Margarita LÃ³pez-MartÃ-nez

List of Publications by Year
in descending order

75 papers	3,423 citations	172457 29 h-index	155660 55 g-index
78 all docs	78 docs citations	78 times ranked	3790 citing authors

#	Article	IF	Citations
1	Interpreting and reporting 40Ar/39Ar geochronologic data. Bulletin of the Geological Society of America, 2021, 133, 461-487.	3.3	102
2	Graben type calderas: The BolaÃ±os case, Sierra Madre Occidental, Mexico. Journal of Volcanology and Geothermal Research, 2021, 417, 107315.	2.1	5
3	The Cretaceous-Eocene Mexican Magmatic Arc: Conceptual framework from geochemical and geochronological data of plutonic rocks. Earth-Science Reviews, 2021, 220, 103721.	9.1	18
4	Volcanic record of the arc-to-rift transition onshore of the Guaymas basin in the Santa RosalÃa area, Gulf of California, Baja California. , 2020, 16, 1012-1041.		4
5	The Eocene-Oligocene Nanchititla dike swarm, eastern MichoacÃ¡n, MÃ©xico. Journal of Maps, 2020, 16, 87-97.	2.0	2
6	Neotethyan Subduction Ignited the Iran Arc and Backarc Differently. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB018460.	3.4	21
7	Early Cambrian alkaline volcanism on the southern margin of Laurentia: evidence in the volcaniclastic units from the Puerto Blanco Formation in the Caborca block, NW Mexico. International Geology Review, 2019, 61, 1189-1206.	2.1	11
8	Profiling the interaction of 1â€phenylbenzimidazoles to cyclooxygenases. Journal of Molecular Recognition, 2019, 32, e2801.	2.1	1
9	Strain partitioning in highly oblique rift settings: Inferences from the southwestern margin of the Gulf of California (Baja California Sur, MÃ©xico). Tectonics, 2019, 38, 4426-4453.	2.8	9
10	Geochronology of Mexican mineral deposits. VIII: The Zacatepec polymetallic skarn, Oaxaca. Boletin De La Sociedad Geologica Mexicana, 2019, 71, 207-218.	0.3	6
11	Choline acetyltransferase and TrkA expression, as well as the improvement in cognition produced by E2 and P4 in ovariectomized rats, are blocked by ICI 182â€‰780 and RU486. Behavioural Pharmacology, 2018, 29, 457-461.	1.7	2
12	Cenozoic magmatism and extension in western Mexico: Linking the Sierra Madre Occidental silicic large igneous province and the ComondÃº Group with the Gulf of California rift. Earth-Science Reviews, 2018, 183, 115-152.	9.1	85
13	Simultaneous quantification of four antiretroviral drugs in breast milk samples from HIV-positive women by an ultra-high performance liquid chromatography tandem mass spectrometry (UPLC-MS/MS) method. PLoS ONE, 2018, 13, e0191236.	2.5	14
14	The Upper Cretaceous Guaynopa IOCG and Guaynopita porphyry copper deposits, Chihuahua, Mexico. Ore Geology Reviews, 2017, 81, 1096-1112.	2.7	4
15	Subsurface stratigraphy and its correlation with the surficial geology at Los Humeros geothermal field, eastern Trans-Mexican Volcanic Belt. Geothermics, 2017, 67, 1-17.	3.4	58
16	Early Miocene shortening in the lower ComondÃº Group in Baja California Sur (MÃ©xico). Tectonophysics, 2017, 719-720, 135-147.	2.2	3
17	Apparent conflicting Roadianâ€“Wordian (middle Permian) CA-IDTIMS and palynology ages from the Canning Basin, Western Australia. Australian Journal of Earth Sciences, 2017, 64, 889-901.	1.0	9
18	40 Ar/ 39 Ar geochronology and revised stratigraphy of the late Eocene Taxco volcanic field, southern Mexico. Journal of South American Earth Sciences, 2017, 79, 40-56.	1.4	4

