Teresa Vegas-VilarrÃºbia

List of Publications by Year
in descending order

81 papers	2,385 citations	304743 22 h-index	233421 45 g-index
90 all docs	90 docs citations	90 times ranked	3236 citing authors

#	Article	IF	Citations
1	Unexpected biodiversity loss under global warming in the neotropical Guayana Highlands: a preliminary appraisal. Global Change Biology, 2006, 12, 1-9.	9.5	239
2	The Medieval Climate Anomaly in the Iberian Peninsula reconstructed from marine and lake records. Quaternary Science Reviews, 2012, 43, 16-32.	3.0	210
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	Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins. Toxins, 2018, 10, 156.	3.4	159
5	Climate changes and human activities recorded in the sediments of Lake Estanya (NE Spain) during the Medieval Warm Period and Little Ice Age. Journal of Paleolimnology, 2011, 46, 423-452.	1.6	119
6	Quaternary palaeoecology and nature conservation: a general review with examples from the neotropics. Quaternary Science Reviews, 2011, 30, 2361-2388.	3.0	84
7	Release of polycyclic aromatic compounds into a Mediterranean creek (Catalonia, NE Spain) after a forest fire. Water Research, 2007, 41, 2171-2179.	11.3	80
8	A multi-proxy perspective on millennium-long climate variability in the Southern Pyrenees. Climate of the Past, 2012, 8, 683-700.	3.4	70
9	The 1.5-ka varved record of Lake MontcortÃ¨s (southern Pyrenees, NE Spain). Quaternary Research, 2012, 78, 323-332.	1.7	67
10	Modeling biodiversity loss by global warming on Pantepui, northern South America: projected upward migration and potential habitat loss. Climatic Change, 2009, 94, 77-85.	3.6	60
11	Contribution of non-pollen palynomorphs to the paleolimnological study of a high-altitude Andean lake (Laguna Verde Alta, Venezuela). Journal of Paleolimnology, 2008, 40, 399-411.	1.6	43
12	Ecological palaeoecology in the neotropical Gran Sabana region: Long-term records of vegetation dynamics as a basis for ecological hypothesis testing. Perspectives in Plant Ecology, Evolution and Systematics, 2013, 15, 338-359.	2.7	37
13	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
14	Global warming, habitat shifts and potential refugia for biodiversity conservation in the neotropical Guayana Highlands. Biological Conservation, 2012, 152, 159-168.	4.1	34
15	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
16	Elevational gradients in the neotropical table mountains: patterns of endemism and implications for conservation. Diversity and Distributions, 2013, 19, 676-687.	4.1	31
17	A European Multi Lake Survey dataset of environmental variables, phytoplankton pigments and cyanotoxins. Scientific Data, 2018, 5, 180226.	5.3	30
18	Tropical Histosols of the lower Orinoco Delta, features and preliminary quantification of their carbon storage. Geoderma, 2010, 155, 280-288.	5.1	29

