

# Juan Pablo Corella

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

2,057  
citations

304743

22  
h-index

243625

44  
g-index

54  
all docs

54  
docs citations

54  
times ranked

2650  
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate changes modulated the history of Arctic iodine during the Last Glacial Cycle. <i>Nature Communications</i> , 2022, 13, 88.	12.8	3
2	Reconstructing Paleoflood Occurrence and Magnitude from Lake Sediments. <i>Quaternary</i> , 2022, 5, 9.	2.0	9
3	Regional precipitation trends since 1500 CE reconstructed from calcite sublayers of a varved Mediterranean lake record (Central Pyrenees). <i>Science of the Total Environment</i> , 2022, 826, 153773.	8.0	10
4	Facies variability and depositional settings of Laguna Salada de Chiprana, an Iberian hypersaline lake. <i>Sedimentology</i> , 2022, 69, 2615-2641.	3.1	2
5	Recent and historical pollution legacy in high altitude Lake Marborç (Central Pyrenees): A record of mining and smelting since pre-Roman times in the Iberian Peninsula. <i>Science of the Total Environment</i> , 2021, 751, 141557.	8.0	14
6	Geomorphological impact, hydraulics and watershed- lake connectivity during extreme floods in mountain areas: The 1959 Vega de Tera dam failure, NW Spain. <i>Geomorphology</i> , 2021, 375, 107531.	2.6	5
7	The case of a southern European glacier which survived Roman and medieval warm periods but is disappearing under recent warming. <i>Cryosphere</i> , 2021, 15, 1157-1172.	3.9	11
8	A 1400-years flood frequency reconstruction for the Basque country (N Spain): Integrating geological, historical and instrumental datasets. <i>Quaternary Science Reviews</i> , 2021, 262, 106963.	3.0	10
9	Bronze Age to Medieval vegetation dynamics and landscape anthropization in the southern-central Pyrenees. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 571, 110392.	2.3	12
10	A unique Pyrenean varved record provides a detailed reconstruction of Mediterranean vegetation and land-use dynamics over the last three millennia. <i>Quaternary Science Reviews</i> , 2021, 268, 107128.	3.0	19
11	Antarctic ozone hole modifies iodine geochemistry on the Antarctic Plateau. <i>Nature Communications</i> , 2021, 12, 5836.	12.8	6
12	Modern Analogue Approach Applied to High-Resolution Varved Sediments—A Synthesis for Lake Montcortès (Central Pyrenees). <i>Quaternary</i> , 2020, 3, 1.	2.0	12
13	A millennium-long perspective of flood-related seasonal sediment yield in Mediterranean watersheds. <i>Global and Planetary Change</i> , 2019, 177, 127-140.	3.5	27
14	Holocene atmospheric iodine evolution over the North Atlantic. <i>Climate of the Past</i> , 2019, 15, 2019-2030.	3.4	5
15	Interpreting historical, botanical, and geological evidence to aid preparations for future floods. <i>Wiley Interdisciplinary Reviews: Water</i> , 2019, 6, e1318.	6.5	77
16	Rapid increase in atmospheric iodine levels in the North Atlantic since the mid-20th century. <i>Nature Communications</i> , 2018, 9, 1452.	12.8	86
17	Modern sedimentary analogues and integrated monitoring to understand varve formation in the Mediterranean Lake Montcortès (Central Pyrenees, Spain). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 496, 292-304.	2.3	26
18	Grazing activities in the southern central Pyrenees during the last millennium as deduced from the non-pollen palynomorphs (NPP) record of Lake Montcortès. <i>Review of Palaeobotany and Palynology</i> , 2018, 254, 8-19.	1.5	17

