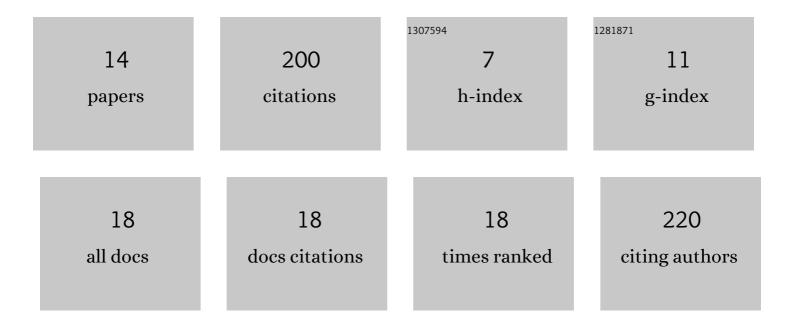
Ronald R Gutierrez

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Discrimination of bed form scales using robust spline filters and wavelet transforms: Methods and application to synthetic signals and bed forms of the RÃo ParanÃ _i , Argentina. Journal of Geophysical Research F: Earth Surface, 2013, 118, 1400-1418.	2.8	47
2	Assessing soil erosion risk at national scale in developing countries: The technical challenges, a proposed methodology, and a case history. Science of the Total Environment, 2020, 703, 135474.	8.0	31
3	On the analysis of the medium term planform dynamics of meandering rivers. Water Resources Research, 2014, 50, 3714-3733.	4.2	26
4	Bedforms-ATM, an open source software to analyze the scale-based hierarchies and dimensionality of natural bed forms. SoftwareX, 2018, 7, 184-189.	2.6	22
5	Land-use and socioeconomic changes related to armed conflicts: A Colombian regional case study. Environmental Science and Policy, 2019, 97, 116-124.	4.9	22
6	Characterization of confluences in free meandering rivers of the Amazon basin. Geomorphology, 2014, 220, 1-14.	2.6	20
7	The potential impact of climate variability on siltation of Andean reservoirs. Journal of Hydrology, 2020, 581, 124396.	5.4	18
8	Development and validation of a novel metric for describing the three-dimensionality of bed forms. Geomorphology, 2021, 390, 107856.	2.6	4
9	Combining handsâ€on and virtual experiments for enhancing fluid mechanics teaching: A designâ€based research study. Computer Applications in Engineering Education, 2022, 30, 1701-1724.	3.4	4
10	Towards adopting open and dataâ€driven science practices in bed form dynamics research, and some steps to this end. Earth Surface Processes and Landforms, 2021, 46, 47-54.	2.5	3
11	Dynamic characterization of meandering channels planform. E3S Web of Conferences, 2018, 40, 02043.	0.5	2
12	NAVIGABILITY OF THE MAGDALENA RIVER: OPPORTUNITIES AND CHALLENGES BASED ON SCIENTIFIC EVIDENCE. , 2019, , .		1
13	Wavelets Application to Study the Bedforms of Parana River. , 2011, , .		0
14	COMBINED APPLICATION OF CFD AND FLIPPED CLASSROOM PRACTICES IN IMPROVING KNOWLEDGE ACQUSITION FOR AN UNDERGRADUATE WATER RESOURCES ENGINEERING RELATED COURSE. , 0, , .		0