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19	Environmental history and vegetation dynamics in response to climate variations and human pressure during the Holocene in Bassa Nera, Central Pyrenees. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 479, 48-60.	2.3	29
20	Use of Environmental Impact Assessment (EIA) tools to set priorities and optimize strategies in biodiversity conservation. Biological Conservation, 2012, 149, 113-121.	4.1	28
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	What is long-term in ecology?. Trends in Ecology and Evolution, 2011, 26, 3-4.	8.7	26
23	Seasonal patterns of pollen sedimentation in Lake MontcortÃ¨s (Central Pyrenees) and potential applications to high-resolution paleoecology: a 2-year pilot study. Journal of Paleolimnology, 2017, 57, 95-108.	1.6	26
24	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
25	Vegetation changes in the Neotropical Gran Sabana (Venezuela) around the Younger Dryas chron. Journal of Quaternary Science, 2011, 26, 207-218.	2.1	24
26	Surface Palynology of a Small Coastal Basin from Venezuela and Potential Paleoecological Applications. Micropaleontology, 1999, 45, 365.	1.0	23
27	Non-pollen palynomorph studies in the Neotropics: The case of Venezuela. Review of Palaeobotany and Palynology, 2012, 186, 102-130.	1.5	23
28	Preliminary report on a mid-19th centuryCannabispollen peak in NE Spain: Historical context and potential chronological significance. Holocene, 2014, 24, 1378-1383.	1.7	23
29	New insights on palaeofires and savannisation in northern SouthÂAmerica. Quaternary Science Reviews, 2015, 122, 158-165.	3.0	23
30	High-resolution (sub-decadal) pollen analysis of varved sediments from Lake MontcortÃ¨s (southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 years. Review of Palaeobotany and Palynology, 2018, 259, 207-222.	1.5	23
31	Zonation pattern of an isolated mangrove community at Playa Medina, Venezuela. , 2000, 8, 9-17.		22
32	Paleoecology of the Guayana Highlands (northern South America): Holocene pollen record from the Eruoda-tepui, in the ChimantÃ¡ massif. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 281, 165-173.	2.3	22
33	VegetaciÃ³n y paisaje alrededor del lago de MontcortÃ¨s (Prepirineos catalanes) como instrumento para el estudio paleoecolÃ³gico de los sedimentos lacustres. Collectanea Botanica, 0, 32, 87.	0.2	22
34	Establishing a baseline of plant diversity and endemism on a neotropical mountain summit for future comparative studies assessing upward migration: an approach from biogeography and nature conservation. Systematics and Biodiversity, 2014, 12, 292-314.	1.2	21
35	Crops and weeds from the Estany de MontcortÃ¨s catchment, central Pyrenees, during the last millennium: a comparison of palynological and historical records. Vegetation History and Archaeobotany, 2015, 24, 699-710.	2.1	21
36	Biopiracy rules hinder conservation efforts. Nature, 2008, 453, 26-26.	27.8	20

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37	Diatom and vegetation responses to Late Glacial and Early Holocene climate changes at Lake Estanya (Southern Pyrenees, NE Spain). Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 392, 335-349.	2.3	20
38	The Lost World's pristinity at risk. Diversity and Distributions, 2016, 22, 995-999.	4.1	20
39	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
40	Stratification strength and light climate explain variation in chlorophyll <scp>a</scp> at the continental scale in a European multilake survey in a heatwave summer. Limnology and Oceanography, 2021, 66, 4314-4333.	3.1	19
41	Conservation of the Unique Neotropical Vascular Flora of the Guayana Highlands in the Face of Global Warming. Conservation Biology, 2009, 23, 1323-1327.	4.7	18
42	Branched GDGT variability in sediments and soils from catchments with marked temperature seasonality. Organic Geochemistry, 2018, 122, 98-114.	1.8	18
43	Vegetation shifts, human impact and peat bog development in Bassa Nera pond (Central Pyrenees) during the last millennium. Holocene, 2017, 27, 553-565.	1.7	17
44	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
45	Effects of periodic flooding on the water chemistry and primary production of the Mapire systems (Venezuela). Hydrobiologia, 1993, 262, 31-42.	2.0	16
46	DNA metabarcoding reveals modern and past eukaryotic communities in a high-mountain peat bog system. Journal of Paleolimnology, 2019, 62, 425-441.	1.6	16
47	Seasonal effects of water temperature and dissolved oxygen on the isoGDGT proxy (TEX86) in a Mediterranean oligotrophic lake. Chemical Geology, 2020, 551, 119759.	3.3	14
48	Environment-driven changes in terrestrial habitat use and distribution of the Galapagos sea lion. Endangered Species Research, 2014, 24, 9-19.	2.4	14
49	Differentiation of some Venezuelan blackwater rivers based upon physico-chemical properties of their humic substances. Biogeochemistry, 1988, 6, 59.	3.5	13
50	Seasonal alternation of lentic/lotic conditions in the Mapire system, a tropical floodplain lake in Venezuela. Hydrobiologia, 1993, 262, 43-55.	2.0	12
51	Chrysophycean stomatocysts in a Caribbean mangrove. , 2000, 428, 145-150.		12
52	Bronze Age to Medieval vegetation dynamics and landscape anthropization in the southern-central Pyrenees. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 571, 110392.	2.3	12
53	Modern Analogue Approach Applied to High-Resolution Varved Sedimentsâ€"A Synthesis for Lake MontcortÃ¨s (Central Pyrenees). Quaternary, 2020, 3, 1.	2.0	12
54	Neotropical vegetation responses to Younger Dryas climates as analogs for future climate change scenarios and lessons for conservation. Quaternary Science Reviews, 2015, 115, 28-38.	3.0	11

