

# Ronald R Gutierrez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7252898/publications.pdf>

Version: 2024-02-01

14  
papers

200  
citations

1307594

7  
h-index

1281871

11  
g-index

18  
all docs

18  
docs citations

18  
times ranked

220  
citing authors

#	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 Río Paraná, Argentina. <i>Journal of Geophysical Research F: Earth Surface</i> , 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. <i>Science of the Total Environment</i> , 2020, 703, 135474.	8.0	31
3	On the analysis of the medium term planform dynamics of meandering rivers. <i>Water Resources Research</i> , 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. <i>SoftwareX</i> , 2018, 7, 184-189.	2.6	22
5	Land-use and socioeconomic changes related to armed conflicts: A Colombian regional case study. <i>Environmental Science and Policy</i> , 2019, 97, 116-124.	4.9	22
6	Characterization of confluences in free meandering rivers of the Amazon basin. <i>Geomorphology</i> , 2014, 220, 1-14.	2.6	20
7	The potential impact of climate variability on siltation of Andean reservoirs. <i>Journal of Hydrology</i> , 2020, 581, 124396.	5.4	18
8	Development and validation of a novel metric for describing the three-dimensionality of bed forms. <i>Geomorphology</i> , 2021, 390, 107856.	2.6	4
9	Combining hands-on and virtual experiments for enhancing fluid mechanics teaching: A design-based research study. <i>Computer Applications in Engineering Education</i> , 2022, 30, 1701-1724.	3.4	4
10	Towards adopting open and data-driven science practices in bed form dynamics research, and some steps to this end. <i>Earth Surface Processes and Landforms</i> , 2021, 46, 47-54.	2.5	3
11	Dynamic characterization of meandering channels planform. <i>E3S Web of Conferences</i> , 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 ACQUISITION FOR AN UNDERGRADUATE WATER RESOURCES ENGINEERING RELATED COURSE. , 0, , .		0