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19	Laramide to Miocene syn-extensional plutonism in the Puerta del Sol area, central Sonora, Mexico. Revista Mexicana De Ciencias Geologicas, 2017, 34, 45.	0.4	7
20	The calc-alkaline and adakitic volcanism of the Sabzevar structural zone (NE Iran): Implications for the Eocene magmatic flare-up in Central Iran. Lithos, 2016, 248-251, 517-535.	1.4	60
21	New stratigraphic, geochronological, and structural data from the southern Guanajuato Mining District, MÃ©xico: implications for the caldera hypothesis. International Geology Review, 2016, 58, 246-262.	2.1	9
22	Geochronology of Mexican mineral deposits. IV: the Cinco Minas epithermal deposit, Jalisco. Boletin De La Sociedad Geologica Mexicana, 2016, 68, 357-364.	0.3	1
23	Assessment of groundwater flow in volcanic faulted areas. A study case in Queretaro, Mexico. Geofisica International, 2015, 54, 199-220.	0.2	20
24	Timing of rifting in the southern Gulf of California and its conjugate margins: Insights from the plutonic record. Bulletin of the Geological Society of America, 2015, 127, 702-736.	3.3	44
25	Hypothalamic-pituitary-adrenal axis function during perinatal depression. Neuroscience Bulletin, 2015, 31, 338-350.	2.9	37
26	HPA Axis Function During the Perinatal Period in Patients with Affective Disorders. Current Psychiatry Reviews, 2015, 11, 102-115.	0.9	0
27	Correlating the Arperos Basin from Guanajuato, central Mexico, to Santo TomÃ¡s, southern Mexico: Implications for the paleogeography and origin of the Guerrero terrane. , 2014, 10, 1385-1401.		58
28	Late Miocene K-rich volcanism in the Eslamieh Peninsula (Saray), NW Iran: Implications for geodynamic evolution of the Turkishâ€“Iranian High Plateau. Gondwana Research, 2014, 26, 1028-1050.	6.0	45
29	Pulling apart the Mid to Late Cenozoic magmatic record of the Gulf of California: is there a ComondÃº Arc?. Geological Society Special Publication, 2014, 385, 389-407.	1.3	20
30	Late Cretaceous-Oligocene magmatic record in southern Mexico: The case for a temporal slab window along the evolving Caribbean-North America-Farallon triple boundary. Tectonics, 2014, 33, 1738-1765.	2.8	33
31	Palaeomagnetism of the upper volcanic supergroup, southern part of the Sierra Madre Occidental, Mexico. Geophysical Journal International, 2013, 193, 1250-1264.	2.4	5
32	Middle Miocene near trench volcanism in northern Colombia: A record of slab tearing due to the simultaneous subduction of the Caribbean Plate under South and Central America?. Journal of South American Earth Sciences, 2013, 45, 24-41.	1.4	19
33	The age and composition of the pre-Cenozoic basement of the Jalisco Block: implications for and relation to the Guerrero composite terrane. Contributions To Mineralogy and Petrology, 2013, 166, 801-824.	3.1	35
34	Geologic setting of the PeÃ±a de Bernal Natural Monument, QuerÃ©taro, MÃ©xico: An endogenous volcanic dome. , 2013, 9, 557-571.		3
35	Title is missing!. , 2013, 9, 1161.		78
36	Evidence for geomagnetic excursions recorded in Brunhes and Matuyama Chron lavas from the transâ€Mexican volcanic belt. Journal of Geophysical Research: Solid Earth, 2013, 118, 2648-2669.	3.4	10

