Victor Chavarrias

List of Publications by Year
in descending order

13	323	1040056 9	1125743 13
papers	citations	h-index	g-index

14	14	14	262
all docs	docs citations	times ranked	citing authors

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