Juan Pablo Corella

List of Publications by Year
in descending order

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	The Medieval Climate Anomaly in the Iberian Peninsula reconstructed from marine and lake records. Quaternary Science Reviews, 2012, 43, 16-32.	3.0	210
2	Palaeolimnological evidence for an eastâ€“west climate see-saw in the Mediterranean since AD 900. Global and Planetary Change, 2012, 84-85, 23-34.	3.5	167
3	Lateglacial and Holocene palaeohydrology in the western Mediterranean region: The Lake Estanya record (NE Spain). Quaternary Science Reviews, 2009, 28, 2582-2599.	3.0	166
4	Environmental and climate change in the southern Central Pyrenees since the Last Glacial Maximum: A view from the lake records. Catena, 2017, 149, 668-688.	5.0	113
5	The last deglaciation in the Picos de Europa National Park (Cantabrian Mountains, northern Spain). Journal of Quaternary Science, 2010, 25, 1076-1091.	2.1	108
6	Rapid increase in atmospheric iodine levels in the North Atlantic since the mid-20th century. Nature Communications, 2018, 9, 1452.	12.8	86
7	Annually-resolved lake record of extreme hydro-meteorological events since AD 1347 in NE Iberian Peninsula. Quaternary Science Reviews, 2014, 93, 77-90.	3.0	83
8	Climate and human impact on a meromictic lake during the last 6,000Âyears (MontcortÃ¨s Lake, Central) Tj ETQq0 0 0 rgBT /Overlock 1	1.6	82
9	A 2500-year multi-proxy reconstruction of climate change and human activities in northern Spain: The Lake Arreo record. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 386, 555-568.	2.3	77
10	Interpreting historical, botanical, and geological evidence to aid preparations for future floods. Wiley Interdisciplinary Reviews: Water, 2019, 6, e1318.	6.5	77
11	Vegetation changes in the southern Pyrenean flank during the last millennium in relation to climate and human activities: the MontcortÃ¨s lacustrine record. Journal of Paleolimnology, 2011, 46, 387-404.	1.6	72
12	A multi-proxy perspective on millennium-long climate variability in the Southern Pyrenees. Climate of the Past, 2012, 8, 683-700.	3.4	70
13	The 1.5-ka varved record of Lake MontcortÃ¨s (southern Pyrenees, NE Spain). Quaternary Research, 2012, 78, 323-332.	1.7	67
14	Lacustrine carbonates of Iberian Karst Lakes: Sources, processes and depositional environments. Sedimentary Geology, 2014, 299, 1-29.	2.1	52
15	The role of mass-transport deposits and turbidites in shaping modern lacustrine deepwater channels. Marine and Petroleum Geology, 2016, 77, 515-525.	3.3	42
16	700 years reconstruction of mercury and lead atmospheric deposition in the Pyrenees (NE Spain). Atmospheric Environment, 2017, 155, 97-107.	4.1	42
17	Recent evolution of Lake Arreo, northern Spain: influences of land use change and climate. Journal of Paleolimnology, 2011, 46, 469-485.	1.6	38
18	Middle and late Holocene climate change and human impact inferred from diatoms, algae and aquatic macrophyte pollen in sediments from Lake MontcortÃ¨s (NE Iberian Peninsula). Journal of Paleolimnology, 2011, 46, 369-385.	1.6	36