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37	The Salado River fault: reactivation of an Early Jurassic fault in a transfer zone during Laramide deformation in southern Mexico. International Geology Review, 2012, 54, 144-164.	2.1	14
38	Petrogenesis of Ordovician magmatic rocks in the southern Chiapas Massif Complex: relations with the early Palaeozoic magmatic belts of northwestern Gondwana. International Geology Review, 2012, 54, 1918-1943.	2.1	47
39	Effect of the lipophilic parameter (log P) on the anti-parasitic activity of imidazo[1,2-a]pyridine derivatives. Medicinal Chemistry Research, 2012, 21, 415-420.	2.4	13
40	An integrative geologic, geochronologic and geochemical study of Gorgona Island, Colombia: Implications for the formation of the Caribbean Large Igneous Province. Earth and Planetary Science Letters, 2011, 309, 324-336.	4.4	49
41	Paleomagnetic and rock-magnetic survey of eocene dike swarms from the Tecalitlan area (Western) Tj ETQq1 1 0.784314 rgBT /Overl	0.5	3
42	Jurassic volcanic and sedimentary rocks of the La Silla and Todos Santos Formations, Chiapas: Record of Nazas arc magmatism and rift-basin formation prior to opening of the Gulf of Mexico. , 2011, 7, 121-144.		70
43	Antiâ€anxiety and sedative profile evaluation of imidazo[1,2â€a]pyridine derivatives. Drug Development Research, 2010, 71, 371-381.	2.9	18
44	40Ar-39Ar Geochronology in a gneiss dome within the Zagros OrogÃ©nic Belt. Comptes Rendus - Geoscience, 2010, 342, 837-846.	1.2	18
45	Application of the multispecimen palaeointensity method to Pleistocene lava flows from the Trans-Mexican Volcanic Belt. Physics of the Earth and Planetary Interiors, 2010, 179, 139-156.	1.9	25
46	RevisiÃ³n estratigrÃ¡fica de Punta Coyote (Baja California Sur, MÃ©xico) e implicaciones para el volcanismo de la Sierra Madre Occidental y el arco ComondÃº. Estudios Geologicos, 2010, 66, 193-208.	0.2	1
47	Cretaceousâ€“Eocene magmatism and Laramide deformation in southwestern Mexico: No role for terrane accretion. , 2009, , .		15
48	Geologic evolution of the DonguinyÃ³-Huichapan caldera complex, central Mexican Volcanic Belt, Mexico. Journal of Volcanology and Geothermal Research, 2009, 179, 133-148.	2.1	15
49	An integrated magnetic and geological study of cataclasite- dominated pseudotachylytes in the Chiapas Massif, Mexico: a snapshot of stress orientation following slip. Geophysical Journal International, 2009, 177, 891-912.	2.4	11
50	The North American-Caribbean Plate boundary in Mexico-Guatemala-Honduras. Geological Society Special Publication, 2009, 328, 219-293.	1.3	78
51	Structural and tectonic evolution of the AcatlÃ¡n Complex, southern Mexico: Its role in the collisional history of Laurentia and Gondwana. Tectonics, 2009, 28, .	2.8	33
52	Pressure-temperature-time evolution of high-pressure rocks of the AcatlÃ¡n Complex (southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 Geological Society of America, 2009, 121, 1460-1464.	3.3	4
53	Pressure-temperature-time evolution of Paleozoic high-pressure rocks of the Acatlan Complex (southern Mexico): Implications for the evolution of the Iapetus and Rheic Oceans. Bulletin of the Geological Society of America, 2007, 119, 1249-1264.	3.3	71
54	Late Cretaceous shortening and early Tertiary shearing in the central Sierra Madre del Sur, southern Mexico: Insights into the evolution of the Caribbean-North American plate interaction. Tectonics, 2007, 26, n/a-n/a.	2.8	67