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55	Late Holocene vegetation and fire dynamics on the summits of the Guayana Highlands: The Uei-tepui palynological record. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 455, 33-43.	2.3	11
56	A critical examination of some common field tests to assess the acid-sulphate condition in soils. Soil Use and Management, 2008, 24, 60-68.	4.9	10
57	Connection between El NiÃ±o-Southern Oscillation events and river nitrate concentrations in a Mediterranean river. Science of the Total Environment, 2012, 426, 446-453.	8.0	10
58	The Pantepui â€œLost Worldâ€• Towards a Biogeographical, Ecological and Evolutionary Synthesis of a Pristine Neotropical Sky-Island Archipelago. Fascinating Life Sciences, 2020, , 369-413.	0.9	10
59	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
60	The Orinoco megadelta as a conservation target in the face of the ongoing and future sea level rise. Science of the Total Environment, 2015, 515-516, 129-142.	8.0	8
61	The neotropical Gran Sabana region: Palaeoecology and conservation. Holocene, 2016, 26, 1162-1167.	1.7	8
62	A spatiotemporal gradient in the anthropization of Pyrenean landscapes. Preliminary report. Quaternary Science Reviews, 2021, 258, 106909.	3.0	8
63	Potential Responses of Vascular Plants from the Pristine â€œLost Worldâ€•of the Neotropical Guayana Highlands to Global Warming: Review and New Perspectives. Frontiers in Plant Science, 2017, 8, 81.	3.6	7
64	Climatic and ecological history of Pantepui and surrounding areas. , 2019, , 33-54.		7
65	Distribution and Î²â€diversity of tree species in igapÃ³ forests (Negro River basin, Brazilian Amazon). Journal of Vegetation Science, 2018, 29, 1052-1064.	2.2	6
66	Long-term vegetation dynamics of a tropical megadelta: Mid-Holocene palaeoecology of the Orinoco Delta (NE Venezuela). Quaternary Science Reviews, 2019, 221, 105874.	3.0	6
67	Definition and characterization of the Pantepui biogeographical province. , 2019, , 3-32.		6
68	Distribution of the phytoplankton from the Guri Reservoir (Venezuela). Hydrobiologia, 1995, 310, 33-46.	2.0	5
69	Edaphic patterns as related to Î²-diversity in swamp forests and meadows of the lower Orinoco delta plain (Venezuela). Wetlands, 2008, 28, 616-631.	1.5	5
70	Plant communities and environmental factors in the Guayana Highlands: monitoring for conservation under future climate change. Systematics and Biodiversity, 2016, 14, 327-344.	1.2	5
71	Late-Holocene forest resilience in the central Pyrenean highlands as deduced from pollen analysis of Lake Sant Maurici sediments. Holocene, 2021, 31, 1797-1803.	1.7	5
72	An 8700-year record of the interplay of environmental and human drivers in the development of the southern Gran Sabana landscape, SE Venezuela. Holocene, 2014, 24, 1757-1770.	1.7	3

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73	Pantepui and global warming. , 2019, , 403-417.		3
74	Paleoecology as a guide to landscape conservation and restoration in the neotropical Gran Sabana. Past Global Change Magazine, 2017, 25, 82-83.	0.1	3
75	Conifer Forest Dynamics in the Iberian Pyrenees during the Middle Ages. Forests, 2021, 12, 1685.	2.1	3
76	Undervalued Impacts of Sea-Level Rise: Vanishing Deltas. Frontiers in Ecology and Evolution, 2016, 4, .	2.2	2
77	Pantepui as a dynamic biogeographical concept. , 2019, , 55-67.		2
78	Subalpine forest dynamics reconstructed throughout the last 700 years in the Central Pyrenees by means of tree rings and pollen. Holocene, 2019, 29, 300-312.	1.7	1
79	Vegetation - soils relationships in a wetland area of the Orinoco delta plain (Venezuela). WIT Transactions on Ecology and the Environment, 2006, , .	0.0	1
80	Climatic and Anthropogenic Drivers of Forest Succession in the Iberian Pyrenees during the Last 500 Years: A Statistical Approach. Forests, 2022, 13, 622.	2.1	1
81	Present climate of lake MontcortÃ¨s (Central Pyrenees): paleoclimatic relevance and insights on future warming. Cuadernos De Investigacion Geografica, 0, , .	1.1	0