , 2017, 122, 1924-1948.	2.8	104
11	A new technique for measuring the bed surface texture during flow and application to a degradational sand-gravel laboratory experiment. <i>Water Resources Research</i> , 2016, 52, 7005-7022.	4.2	12
12	The graded alluvial river: Profile concavity and downstream fining. <i>Geophysical Research Letters</i> , 2016, 43, 6285-6293.	4.0	75
13	Image analysis for measuring the size stratification in sand-gravel laboratory experiments. <i>Earth Surface Dynamics</i> , 2014, 2, 217-232.	2.4	8