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55	Reâ€“Os and Uâ€“Pb geochronology of the El Arco porphyry copper deposit, Baja California Mexico: Implications for the Jurassic tectonic setting. Journal of South American Earth Sciences, 2006, 22, 39-51.	1.4	27
56	Pb, Sr, and Nd isotopic and chemical evidence for a primitive island arc emplacement of the El Arco porphyry copper deposit (Baja California, Mexico). Mineralium Deposita, 2006, 40, 707-725.	4.1	19
57	Geology, geochronology and tectonic setting of late Cenozoic volcanism along the southwestern Gulf of Mexico: The Eastern Alkaline Province revisited. Journal of Volcanology and Geothermal Research, 2005, 146, 284-306.	2.1	91
58	Unified equations for the slope, intercept, and standard errors of the best straight line. American Journal of Physics, 2004, 72, 367-375.	0.7	819
59	Ignimbrite flare-up and deformation in the southern Sierra Madre Occidental, western Mexico: Implications for the late subduction history of the Farallon plate. Tectonics, 2002, 21, 17-1-17-24.	2.8	118
60	Kâ€“Ar dating and geological significance of clastic sediments of the Paleocene Sepultura Formation, Baja California, MÃ©xico. Journal of South American Earth Sciences, 2002, 15, 725-730.	1.4	7
61	The Amazcala caldera, Queretaro, Mexico. Geology and geochronology. Journal of Volcanology and Geothermal Research, 2001, 111, 203-218.	2.1	33
62	Quaternary intra-arc extension in the central Trans-Mexican volcanic belt. Bulletin of the Geological Society of America, 2001, 113, 693-703.	3.3	123
63	Waning Miocene subduction and arc volcanism in Baja California: the San Luis Gonzaga volcanic field. Tectonophysics, 2000, 318, 27-51.	2.2	30
64	The Geologic Evolution of the Southern Sierra de Guanajuato, Mexico: A Documented Example of the Transition from the Sierra Madre Occidental to the Mexican Volcanic Belt. International Geology Review, 2000, 42, 131-151.	2.1	37
65	Space-time patterns of Cenozoic arc volcanism in central Mexico: From the Sierra Madre Occidental to the Mexican Volcanic Belt. Geology, 1999, 27, 303.	4.4	268
66	Thermochronometry and palaeomagnetism of the Archaean Nelshoogte Pluton, South Africa. Geophysical Journal International, 1998, 135, 129-145.	2.4	23
67	Stratigraphy and Tectonics of the Guadalajara Region and Triple-Junction Area, Western Mexico. International Geology Review, 1997, 39, 125-140.	2.1	56
68	The Aljibes half-grabenâ€”Active extension at the boundary between the trans-Mexican volcanic belt and the Basin and Range Province, Mexico. Bulletin of the Geological Society of America, 1995, 107, 627.	3.3	50
69	Arc-rift transition volcanism in the Puertecitos Volcanic Province, northeastern Baja California, Mexico. Bulletin of the Geological Society of America, 1995, 107, 407-0424.	3.3	51
70	The Acambay graben: Active intraarc extension in the trans-Mexican volcanic belt, Mexico. Tectonics, 1995, 14, 1245-1262.	2.8	88
71	Paleomagnetic and ⁴⁰Ar/³⁹Ar evidence for remagnetization of Mesozoic oceanic rocks on the Vizcaino Peninsula, Baja California Sur, Mexico. Geophysical Research Letters, 1993, 20, 1831-1834.	4.0	7
72	A 40Ar39Ar geochronological study of komatiites and komatiitic basalts from the Lower Onverwacht Volcanics: Barberton Mountain Land, South Africa. Precambrian Research, 1992, 57, 91-119.	2.7	55

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73	the twoâ€faced mica. Geophysical Research Letters, 1986, 13, 973-975.	4.0	27
74	Oldest reliable 40Ar/39Ar ages for terrestrial rocks: Barberton Mountain komatiites. Nature, 1984, 307, 352-354.	27.8	61
75	Further thermochronometric unravelling of the age and palaeomagnetic record of the southwest Grenville Province. Canadian Journal of Earth Sciences, 1983, 20, 953-960.	1.3	20