

# MarÃ-a FernÃ;ndez-Raga

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6333194/publications.pdf>

Version: 2024-02-01

29  
papers

800  
citations

623734

14  
h-index

580821

25  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1052  
citing authors

#	ARTICLE	IF	CITATIONS
1	Splash erosion: A review with unanswered questions. <i>Earth-Science Reviews</i> , 2017, 171, 463-477.	9.1	161
2	The kinetic energy of rain measured with an optical disdrometer: An application to splash erosion. <i>Atmospheric Research</i> , 2010, 96, 225-240.	4.1	86
3	Runoff initiation, soil detachment and connectivity are enhanced as a consequence of vineyards plantations. <i>Journal of Environmental Management</i> , 2017, 202, 268-275.	7.8	76
4	Chemical composition of wet precipitation at the background EMEP station in Vázquez (Granada, Spain) (2002–2006). <i>Atmospheric Research</i> , 2010, 96, 408-420.	4.1	72
5	Comparison of precipitation measurements by OTT Parsivel and Thies LPM optical disdrometers. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 2811-2837.	4.9	66
6	Aerosol size distribution in precipitation events in León, Spain. <i>Atmospheric Research</i> , 2010, 96, 421-435.	4.1	45
7	Connection between NAO, weather types and precipitation in León, Spain (1948–2008). <i>International Journal of Climatology</i> , 2012, 32, 2181-2196.	3.5	45
8	Rain events on 22 October 2006 in León (Spain): Drop size spectra. <i>Atmospheric Research</i> , 2009, 93, 619-635.	4.1	27
9	Comparative Analysis of Splash Erosion Devices for Rainfall Simulation Experiments: A Laboratory Study. <i>Water (Switzerland)</i> , 2019, 11, 1228.	2.7	27
10	Promoting Learners' Voice Productions Using Chatbots as a Tool for Improving the Learning Process in a MOOC. <i>Technology, Knowledge and Learning</i> , 2019, 24, 545-565.	4.9	25
11	Air Masses and Weather Types: A Useful Tool for Characterizing Precipitation Chemistry and Wet Deposition. <i>Aerosol and Air Quality Research</i> , 2012, 12, 856-878.	2.1	24
12	Weather types and rainfall microstructure in Leon, Spain. <i>International Journal of Climatology</i> , 2017, 37, 1834-1842.	3.5	23
13	Human mortality seasonality in Castile-León, Spain, between 1980 and 1998: the influence of temperature, pressure and humidity. <i>International Journal of Biometeorology</i> , 2010, 54, 379-392.	3.0	21
14	SARS-CoV-2 viability under different meteorological conditions, surfaces, fluids and transmission between animals. <i>Environmental Research</i> , 2021, 192, 110293.	7.5	20
15	Relationship of Weather Types on the Seasonal and Spatial Variability of Rainfall, Runoff, and Sediment Yield in the Western Mediterranean Basin. <i>Atmosphere</i> , 2020, 11, 609.	2.3	13
16	Determining the potential impacts of fire and different land uses on splash erosion in the margins of drylands. <i>Journal of Arid Environments</i> , 2021, 186, 104419.	2.4	10
17	Impact of Design Parameters on the Ratio of Compressive to Split Tensile Strength of Self-Compacting Concrete with Recycled Aggregate. <i>Materials</i> , 2021, 14, 3480.	2.9	9
18	Extraordinary Protective Efficacy of Graphene Oxide over the Stone-Based Cultural Heritage. <i>Advanced Materials Interfaces</i> , 2021, 8, 2101012.	3.7	8

#	ARTICLE	IF	CITATIONS
19	Vertical Raindrop Size Distribution in Central Spain: A Case Study. <i>Advances in Meteorology</i> , 2015, 2015, 1-9.	1.6	6
20	Canopy Effects on Rainfall Partition and Throughfall Drop Size Distribution in a Tropical Dry Forest. <i>Atmosphere</i> , 2022, 13, 1126.	2.3	6
21	The Role of Weather Types in Assessing the Rainfall Key Factors for Erosion in Two Different Climatic Regions. <i>Atmosphere</i> , 2020, 11, 443.	2.3	5
22	Splash Erosion on Terraces, Does It Make a Difference If the Terracing Is Done before or after a Fire?. <i>Hydrology</i> , 2021, 8, 180.	3.0	5
23	The Use of High-Speed Cameras as a Tool for the Characterization of Raindrops in Splash Laboratory Studies. <i>Water (Switzerland)</i> , 2021, 13, 2851.	2.7	4
24	Satisfaction Level of Engineering Students in Face-to-Face and Online Modalities under COVID-19 Case: School of Engineering of the University of León, Spain. <i>Sustainability</i> , 2022, 14, 6269.	3.2	4
25	Effectiveness of a New Drainage System for Decreasing Erosion in Road Hillslopes. <i>Air, Soil and Water Research</i> , 2021, 14, 117862212098872.	2.5	3
26	Virtual Exchange in Engineering to realize a learning experience based on projects using ICTs. , 2019, , .		2
27	Multidisciplinary and international virtual collaboration on the "Shared Garden" between the Universities of Bordeaux and León. , 2020, , 59-68.		1
28	#MOOCINCENDIOS: A MULTIDISCIPLINARY APPROACH TO FOREST FIRES. , 2016, , .		0
29	The Interactivity of a Virtual Museum at the Service of the Teaching of Applied Geology. , 0, , .		0