

# Miguel Bartolomé

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

590  
citations

687363

13  
h-index

713466

21  
g-index

24  
all docs

24  
docs citations

24  
times ranked

848  
citing authors

#	ARTICLE	IF	CITATIONS
1	Timing and structure of the Younger Dryas event and its underlying climate dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23408-23417.	7.1	119
2	Global analysis reveals climatic controls on the oxygen isotope composition of cave drip water. Nature Communications, 2019, 10, 2984.	12.8	81
3	Hydrological change in Southern Europe responding to increasing North Atlantic overturning during Greenland Stadial 1. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6568-6572.	7.1	65
4	Climate controls on rainfall isotopes and their effects on cave drip water and speleothem growth: the case of Molinos cave (Teruel, NE Spain). Climate Dynamics, 2014, 43, 221-241.	3.8	44
5	Glaciolacustrine deposits formed in an ice-dammed tributary valley in the south-central Pyrenees: New evidence for late Pleistocene climate. Sedimentary Geology, 2018, 366, 47-66.	2.1	30
6	New speleothem data from Molinos and Ejulve caves reveal Holocene hydrological variability in northeast Iberia. Quaternary Research, 2017, 88, 223-233.	1.7	28
7	Abrupt climate changes during Termination III in Southern Europe. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10047-10052.	7.1	26
8	Ice cave reveals environmental forcing of long-term Pyrenean tree line dynamics. Journal of Ecology, 2019, 107, 814-828.	4.0	26
9	Middle-to-late Holocene palaeoenvironmental reconstruction from the A294 ice-cave record (Central Iberia). Quaternary Science Reviews, 2021, 247, 106577.	4.4	24
10	Transference of isotopic signal from rainfall to dripwaters and formed calcite in Mediterranean semi-arid karst. Geochimica Et Cosmochimica Acta, 2018, 243, 66-98.	3.9	23
11	Palaeobotanical insights from Early-Mid Holocene fluvial tufas in the Moncayo Natural Park (Iberian Peninsula). Palynology, 2016, 234, 31-43.	1.5	17
12	Solar influence and hydrological variability during the Holocene from a speleothem annual record (Molinos Cave, NE Spain). Terra Nova, 2015, 27, 300-311.	2.1	16
13	Underlying Climate Controls in Triple Oxygen ( $^{16}\text{O}$ , $^{17}\text{O}$ , $^{18}\text{O}$ ) and Hydrogen ( $^1\text{H}$ , $^2\text{H}$ ) Isotopes Composition of Rainfall (Central Pyrenees). Frontiers in Earth Science, 2021, 9, .	1.8	15
14	Formación de espeleotemas en el noreste peninsular y su relación con las condiciones climáticas durante los últimos ciclos glaciares. Cuadernos De Investigacion Geografica, 2013, 39, 25-47.	1.1	15
15	Snow Impurities in the Central Pyrenees: From Their Geochemical and Mineralogical Composition towards Their Impacts on Snow Albedo. Atmosphere, 2020, 11, 937.	2.3	10
16	Measurement report: Spatial variability of northern Iberian rainfall stable isotope values – investigating atmospheric controls on daily and monthly timescales. Atmospheric Chemistry and Physics, 2021, 21, 10159-10177.	4.9	10
17	Effects of glaciation on karst hydrology and sedimentology during the Last Glacial Cycle: The case of Granito cave, Central Pyrenees (Spain). Catena, 2021, 206, 105252.	5.0	10
18	Glacial Ice Age Shapes Microbiome Composition in a Receding Southern European Glacier. Frontiers in Microbiology, 2021, 12, 714537.	3.5	10

#	ARTICLE	IF	CITATIONS
19	Ice Caves in Spain. , 2018, , 625-655.		6
20	Relict periglacial soils on Quaternary terraces in the Central Ebro Basin (NE Spain). Permafrost and Periglacial Processes, 2019, 30, 364-373.	3.4	6
21	Testing the reliability of detrital cave sediments as recorders of paleomagnetic secular variations, Seso Cave System (Central Pyrenees, Spain). Catena, 2014, 119, 36-51.	5.0	5
22	Insights into the speleogenesis of Ejulve cave (Iberian Range, NE Spain): quaternary hydrothermal karstification?. Journal of Iberian Geology, 2019, 45, 511-527.	1.3	4