

Margarita LÃ³pez-MartÃ­nez

List of Publications by Year in descending order

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75
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172457

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78
all docs

78
docs citations

78
times ranked

3790
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Igimbrite 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
5	Interpreting and reporting $^{40}\text{Ar}/^{39}\text{Ar}$ geochronologic data. Bulletin of the Geological Society of America, 2021, 133, 461-487.	3.3	102
6	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
7	The Acambay graben: Active intraarc extension in the trans-Mexican volcanic belt, Mexico. Tectonics, 1995, 14, 1245-1262.	2.8	88
8	Cenozoic magmatism and extension in western Mexico: Linking the Sierra Madre Occidental silicic large igneous province and the Comondú Group with the Gulf of California rift. Earth-Science Reviews, 2018, 183, 115-152.	9.1	85
9	The North American-Caribbean Plate boundary in Mexico-Guatemala-Honduras. Geological Society Special Publication, 2009, 328, 219-293.	1.3	78
10	Title is missing!. , 2013, 9, 1161.		78
11	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
12	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
13	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
14	Oldest reliable $^{40}\text{Ar}/^{39}\text{Ar}$ ages for terrestrial rocks: Barberton Mountain komatiites. Nature, 1984, 307, 352-354.	27.8	61
15	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
16	Correlating the Arperos Basin from Guanajuato, central Mexico, to Santo Tomás, southern Mexico: Implications for the paleogeography and origin of the Guerrero terrane. , 2014, 10, 1385-1401.		58
17	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
18	Stratigraphy and Tectonics of the Guadalajara Region and Triple-Junction Area, Western Mexico. International Geology Review, 1997, 39, 125-140.	2.1	56

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19	A $^{40}\text{Ar}/^{39}\text{Ar}$ geochronological study of komatiites and komatiitic basalts from the Lower Onverwacht Volcanics: Barberton Mountain Land, South Africa. <i>Precambrian Research</i> , 1992, 57, 91-119.	2.7	55
20	Arc-rift transition volcanism in the Puertecitos Volcanic Province, northeastern Baja California, Mexico. <i>Bulletin of the Geological Society of America</i> , 1995, 107, 407-0424.	3.3	51
21	The Aljibes half-graben "Active extension at the boundary between the trans-Mexican volcanic belt and the Basin and Range Province, Mexico. <i>Bulletin of the Geological Society of America</i> , 1995, 107, 627.	3.3	50
22	An integrative geologic, geochronologic and geochemical study of Gorgona Island, Colombia: Implications for the formation of the Caribbean Large Igneous Province. <i>Earth and Planetary Science Letters</i> , 2011, 309, 324-336.	4.4	49
23	Petrogenesis of Ordovician magmatic rocks in the southern Chiapas Massif Complex: relations with the early Palaeozoic magmatic belts of northwestern Gondwana. <i>International Geology Review</i> , 2012, 54, 1918-1943.	2.1	47
24	Late Miocene K-rich volcanism in the Eslamieh Peninsula (Saray), NW Iran: Implications for geodynamic evolution of the Turkish "Iranian High Plateau. <i>Gondwana Research</i> , 2014, 26, 1028-1050.	6.0	45
25	Timing of rifting in the southern Gulf of California and its conjugate margins: Insights from the plutonic record. <i>Bulletin of the Geological Society of America</i> , 2015, 127, 702-736.	3.3	44
26	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. <i>International Geology Review</i> , 2000, 42, 131-151.	2.1	37
27	Hypothalamic-pituitary-adrenal axis function during perinatal depression. <i>Neuroscience Bulletin</i> , 2015, 31, 338-350.	2.9	37
28	The age and composition of the pre-Cenozoic basement of the Jalisco Block: implications for and relation to the Guerrero composite terrane. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 801-824.	3.1	35
29	The Amzacala caldera, Queretaro, Mexico. <i>Geology and geochronology. Journal of Volcanology and Geothermal Research</i> , 2001, 111, 203-218.	2.1	33
30	Structural and tectonic evolution of the Acatn Complex, southern Mexico: Its role in the collisional history of Laurentia and Gondwana. <i>Tectonics</i> , 2009, 28, .	2.8	33
31	Late Cretaceous-Oligocene magmatic record in southern Mexico: The case for a temporal slab window along the evolving Caribbean-North America-Farallon triple boundary. <i>Tectonics</i> , 2014, 33, 1738-1765.	2.8	33
32	Waning Miocene subduction and arc volcanism in Baja California: the San Luis Gonzaga volcanic field. <i>Tectonophysics</i> , 2000, 318, 27-51.	2.2	30
33	the two-faced mica. <i>Geophysical Research Letters</i> , 1986, 13, 973-975.	4.0	27
34	Re "Os and U "Pb geochronology of the El Arco porphyry copper deposit, Baja California Mexico: Implications for the Jurassic tectonic setting. <i>Journal of South American Earth Sciences</i> , 2006, 22, 39-51.	1.4	27
35	Application of the multispecimen palaeointensity method to Pleistocene lava flows from the Trans-Mexican Volcanic Belt. <i>Physics of the Earth and Planetary Interiors</i> , 2010, 179, 139-156.	1.9	25
36	Thermochronometry and palaeomagnetism of the Archaean Nelshoogte Pluton, South Africa. <i>Geophysical Journal International</i> , 1998, 135, 129-145.	2.4	23

