MarÃ-a Del Socorro Lozano-GarcÃ-a

List of Publications by Year
in descending order

52 papers	1,829 citations	257450 24 h-index	276875 41 g-index
53 all docs	53 docs citations	53 times ranked	1410 citing authors

#	Article	IF	Citations
1	Distribution and ecology of parent taxa of pollen lodged within the Latin American Pollen Database. Review of Palaeobotany and Palynology, 2002, 121, 1-75.	1.5	168
2	Late Pleistocene and Holocene Paleoenvironments of Chalco Lake, Central Mexico. Quaternary Research, 1993, 40, 332-342.	1.7	153
3	Evidencias de cambio climÃ¡tico y ambiental en registros glaciales y en cuencas lacustres del centro de MÃ©xico durante el Ãºltimo mÃ¡ximo glacial. Boletin De La Sociedad Geologica Mexicana, 2010, 62, 359-377.	0.3	100
4	Late Quaternary environmental changes of the central part of the Basin of Mexico; correlation between Texcoco and Chalco basins. Review of Palaeobotany and Palynology, 1998, 99, 77-93.	1.5	96
5	Pollen-based biome reconstructions for Latin America at 0, 6000 and 18 000 radiocarbon years ago. Climate of the Past, 2009, 5, 725-767.	3.4	87
6	Title is missing!. Journal of Paleolimnology, 1999, 22, 399-411.	1.6	78
7	23,000 yr of vegetation history of the Upper Lerma, a tropical high-altitude basin in Central Mexico. Quaternary Research, 2005, 64, 70-82.	1.7	71
8	Tracing the effects of the Little Ice Age in the tropical lowlands of eastern Mesoamerica. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16200-16203.	7.1	68
9	Palynological and magnetic susceptibility records of Lake Chalco, central Mexico. Palaeogeography, Palaeoclimatology, Palaeoecology, 1994, 109, 177-191.	2.3	66
10	A high-elevation Holocene pollen record from Iztaccihuatl volcano, central Mexico. Holocene, 2005, 15, 329-338.	1.7	64
11	Updated site compilation of the Latin American Pollen Database. Review of Palaeobotany and Palynology, 2015, 223, 104-115.	1.5	63
12	Mid- to Late-Wisconsin Pollen Record of San Felipe Basin, Baja California. Quaternary Research, 2002, 58, 84-92.	1.7	49
13	Some problems in the late Quaternary pollen records of Central Mexico: Basins of Mexico and Zacapu. Quaternary International, 1997, 43-44, 117-123.	1.5	47
14	Rock magnetic and geochemical proxies for iron mineral diagenesis in a tropical lake: Lago Verde, Los Tuxtlas, Eastâ€“Central Mexico. Earth and Planetary Science Letters, 2006, 250, 444-458.	4.4	46
15	Quantitative estimates of orbital and millennial scale climatic variability in central Mexico during the last â¼40,000 years. Quaternary Science Reviews, 2019, 205, 62-75.	3.0	43
16	Ecosystem responses to climate and disturbances in western central Mexico during the late Pleistocene and Holocene. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 370, 184-195.	2.3	40
17	Present Limnological Conditions and Recent (ca. 340Âyr) Palaeolimnology of a Tropical Lake in the Sierra de Los Tuxtlas, Eastern Mexico. Journal of Paleolimnology, 2006, 35, 83-97.	1.6	38
18	Basic limnology of 30 continental waterbodies of the Transmexican Volcanic Belt across climatic and environmental gradients. Boletin De La Sociedad Geologica Mexicana, 2017, 69, 313-370.	0.3	37