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19	Historical shifts in oxygenation regime as recorded in the laminated sediments of lake Montcortès (Central Pyrenees) support hypoxia as a continental-scale phenomenon. <i>Science of the Total Environment</i> , 2018, 612, 1577-1592.	8.0	34
20	High-resolution (sub-decadal) pollen analysis of varved sediments from Lake Montcortès (southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 years. <i>Review of Palaeobotany and Palynology</i> , 2018, 259, 207-222.	1.5	23
21	Trace metal enrichment during the Industrial Period recorded across an altitudinal transect in the Southern Central Pyrenees. <i>Science of the Total Environment</i> , 2018, 645, 761-772.	8.0	15
22	700 years reconstruction of mercury and lead atmospheric deposition in the Pyrenees (NE Spain). <i>Atmospheric Environment</i> , 2017, 155, 97-107.	4.1	42
23	High-resolution reconstruction of the 20th century history of trace metals, major elements, and organic matter in sediments in a contaminated area of Lake Geneva, Switzerland. <i>Applied Geochemistry</i> , 2017, 78, 1-11.	3.0	23
24	Modelling the Hydro€Sedimentary Dynamics of a Mediterranean Semiarid Ungauged Watershed Beyond the Instrumental Period. <i>Land Degradation and Development</i> , 2017, 28, 1506-1518.	3.9	8
25	Environmental and climate change in the southern Central Pyrenees since the Last Glacial Maximum: A view from the lake records. <i>Catena</i> , 2017, 149, 668-688.	5.0	113
26	Sedimentological and palaeohydrological characterization of Late Pleistocene and Holocene tufa mound palaeolakes using trenching methods in the Spanish Pyrenees. <i>Sedimentology</i> , 2016, 63, 1786-1819.	3.1	12
27	The role of mass-transport deposits and turbidites in shaping modern lacustrine deepwater channels. <i>Marine and Petroleum Geology</i> , 2016, 77, 515-525.	3.3	42
28	Mineralization pathways of organic matter deposited in a river€lake transition of the Rhone River Delta, Lake Geneva. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 370-380.	3.5	11
29	Origin of Turbidites In Deep Lake Geneva (France€Switzerland) In the Last 1500 Years. <i>Journal of Sedimentary Research</i> , 2015, 85, 1455-1465.	1.6	26
30	Changes in distal sedimentation regime of the Rhone delta system controlled by subaquatic channels (Lake Geneva, Switzerland/France). <i>Marine Geology</i> , 2015, 370, 125-135.	2.1	21
31	Deciphering Turbidite Triggers by Core Facies Analyses. Implications for Geohazards and Reservoir Characterization. , 2015, , .		0
32	The Rhone Delta in Lake Geneva - A Lacustrine Analog to Understand Facies Variability in Deep-water Environments. , 2015, , .		0
33	Sediment dynamics in the subaquatic channel of the Rhone delta (Lake Geneva, France/Switzerland). <i>Aquatic Sciences</i> , 2014, 76, 73.	1.5	16
34	Lacustrine carbonates of Iberian Karst Lakes: Sources, processes and depositional environments. <i>Sedimentary Geology</i> , 2014, 299, 1-29.	2.1	52
35	Annually-resolved lake record of extreme hydro-meteorological events since AD 1347 in NE Iberian Peninsula. <i>Quaternary Science Reviews</i> , 2014, 93, 77-90.	3.0	83
36	Endospore-forming bacteria as new proxies to assess impact of eutrophication in Lake Geneva (Switzerland€France). <i>Aquatic Sciences</i> , 2014, 76, 103-116.	1.5	18

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37	Spatial heterogeneity of benthic methane dynamics in the subaquatic canyons of the Rhone River Delta (Lake Geneva). <i>Aquatic Sciences</i> , 2014, 76, 89-101.	1.5	21
38	A 2500-year multi-proxy reconstruction of climate change and human activities in northern Spain: The Lake Arreo record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 386, 555-568.	2.3	77
39	Deployment of a dynamic penetrometer from manned submersibles for fine-scale geomorphology studies. <i>Limnology and Oceanography: Methods</i> , 2013, 11, 529-539.	2.0	8
40	The 1.5-ka varved record of Lake Montcortès (southern Pyrenees, NE Spain). <i>Quaternary Research</i> , 2012, 78, 323-332.	1.7	67
41	The Medieval Climate Anomaly in the Iberian Peninsula reconstructed from marine and lake records. <i>Quaternary Science Reviews</i> , 2012, 43, 16-32.	3.0	210
42	Palaeolimnological evidence for an east-west climate see-saw in the Mediterranean since AD 900. <i>Global and Planetary Change</i> , 2012, 84-85, 23-34.	3.5	167
43	A multi-proxy perspective on millennium-long climate variability in the Southern Pyrenees. <i>Climate of the Past</i> , 2012, 8, 683-700.	3.4	70
44	Climate and human impact on a meromictic lake during the last 6,000 years (Montcortès Lake, Central Iberian Peninsula). <i>Journal of Paleolimnology</i> , 2011, 46, 387-404.	1.6	82
45	Vegetation changes in the southern Pyrenean flank during the last millennium in relation to climate and human activities: the Montcortès lacustrine record. <i>Journal of Paleolimnology</i> , 2011, 46, 387-404.	1.6	72
46	Recent evolution of Lake Arreo, northern Spain: influences of land use change and climate. <i>Journal of Paleolimnology</i> , 2011, 46, 469-485.	1.6	38
47	Middle and late Holocene climate change and human impact inferred from diatoms, algae and aquatic macrophyte pollen in sediments from Lake Montcortès (NE Iberian Peninsula). <i>Journal of Paleolimnology</i> , 2011, 46, 369-385.	1.6	36
48	Was there a common hydrological pattern in the Iberian Peninsula region during the Medieval Climate Anomaly?. <i>PAGES News</i> , 2011, 19, 16-17.	0.1	14
49	The last deglaciation in the Picos de Europa National Park (Cantabrian Mountains, northern Spain). <i>Journal of Quaternary Science</i> , 2010, 25, 1076-1091.	2.1	108
50	Late Quaternary deposition and facies model for karstic Lake Estanya (North-eastern Spain). <i>Sedimentology</i> , 2009, 56, 1505-1534.	3.1	31
51	Lateglacial and Holocene palaeohydrology in the western Mediterranean region: The Lake Estanya record (NE Spain). <i>Quaternary Science Reviews</i> , 2009, 28, 2582-2599.	3.0	166