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37	Neotethyan Subduction Ignited the Iran Arc and Backarc Differently. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018460.	3.4	21
38	Further thermochronometric unravelling of the age and palaeomagnetic record of the southwest Grenville Province. <i>Canadian Journal of Earth Sciences</i> , 1983, 20, 953-960.	1.3	20
39	Pulling apart the Mid to Late Cenozoic magmatic record of the Gulf of California: is there a Comond Arc?. <i>Geological Society Special Publication</i> , 2014, 385, 389-407.	1.3	20
40	Assessment of groundwater flow in volcanic faulted areas. A study case in Queretaro, Mexico. <i>Geofisica International</i> , 2015, 54, 199-220.	0.2	20
41	Pb, Sr, and Nd isotopic and chemical evidence for a primitive island arc emplacement of the El Arco porphyry copper deposit (Baja California, Mexico). <i>Mineralium Deposita</i> , 2006, 40, 707-725.	4.1	19
42	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?. <i>Journal of South American Earth Sciences</i> , 2013, 45, 24-41.	1.4	19
43	Anti anxiety and sedative profile evaluation of imidazo[1,2-a]pyridine derivatives. <i>Drug Development Research</i> , 2010, 71, 371-381.	2.9	18
44	⁴⁰ Ar- ³⁹ Ar Geochronology in a gneiss dome within the Zagros Orognic Belt. <i>Comptes Rendus - Geoscience</i> , 2010, 342, 837-846.	1.2	18
45	The Cretaceous-Eocene Mexican Magmatic Arc: Conceptual framework from geochemical and geochronological data of plutonic rocks. <i>Earth-Science Reviews</i> , 2021, 220, 103721.	9.1	18
46	CretaceousEocene magmatism and Laramide deformation in southwestern Mexico: No role for terrane accretion. , 2009, , .		15
47	Geologic evolution of the Donguiny3-Huichapan caldera complex, central Mexican Volcanic Belt, Mexico. <i>Journal of Volcanology and Geothermal Research</i> , 2009, 179, 133-148.	2.1	15
48	The Salado River fault: reactivation of an Early Jurassic fault in a transfer zone during Laramide deformation in southern Mexico. <i>International Geology Review</i> , 2012, 54, 144-164.	2.1	14
49	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. <i>PLoS ONE</i> , 2018, 13, e0191236.	2.5	14
50	Effect of the lipophilic parameter (log P) on the anti-parasitic activity of imidazo[1,2-a]pyridine derivatives. <i>Medicinal Chemistry Research</i> , 2012, 21, 415-420.	2.4	13
51	An integrated magnetic and geological study of cataclasite- dominated pseudotachylytes in the Chiapas Massif, Mexico: a snapshot of stress orientation following slip. <i>Geophysical Journal International</i> , 2009, 177, 891-912.	2.4	11
52	Early Cambrian alkaline volcanism on the southern margin of Laurentia: evidence in the volcanoclastic units from the Puerto Blanco Formation in the Caborca block, NW Mexico. <i>International Geology Review</i> , 2019, 61, 1189-1206.	2.1	11
53	Evidence for geomagnetic excursions recorded in Brunhes and Matuyama Chron lavas from the trans Mexican volcanic belt. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 2648-2669.	3.4	10
54	New stratigraphic, geochronological, and structural data from the southern Guanajuato Mining District, Mxico: implications for the caldera hypothesis. <i>International Geology Review</i> , 2016, 58, 246-262.	2.1	9