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19	Climatic variability in the northern sector of the American tropics since the latest MIS 3. Quaternary Research, 2015, 84, 262-271.	1.7	36
20	Late Quaternary paleohydrological conditions in the drylands ofÂnorthern Mexico: a summer precipitation proxy record of theÂlastÂ80ÂcalÂkaÂBP. Quaternary Science Reviews, 2013, 78, 342-354.	3.0	35
21	Late Pleistocene: Holocene record of environmental changes in Lake Zirahuen, Central Mexico. Journal of Paleolimnology, 2010, 44, 745-760.	1.6	34
22	Millennial-Scale Temperature Change Velocity in the Continental Northern Neotropics. PLoS ONE, 2013, 8, e81958.	2.5	34
23	Tepexpan revisited: A multiple proxy of local environmental changes in relation to human occupation from a paleolake shore section in Central Mexico. Geomorphology, 2010, 122, 309-322.	2.6	33
24	Lithostratigraphy and physical properties of lacustrine sediments of the last ca. 150 kyr from Chalco basin, central MÃ©xico. Journal of South American Earth Sciences, 2017, 79, 507-524.	1.4	26
25	Holocene Vegetation and Climate Variability in the Americas. , 2001, , 325-370.		24
26	Late Holocene palaeoecology of Lago Verde: evidence of human impact and climate change in the northern limit of the neotropics during the late formative and classic periods. Vegetation History and Archaeobotany, 2010, 19, 177-190.	2.1	23
27	Environmental determinism and neutrality in vegetation at millennial time scales. Journal of Vegetation Science, 2014, 25, 627-635.	2.2	23
28	Climatic control on magnetic mineralogy during the late MIS 6 - Early MIS 3 in Lake Chalco, central Mexico. Quaternary Science Reviews, 2020, 230, 106163.	3.0	22
29	PerforaciÃ³n profunda en el lago de Chalco: reporte tÃ©cnico. Boletin De La Sociedad Geologica Mexicana, 2017, 69, 299-311.	0.3	19
30	Late-Quaternary spatiotemporal dynamics of vegetation in Central Mexico. Review of Palaeobotany and Palynology, 2018, 250, 44-52.	1.5	18
31	Nectaropolliniferous Sources Used byTrigona (Tetragonisca) Angustulain Chiapas, Southern MÃ©xico. Grana, 1994, 33, 225-230.	0.8	17
32	Hydrochemistry, ostracods and diatoms in a deep, tropical, crater lake in Western Mexico. Journal of Limnology, 2013, 72, 42.	1.1	15
33	Testate Amoebae (Amebozoa: Arcellinida) in Tropical Lakes of Central Mexico. Revista De Biologia Tropical, 2016, 64, 377.	0.4	14
34	Condiciones ambientales a finales del Estadio IsotÃ³pico 6 (EI 6: > 130000 aÃ±os) en el centro de MÃ©xico: caracterizaciÃ³n de una secciÃ³n de sedimentos laminados proveniente del Lago de Chalco. Revista Mexicana De Ciencias Geologicas, 2018, 35, 168-178.	0.4	14
35	Vegetation assemblages of central Mexico through the late Quaternary: modern analogs and compositional turnover. Journal of Vegetation Science, 2017, 28, 504-514.	2.2	12
36	Pollen and nonâ€pollen palynomorphs of Lake Chalco as indicators of paleolimnological changes in highâ€elevation tropical central Mexico since MIS 5. Journal of Quaternary Science, 2018, 33, 945-957.	2.1	12

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37	Responses to a warming trend and â€œEl NiÃ±oâ€•events in a tropical lake in western Mexico. Aquatic Sciences, 2016, 78, 591-604.	1.5	11
38	Last glacial hydrological variations at the southern margin of subâ€tropical North America and a regional comparison. Journal of Quaternary Science, 2014, 29, 495-505.	2.1	9
39	The Holocene history of a tropical high-altitude lake in central Mexico. Holocene, 2020, 30, 865-877.	1.7	9
40	Sedimentary stratigraphy of Lake Chalco (Central Mexico) during its formative stages. International Journal of Earth Sciences, 2021, 110, 2519-2539.	1.8	9
41	Modern and fossil pollen assemblages reveal forest taxonomic changes in the Mexican subtropics during the last 1300years. Review of Palaeobotany and Palynology, 2016, 231, 1-13.	1.5	8
42	Orbitalâ€scale droughts in centralâ€northern Mexico during the late Quaternary and comparison with other subtropical and tropical records. Geological Journal, 2018, 53, 230-242.	1.3	8
43	Holocene life and microbiome profiling in ancient tropical Lake Chalco, Mexico. Scientific Reports, 2021, 11, 13848.	3.3	8
44	Fires and volcanic activity: History of fire in the Mexico basin during late Pleistocene based on carbonized material records in the Chalco lake. Revista Mexicana De Ciencias Geologicas, 2019, 36, 259-269.	0.4	7
45	A 14â€ka Record of Dust Input and Phytoplankton Regime Changes in the Subtropical NE Pacific: Oceanic and Terrestrial Processes Linked by Teleconnections at Suborbital Scales. Paleoceanography and Paleoclimatology, 2019, 34, 35-53.	2.9	5
46	Climatic and anthropogenic influences on vegetation changes during the last 5000â€‰years in a seasonal dry tropical forest at the northern limits of the Neotropics. Holocene, 2021, 31, 802-813.	1.7	5
47	1580 aÃ±os de impacto humano y cambio climÃ¡tico en la dinÃ¡mica del bosque de Pinus-Quercus-Abies en el centro-occidente de MÃ©xico. Revista Mexicana De Biodiversidad, 2018, 89, .	0.4	5
48	Historia de la vegetaciÃ³n, ambiente y evidencia de actividad humana de los Ãºltimos 6,000 aÃ±os en el lago alpino La Luna, Nevado de Toluca. Revista Mexicana De Biodiversidad, 2019, 90, .	0.4	3
49	Insights into the Holocene Environmental History of the Highlands of Central Mexico. , 2019, , 97-114.		3
50	Forests Diversity in the Mexican Neotropics: A Paleoecological View. Fascinating Life Sciences, 2020, , 449-473.	0.9	3
51	Charcoal morphotypes and potential fuel types from a Mexican lake during MIS 5a and MIS 3. Journal of South American Earth Sciences, 2022, 115, 103724.	1.4	3
52	Stratigraphy and Sedimentology of the Upper Pleistocene to Holocene Lake Chalco Drill Cores (Mexico Basin). Syntheses in Limnogeology, 2021, , 415-443.	0.4	0