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19	Historical shifts in oxygenation regime as recorded in the laminated sediments of lake MontcortÃ¨s (Central Pyrenees) support hypoxia as a continental-scale phenomenon. Science of the Total Environment, 2018, 612, 1577-1592.	8.0	34
20	Late Quaternary deposition and facies model for karstic Lake Estanya (Northâ€eastern Spain). Sedimentology, 2009, 56, 1505-1534.	3.1	31
21	A millennium-long perspective of flood-related seasonal sediment yield in Mediterranean watersheds. Global and Planetary Change, 2019, 177, 127-140.	3.5	27
22	Origin of Turbidites In Deep Lake Geneva (Franceâ€“Switzerland) In the Last 1500 Years. Journal of Sedimentary Research, 2015, 85, 1455-1465.	1.6	26
23	Modern sedimentary analogues and integrated monitoring to understand varve formation in the Mediterranean Lake MontcortÃ¨s (Central Pyrenees, Spain). Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 496, 292-304.	2.3	26
24	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. Applied Geochemistry, 2017, 78, 1-11.	3.0	23
25	High-resolution (sub-decadal) pollen analysis of varved sediments from Lake MontcortÃ¨s (southern) Tj ETQq1 1 0.784314 rgBT /Over years. Review of Palaeobotany and Palynology, 2018, 259, 207-222.	1.5	23
26	Spatial heterogeneity of benthic methane dynamics in the subaquatic canyons of the Rhone River Delta (Lake Geneva). Aquatic Sciences, 2014, 76, 89-101.	1.5	21
27	Changes in distal sedimentation regime of the Rhone delta system controlled by subaquatic channels (Lake Geneva, Switzerland/France). Marine Geology, 2015, 370, 125-135.	2.1	21
28	A unique Pyrenean varved record provides a detailed reconstruction of Mediterranean vegetation and land-use dynamics over the last three millennia. Quaternary Science Reviews, 2021, 268, 107128.	3.0	19
29	Endospore-forming bacteria as new proxies to assess impact of eutrophication in Lake Geneva (Switzerlandâ€“France). Aquatic Sciences, 2014, 76, 103-116.	1.5	18
30	Grazing activities in the southern central Pyrenees during the last millennium as deduced from the non-pollen palynomorphs (NPP) record of Lake MontcortÃ¨s. Review of Palaeobotany and Palynology, 2018, 254, 8-19.	1.5	17
31	Sediment dynamics in the subaquatic channel of the Rhone delta (Lake Geneva, France/Switzerland). Aquatic Sciences, 2014, 76, 73.	1.5	16
32	Trace metal enrichment during the Industrial Period recorded across an altitudinal transect in the Southern Central Pyrenees. Science of the Total Environment, 2018, 645, 761-772.	8.0	15
33	Recent and historical pollution legacy in high altitude Lake MarborÃ© (Central Pyrenees): A record of mining and smelting since pre-Roman times in the Iberian Peninsula. Science of the Total Environment, 2021, 751, 141557.	8.0	14
34	Was there a common hydrological pattern in the Iberian Peninsula region during the Medieval Climate Anomaly?. PAGES News, 2011, 19, 16-17.	0.1	14
35	Sedimentological and palaeohydrological characterization of Late Pleistocene and Holocene tufa mound palaeolakes using trenching methods in the Spanish Pyrenees. Sedimentology, 2016, 63, 1786-1819.	3.1	12
36	Bronze Age to Medieval vegetation dynamics and landscape anthropization in the southern-central Pyrenees. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 571, 110392.	2.3	12

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37	Modern Analogue Approach Applied to High-Resolution Varved Sedimentsâ€"A Synthesis for Lake MontcortÃ¨s (Central Pyrenees). Quaternary, 2020, 3, 1.	2.0	12
38	Mineralization pathways of organic matter deposited in a riverâ€"lake transition of the Rhone River Delta, Lake Geneva. Environmental Sciences: Processes and Impacts, 2015, 17, 370-380.	3.5	11
39	The case of a southern European glacier which survived Roman and medieval warm periods but is disappearing under recent warming. Cryosphere, 2021, 15, 1157-1172.	3.9	11
40	A 1400-years flood frequency reconstruction for the Basque country (N Spain): Integrating geological, historical and instrumental datasets. Quaternary Science Reviews, 2021, 262, 106963.	3.0	10
41	Regional precipitation trends since 1500 CE reconstructed from calcite sublayers of a varved Mediterranean lake record (Central Pyrenees). Science of the Total Environment, 2022, 826, 153773.	8.0	10
42	Reconstructing Paleoflood Occurrence and Magnitude from Lake Sediments. Quaternary, 2022, 5, 9.	2.0	9
43	Deployment of a dynamic penetrometer from manned submersibles for fineâ€scale geomorphology studies. Limnology and Oceanography: Methods, 2013, 11, 529-539.	2.0	8
44	Modelling the Hydroâ€Sedimentary Dynamics of a Mediterranean Semiarid Ungauged Watershed Beyond the Instrumental Period. Land Degradation and Development, 2017, 28, 1506-1518.	3.9	8
45	Antarctic ozone hole modifies iodine geochemistry on the Antarctic Plateau. Nature Communications, 2021, 12, 5836.	12.8	6
46	Holocene atmospheric iodine evolution over the North Atlantic. Climate of the Past, 2019, 15, 2019-2030.	3.4	5
47	Geomorphological impact, hydraulics and watershed- lake connectivity during extreme floods in mountain areas: The 1959 Vega de Tera dam failure, NW Spain. Geomorphology, 2021, 375, 107531.	2.6	5
48	Climate changes modulated the history of Arctic iodine during the Last Glacial Cycle. Nature Communications, 2022, 13, 88.	12.8	3
49	Facies variability and depositional settings of Laguna Salada de Chiprana, an Iberian hypersaline lake. Sedimentology, 2022, 69, 2615-2641.	3.1	2
50	Deciphering Turbidite Triggers by Core Facies Analyses. Implications for Geohazards and Reservoir Characterization. , 2015, , .		0
51	The Rhone Delta in Lake Geneva - A Lacustrine Analog to Understand Facies Variability in Deep-water Environments. , 2015, , .		0