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55	Apparent conflicting Radianâ€“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
56	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
57	Paleomagnetic and ⁴⁰ Ar/ ³⁹ Ar 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
58	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
59	Laramide to Miocene syn-extensional plutonism in the Puerta del Sol area, central Sonora, Mexico. Revista Mexicana De Ciencias GeolÃ³gicas, 2017, 34, 45.	0.4	7
60	Geochronology of Mexican mineral deposits. VIII: The Zacatepec polymetallic skarn, Oaxaca. Boletín De La Sociedad Geologica Mexicana, 2019, 71, 207-218.	0.3	6
61	Palaeomagnetism of the upper volcanic supergroup, southern part of the Sierra Madre Occidental, Mexico. Geophysical Journal International, 2013, 193, 1250-1264.	2.4	5
62	Graben type calderas: The BolaÃ±os case, Sierra Madre Occidental, Mexico. Journal of Volcanology and Geothermal Research, 2021, 417, 107315.	2.1	5
63	Pressure-temperature-time evolution of high-pressure rocks of the AcatlÃ¡n Complex (southern) Tj ETQq1 1 0.784314 rgBT /Overlock Geological Society of America, 2009, 121, 1460-1464.	3.3	4
64	The Upper Cretaceous Guaynopa IOCG and Guaynopita porphyry copper deposits, Chihuahua, Mexico. Ore Geology Reviews, 2017, 81, 1096-1112.	2.7	4
65	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
66	Volcanic record of the arc-to-rift transition onshore of the Guaymas basin in the Santa RosalÃ¡a area, Gulf of California, Baja California. , 2020, 16, 1012-1041.		4
67	Paleomagnetic and rock-magnetic survey of eocene dike swarms from the Tecalitlan area (Western) Tj ETQq1 1 0.784314 rgBT /Overl 0,5		3
68	Geologic setting of the PeÃ±a de Bernal Natural Monument, QuerÃ©taro, MÃ©xico: An endogenous volcanic dome. , 2013, 9, 557-571.		3
69	Early Miocene shortening in the lower ComondÃ¡n Group in Baja California Sur (MÃ©xico). Tectonophysics, 2017, 719-720, 135-147.	2.2	3
70	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
71	The Eocene-Oligocene Nanchititla dike swarm, eastern MichoacÃ¡n, MÃ©xico. Journal of Maps, 2020, 16, 87-97.	2.0	2
72	Profiling the interaction of 1â€™phenylbenzimidazoles to cyclooxygenases. Journal of Molecular Recognition, 2019, 32, e2801.	2.1	1

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73	Revisi3n estratigrÁfica de Punta Coyote (Baja California Sur, MÃ©xico) e implicaciones para el volcanismo de la Sierra Madre Occidental y el arco ComondÁ. Estudios Geologicos, 2010, 66, 193-208.	0.2	1
74	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
75	HPA Axis Function During the Perinatal Period in Patients with Affective Disorders. Current Psychiatry Reviews, 2015, 11, 102-115.	0.9	0